

D I G I T A L P R O G R A M



Scientific Assembly

B O S T O N
2 0 2 1

SEE INSIDE FOR: EDUCATIONAL PROGRAM | CAREER GUIDE | MAPS | AND MORE

American Physician Partners is excited to see you in-person during ACEP21!

Ways to Connect

- Visit us at booth #2609 to chat with our recruiters and leadership team to learn how a partnership with us can help you **LIVE, WORK, and PLAY** with the nation's fastest-growing ED group.
- **Stop by our booth to grab your free tickets to our reception at the New England Aquarium, Tuesday, October 26, from 6-8 PM EST.**
- Talk to our Practice Development Team to secure your practice's future.



Scan our QR code to learn more ways to engage with us during ACEP21.

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The American College of Emergency Physicians makes every effort to ensure that the speakers of College-sponsored courses are knowledgeable authorities in their fields. ACEP21 attendees are nevertheless advised that the statements and opinions expressed by course speakers are those of the speakers, not of the College. The speakers' statements and opinions should not be construed as College policy or recommendations, and the College disclaims any liability or responsibility for the consequences of any actions taken in reliance upon those statements or opinions. Products/services exhibited by companies or organizations other than the American College of Emergency Physicians are not endorsed by the College. Furthermore, the College disclaims any liability or responsibility for the professional or personal use of such products/services.

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Stay
STRONG
we are
ALL in
this
TOGETHER

Unprecedented challenges present **UNPRECEDENTED OPPORTUNITIES**

While the calendar has rolled forward a year since our last annual meeting, so many of the challenges remain the same – weariness, frustration and doubt. And yet, after more than 18 months of fighting COVID-19 with exceptional courage and dedication, emergency physicians continue to do what we do best for our patients – adapt, act and heal.

Unprecedented challenges continue to present unique opportunities.

We're all coming from different places and in different stages. As we fight this virus back home in our communities, we share a specific, underlying reason for being in Boston this week . . . each other.

The brotherhood and sisterhood of emergency medicine is undeniable. And in the hard times, our bond grows even stronger. The need to share with your “family” has never been more instinctual and meaningful than it is right now.

Take this time to connect with others who get it, who get you. Discover your passion for emergency medicine again. And be inspired to return home ready to lead the charge in shaping a post-pandemic world.

ACEP21 offers the promise of unparalleled education from the world's leading experts in emergency medicine topics, as well as the incomparable opportunity to simply be with your people.

We cannot describe our excitement as we gather, both in person and at home. For those of us in Boston, we can share the events, experiences and emotions that make ACEP's annual meeting the best EM conference, year after year.

It's so good to see you. You all look great. You've represented our specialty so well, and we are so glad you are here.



What, When, Where.

All you need to know about ACEP21

WELCOME TO ACEP21, where you are surrounded by thousands of other vaccinated and masked emergency physicians who just “get” you. These are your people – your sounding boards and problem solvers. Your mentors and inspiration. Your kindred spirits and partners in crime. Remind yourself what makes emergency medicine so special.

Opportunities exist throughout the conference to find subject-matter peers, explore new employment options or even meet your heroes. Set yourself apart by discovering a new innovation that can help enhance your department back home. It’s all at ACEP21!

Education and Enhancement



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

Opening General Session

9-10:30 a.m. | Monday

Location: Ballroom, BCEC

Speaker: Doris Kearns Goodwin

Sponsored in part by BioFire Diagnostics

Join ACEP’s incoming President Dr. Gillian Schmitz for a conversation with award-winning historian Doris Kearns Goodwin about “Leadership in Turbulent Times.”

As the United States and the world grapple with the devastating impact of the COVID-19 pandemic, America’s “historian-in-chief” Ms. Goodwin reflects upon our shared past to put into context

this defining moment in our nation’s history: A crisis so daunting, so deadly and economically damaging that it has completely upended our everyday lives. Not since the Great Depression and World War II have we experienced such collective hardships.

Drawing from her most recent book, *Leadership In Turbulent Times*, Ms. Goodwin transports us back to that era to provide perspective and analysis as she helps us understand how President Franklin D. Roosevelt’s leadership created a triple alliance among government, business and the American people that helped us endure sacrifices, achieve an astonishing productivity, and initiate systemic changes that ultimately showed our resilience and helped us persevere and triumph. History provides lessons. History provides solace. History provides hope.

Ms. Goodwin is a world-renowned presidential historian, public speaker and Pulitzer Prize-winning, *New York Times* #1 best-selling author.

National Emergency Medicine Clinical Pathological Case Finals

1-4 p.m. | Monday

VIRTUAL Check the mobile app for details

Make plans to attend the CORD CPC finals. This exciting event will decide the national winners for best case and best discussant.

Test your diagnostic skills as you listen to the final round of cases and discussions from the winners of the regional competitions. Emergency medicine residents will present cases and residency program attending physicians will discuss them. Match wits with faculty members from opposing programs who will use patients' presenting symptoms and diagnostic test results to arrive at a final diagnosis.

Winners will be announced at the CORD Business Meeting on Tuesday.

Faculty Appreciation and Speaker Awards Luncheon

By invitation only

11:15 a.m.-12:15 p.m. | Tuesday

Location: Room 204A, Level 2, BCEC

All faculty who have made presentations at national ACEP educational meetings within the last year have been invited to attend this awards luncheon. The Outstanding Speaker of the Year and other award winners are being honored at the luncheon. This event is open to each faculty member who responded to the invitation.

James D. Mills, Jr. Memorial Lecture Breaking the Cycle: Implementing a Community Violence Intervention Program in the ED

1:30-2:20 p.m. | Wednesday

Location: Room 156, BCEC

Faculty: Christopher B. Colwell, MD, FACEP

Community violence has become an increasing problem and the effects are seen more and more in the ED. It is important for the clinician to understand the origins, ongoing evolution and most importantly the possibility for interventions to mitigate the growing epidemic of trauma.

James D. Mills, Jr., MD, was one of the founders of the American College of Emergency Physicians and served the College as president for two consecutive terms from 1972-73.

The selection of the Mills Lecture is based on the importance of the topic to the specialty of emergency medicine—its past, present and future.

Brooks F. Bock Lecture and Abstract Session AFFIRMing Our Lane: The Role of Emergency Physicians in Preventing Firearm Injury

12:30-1:20 p.m. | Monday

Location: Room 107, BCEC

Faculty: Megan L. Ranney, MD, MPH, FACEP

In this annual Research Forum Keynote Lecture, Dr. Ranney will provide an overview of why emergency care research on firearm injury prevention is part of our job. She will discuss the current state of research, its impact on current clinical practice, and where we are going next. Her lecture will be followed by presentations from the top-scoring abstracts of the 2021 Research Forum.

Brooks F. Bock, MD, FACEP, served as ACEP president from 1983-84, is a member of the Emergency Medicine Foundation Board of Trustees and is a recipient of ACEP's highest honor, the John G. Wiegenstein Leadership Award. The Brooks F. Bock Lecture provides a forum to recognize innovative emergency medicine researchers whose work has contributed to the advancement of the specialty. The session also includes abstract presentations on research that has the potential to transform clinical practice.

Nancy J. Auer Lecture Antiracism: From Awareness to Action

1:30-2:20 p.m. | Monday

Location: Room 107, BCEC

Faculty: Vonzella A. Bryant, MD, FACEP

There has been much discussion about confronting racism at a systemic level but there is also much work to do on a personal level as well. Many of us are slowly learning to evaluate our own biases, histories and everyday actions in a new light. Dr. Bryant will help learners better understand what anti-racism means and how to demonstrate it in practice. She will outline clear, actionable steps to create change, not only at the administrative and leadership levels but also in the behavior and mindset of colleagues. In addition, Dr. Bryant will provide resources for those wanting to educate themselves, their children, their friends and colleagues.

Nancy J. Auer, MD, FACEP, was the first female president of the American College of Emergency Physicians in 1997-98 and served on the ACEP Board from 1991-99. The selection of the Auer Lecture is to recognize visionary leaders in emergency medicine who elevate the specialty through their ability to break through traditions, find innovative solutions and build consensus to resolve the challenges in emergency medicine.



Colin C. Rorrie, Jr. Lecture **Pandemic Policy Lessons From the Frontlines**

1:30-2:20 p.m. | Tuesday

Location: Room 253, BCEC

Faculty: Anne Zink, MD, FACEP; Steven J. Stack, MD, MBA, FACEP

In this lecture, you will hear from two emergency physicians who battled COVID from the frontlines in their emergency departments, as well as in the public eye on the political frontlines as the leader of their states' Departments of Health. Drs. Stack and Zink will discuss the personal and professional challenges, lessons learned and lasting state health policy changes that arose as a result of COVID.

Colin C. Rorrie, Jr., PhD, CAE, faithfully served the American College of Emergency Physicians from 1982-2003 as executive director. The selection of the Rorrie Lecture is based on the importance of the topic to the specialty of emergency medicine in the health policy arena.

EMRA Job and Fellowship Fair

5-7 p.m. | Monday

Location: Exhibit Hall C, BCEC

Calling all graduating residents and EM physicians of all tenure looking for new opportunities! EMRA's Job and Fellowship Fair delivers a one-of-a-kind networking opportunity with more than 70 employers who are looking for new staff. Use the Career Guide (pages 65-80) to consider some thoughtful questions about their contracts and policies, and use the QR codes to review Employer Profiles prior to attending the Fair.

Special Events

ALL ATTENDEES AND GUESTS MUST WEAR OFFICIAL ACEP21 BADGE FOR ALL EVENTS.

ACEP21 Kickoff Party

8-11 p.m. | Monday

Location: Ballroom, BCEC

Join us for an energetic party at the spectacular BCEC Ballroom. Put on your dancing shoes and jump right into a night of music, family-friendly activities, food, drinks and the opportunity to hang out with your emergency physician friends. Share hugs, swap stories and get that boost of inspiration that will rejuvenate you in a fully vaccinated environment.

Registered guests, including vaccinated spouses or others over 12 years old, may attend ACEP events after showing proof of vaccination and their ACEP21 guest badges. Because they are not currently eligible for COVID vaccines, children ages 11 and younger will not be able to attend the ACEP21 Kickoff Party.

NEMPAC VIP Donor Reception

By invitation only

6-8 p.m. | Sunday

Location: Contemporary Ballroom, Omni Boston Seaport
NEMPAC donors who have contributed \$600 or more in 2021 (\$60 or more for residents and medical students) are invited to celebrate NEMPAC's growth and success while mingling with other donors and NEMPAC and ACEP leaders.

Innovation Stage

Location: Room 256, BCEC and ACEP21 Platform

Experience forward thinking that drives change in the ED. Visit the Innovation Stage to hear game-changing presentations. Their innovative developments could impact your practice in emergency medicine.

Monday

EM Innovator of the Year: Digital Health Pitch Competition

10:45 a.m.-Noon
ACEP21 Platform

Tuesday

EM Innovator of the Year: Medical Device Pitch Competition

11:15 a.m.-12:15 p.m.
ACEP21 Platform

EM LIFERS Live Episode

3:30 -5 p.m.
ACEP21 Platform

EM Physician Innovator of the Year: Finals

2-3 p.m.

Wednesday

Drop the Mic!

1-2 p.m.

Exhibit Hall

Exhibits

9:30 a.m.-3:30 p.m. | Monday-Wednesday

Location: Hall A, BCEC

Grab coffee or soda while visiting the more than 190 exhibitors in the Exhibit Hall. Many exhibits feature hands-on product demonstrations and opportunities for one-on-one consultations with technical and marketing personnel. Breaks in the educational programming are provided each day with time to visit the Exhibit Hall.

While in the Exhibit Hall, be sure to:

- Visit the ACEP Bookstore and the CEDR booth
- Participate in one - or more - of the exciting Expert Theater presentations
- Enjoy complimentary coffee and soda during one of the break times. Or if you are still thirsty, buy a beer at the popular Brew Park, supported by TeamHealth.

Revenue from exhibiting companies directly supports the educational programs of ACEP21. This generous support enables ACEP to present the most comprehensive education



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

Emergency Department Design Team
Safe Environments – Reduced Stress – Pandemic Flexibility
Designing What You Need, Where You Need It!

HUDDY
ED Design

Visit Booth 2102
www.huddyhealthcare.com

The advertisement features a detailed floor plan of an emergency department. Key areas labeled include the EMS Corridor, Trauma, CT (Computed Tomography), Rapid Care, and Central Supply. The Huddy logo, which consists of a stylized 'H' and 'D' forming a mountain-like shape, is prominently displayed in the center. Below the logo, the text 'ED Design' is written in a large, bold font. At the bottom of the advertisement, there is a call to action: 'Visit Booth 2102' and the website 'www.huddyhealthcare.com'.

for emergency physicians found anywhere. To express your appreciation and interest, the Educational Meetings Subcommittee encourages you to visit as many exhibits as you can. Many of the products on display in the Exhibit Hall are potentially dangerous to unsupervised children. Therefore, at all times, an adult must accompany children younger than 18 years old. All guests must have a guest pass to enter. Visit the Registration Area for guest pass details. Under no circumstances are children or guests allowed in the exhibit area until the official opening of exhibits at 9:30 a.m. on Monday.

Lead Retrieval

Attendees' registration badges will serve as a lead retrieval system for the exhibitors. Exhibit personnel will be able to scan the barcode on the badge to get the information provided upon registration.

ACEP Bookstore

9:30 a.m.-3:30 p.m. | Monday-Wednesday

Location: Booth 3219, Exhibit Hall, BCEC

Stop by the ACEP Bookstore to get the latest emergency medicine titles, attend book signings and play The Daily Quiz game. Participate in the booth visitor card drawing for a chance to win one of our awesome prizes. Remember, ACEP members receive special pricing on products. Check the app for more details.

Wellness

Yoga / Meditation / Prayer Room

6 a.m.-6 p.m. | Monday-Wednesday

6 a.m.-1:30 p.m. | Thursday

Location: Room 261, BCEC

Need some downtime from the ACEP21 adrenaline rush? Yoga mats and prayer mats are provided for gathering yourself and restoring peace.

HeART of EM Gallery

ACEP21 Platform

Back by popular demand, we are celebrating our members' talents at ACEP21 through a virtual art gallery showcasing your art, music, video, storytelling, spoken word, comedy and everything in between.

Live Stream of Adorableness

ACEP21 Platform

Did you know that interaction with a trained animal companion can lower blood pressure, reduce physical pain and promote relaxation? While we can't have the fluff in Boston this year, you can live stream puppies and kittens to share a relaxation break.

Technology

ACEP21 Platform

All in-person registered attendees can also access the ACEP21 Platform to view On Demand educational courses, participate in additional learning events, socialize at evening events with at home participants, and more. Watch for the daily ACEP21 e-newsletters with instructions on how to access all this great additional content.

Mobile App

Download the ACEP21 mobile app to access the complete course and Research Forum schedules, map out your plans for the Exhibit Hall, search faculty bios and access presentations and course evaluations. Search for "Event Pilot," download the app and then use code "ACEP21." You will need to log in with the credentials you used when you registered online for your personal schedule to be available in the app.

Supported in part by Biolux

Virtual ACEP21

7:30 a.m.-6 p.m. | Monday-Wednesday

7:30 a.m.-2 p.m. | Thursday

Locations: ACEP Bookstore, Exhibit Hall, BCEC and NW Corner, Level 2, BCEC

Too many great sessions to attend? Want to revisit a course you attended? Need more CME credit?

Virtual ACEP21 is the perfect complement to your ACEP21 experience. You will have 24/7 access to all the ACEP21 presentations. Virtual ACEP21 includes access to the slides and audio from all courses presented during the conference. Our new integrated classroom brings everything together in a single, unified view.

- Contextual notes are tied to the replay of the session, slide by slide
- Playback at different speeds to slow down or speed up your experience
- Discuss and comment with your peers on specific slides, right from the online player
- Create a playback list of your favorite sessions to watch now or later.

Social Media #ACEP21

Tweet live from the conference and use **#ACEP21** to share the latest news or follow us **@ACEPNow**. See party pics, get updates from the Council meeting and educational sessions at **facebook.com/ACEPfan** and on Instagram **@ACEPnation**. Let your colleagues back home know what they are missing.

Want to see what ACEP is up to with health policy, advocacy and the public at large? Follow **@emergencydocs** on Twitter, too.

Want to put a face with a handle? Join us for the ACEP Communications Happy Hour from 6-7:30 p.m., Tuesday, at the Westin. Check the app for location details.

Thanks to the ACEP21 Social Media Team:

- Matt Astin, MD, FACEP.....@mastinmd
- Sirivalli Chamarti, MD.....@heysirimd
- Jeremy Faust, MD, MS.....@jeremyfaust
- Edward Lew, MD, FACEP.....@elewMD
- Alex Limkakeng, MD, FACEP.....@Alimkakeng
- Mike Lozano, MD, FACEP.....@thetampadoctor
- Ken Milne, MD.....@TheSGEM - the Skeptics's Guide to EM
- Shehni Nadeem, MD.....@ShehniNadeem
- Jason T. Nomura, MD, FACEP.....@Takeokun
- Megan L. Ranney, MD, MPH, FACEP...@meganranney
- Allen Roberts, MD, FACEP.....@gruntdoc
- Harry Sibold, MD, FACEP.....@HarrySiboldMD
- Ryan Stanton, MD, FACEP.....@everydayMed
- Manrique Umana, MD.....@umanamd
- Lauren Westafer, DO.....@lwestafer
- Liam Yore, MD, FACEP.....@movinmeat

ACEP Leadership

ACEP Board of Directors Meeting

8 a.m.-Noon | Thursday

Location: Harbor Ballroom II, Westin

The Board of Directors of the American College of Emergency Physicians conducted a regular business meeting on Friday, Oct. 22. The Board meets again on Thursday to consider Council resolutions and to elect the Chair of the Board, Secretary-Treasurer and Vice President for 2021-22. Board meetings are open to all members of the College.

Committee Meetings

The College's committees are holding meetings during ACEP21 – some in person and some virtually. Committee meetings are open to all ACEP members. See the Schedule of Events, beginning on page 27, for committee meetings information.

ACEP Boston Hotels

Aloft Boston Seaport 401-403 D St. 617-530-1600	Hampton Inn Seaport 670 Summer St. 857-356-3033	Omni Parker House 60 School St. 617-227-8600
Boston Park Plaza 50 Park Plaza at Arlington St. 617-426-2000	Homewood Suites Seaport 670 Summer St. 857-356-3033	Renaissance Boston Waterfront 606 Congress St. 617-338-4111
Colonnade Hotel 120 Huntington Ave. 617-424-7000	Hyatt Place Boston Seaport 295 Northern Ave. 857-328-1234	Seaport Hotel 1 Seaport Lane 617-385-4000
DoubleTree Boston Downtown 821 Washington St. 617-956-7900	Hyatt Regency One Avenue De Lafayette 617-912-1234	Sheraton Boston 39 Dalton St. 617-236-2000
Element Boston Seaport 394-395 D St. 617-530-1700	Loews Boston 154 Berkeley St. 877-872-3658	Westin Boston Waterfront 425 Summer St. 617-532-4600
Fairmont Copley Plaza 138 Saint James Ave. 617-267-5300	Marriott Copley 110 Huntington Ave. 617-236-5800	Westin Copley 10 Huntington Ave. 617-262-9600
Hampton Inn & Suites Crosstown Center 811 Massachusetts Ave. 617-445-6400	Omni Boston Hotel at Seaport 450 Summer St. 617-476-6664	YOTEL 65 Seaport Blvd. 617-377-4747



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The USB[™] is a combined bougie and stylet with enhanced performance characteristics. To find out more about the benefits the USB[™] has to offer, visit us at booth 1704



Sections of Membership

Annual meetings for the College's 40 sections of membership take place during ACEP21 – some in person and some virtually. If you are interested in joining a section, these annual meetings are a good opportunity to learn more and get involved in section activity. Section membership is open to all ACEP members. See the Schedule of Events, beginning on page 27, for section meetings information.

Onsite Information

Registration Hours

10 a.m.-5 p.m. | Sunday
 7 a.m.-6 p.m. | Monday-Tuesday
 7:30 a.m.-5:30 p.m. | Wednesday
 7:30 a.m.-1 p.m. | Thursday
Location: Lobby D, Level 2, BCEC

The course schedule you chose during registration is available on the ACEP21 mobile app.

COVID-19 Protocols & Policies

Your health is our No. 1 priority. Check the ACEP21 Mobile App and the daily e-newsletters for the most current information about health and safety protocols while at ACEP21.

- All ACEP21 attendees are required to be fully vaccinated and will be asked to show proof of vaccination each day to enter into the ACEP21 event space. Download the CLEAR app and create a secure, digital record of your vaccination to show each time you enter the ACEP event spaces.
- Masks will be required at all indoor events.
- Social distancing protocols will be honored.
- Daily health screening surveys will be used, and testing will be available.
- Vaccinated spouses or other family members, age 12 and over, may attend ACEP events after showing proof of vaccination like attendees. Because they are not currently eligible for COVID vaccines, children ages 11 and younger will not be able to attend ACEP events in Boston.



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

Name Badges

All registrants will be provided a name badge for use during the meeting. For security purposes, you will be required to wear your badge at all times, and badges will be scanned for admission to all official events. Individuals without a visible badge will not be permitted into the course rooms, Exhibit Hall, Kickoff Party or other official ACEP21 activities. You do not need to retain your badge to obtain CME credit. To have a badge replaced, visit the ACEP21 Registration area. Badges are non-transferrable.

Breaks

10:30 a.m.-12:30 p.m., 2:30-3:30 p.m. | Monday
 11 a.m.-12:30 p.m., 2:30-3:30 p.m. | Tuesday-Wednesday
Location: Exhibit Hall A, Brew Park, BCEC

7:30 a.m.-1 p.m. | Thursday
Location: NE Lobby A, Level 1, BCEC and NE Lobby, Level 2, BCEC

Complimentary coffee and sodas available daily.

Convention Office

7:30 a.m.-6 p.m. | Saturday-Sunday
 7 a.m.-6 p.m. | Monday-Tuesday
 7:30 a.m.-5:30 p.m. | Wednesday
 7:30 a.m.-2 p.m. | Thursday
Location: Room 252A, BCEC

If you have questions or comments while attending ACEP21, please stop by the Convention Office.

Lost and Found

Location: Room 252A, BCEC
 If you lose or find any items at the convention center or the hotels, you may check with the staff in the Convention Office. ACEP is not responsible for any lost or stolen property.

First Aid Station

Location: Room 150, Level 1, BCEC
 The convention center staff is responsible for treating medical emergencies and serves as liaison to emergency-care agencies. If an emergency takes place outside the convention center, dial 911 for assistance.

Nursing Mother's Lounge

8 a.m.-6 p.m. | Saturday-Wednesday
 8 a.m.-2 p.m. | Thursday
Location: Room 101, Level 1, BCEC

8 a.m.-6 p.m. | Friday-Wednesday
 8 a.m.-2 p.m. | Thursday
Location: Westin

Americans With Disabilities Act

In accordance with the Americans With Disabilities Act, ACEP uses only facilities that are in compliance. If you require special assistance while attending ACEP21, contact ACEP staff at conventionoffice@acep.org or visit Room 252A, BCEC.

Meeting Conduct Policy

ACEP prohibits any form of harassment, sexual or otherwise, as set forth in its Non-Discrimination and Harassment Policy. Accordingly, some behaviors are specifically prohibited, whether directed at other attendees, ACEP staff, speakers, exhibitors or event venue staff:

- Harassment or discrimination based on race, religion, gender, sexual orientation, gender identity, gender expression, disability, ethnicity, national origin or other protected status
- Sexual harassment or intimidation, including unwelcome sexual attention, stalking (physical or virtual) or unsolicited physical contact
- Yelling at, threatening or personally insulting speakers (verbally or physically)

Reflections Lounge

8 a.m.-5:30 p.m. | Monday-Wednesday

8 a.m.-1 p.m. | Thursday

Location: Northwest Lobby, Level 2, BCEC

The last 18 months have taken an emotional and exhaustive toll on you and your teams on the frontlines of health care. We have lost friends and colleagues, we have grieved with patients and their loved ones, we have put ourselves and our own families in danger. For many of us, ACEP21 is the first time we are able to see our friends who really understand what we have been through. The quiet "Reflections" space is dedicated to remembering and honoring those we lost and all that we've been through together. ACEP has always meant family. We were there for you then ... and we are here for you now.

Candlelight Vigil

7:30-8 p.m. | Monday

Location: Ballroom, BCEC

Join your peers to memorialize and honor all the health care professionals lost to the COVID-19 pandemic. This respectful event offers a way for the emergency medicine community to come together as one to celebrate their lives and mourn their loss as we all continue our healing process.

ACEP ONLINE LEARNING COLLABORATIVE

Learn more at the ACEP Bookstore
Booth #3219

acep.org/OLC



Addiction
Pain & Pain Management
Airway Management
Professional Skills
Wellness
Management
Procedures & Skills
Imaging
Trauma
Technology
Autoimmune
Genetic Disorders
Infectious Disease
Pediatrics
Cardiovascular
Specialties
Stroke
Geriatrics
Palliative Care
Orthopedics
Pulmonary
Toxicology
Sex & Gender

DON'T LET 2021 SLIP BY

GET YOUR CME EDUCATION NEEDS TODAY



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The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The first and only specific reversal agent for Eliquis® (apixaban)- or Xarelto® (rivaroxaban)-treated patients with life-threatening or uncontrolled bleeding.¹

RAPID. SPECIFIC. REVERSAL. IN JUST *following bolus and*

93% decrease in anti-FXa activity[†] in patients with acute major bleeding taking Eliquis and Xarelto^{†*}

^{*}ANNEXA-A and ANNEXA-R were two Phase 3 studies designed to establish the efficacy and safety of ANDEXXA for the reversal of anticoagulation with apixaban or rivaroxaban in older, healthy volunteers vs placebo. The primary endpoint of both studies was mean percent change in anti-FXa activity, from baseline to nadir, for the low-dose and high-dose regimens of bolus followed by continuous infusion. In ANNEXA-A and ANNEXA-R, 23/31 and 26/39 patients received ANDEXXA, respectively.¹

[†]From baseline to nadir.¹

^{*}ANNEXA-4 was a Phase 3b/4 multinational, prospective, single-arm, open-label study in which ANDEXXA was administered to patients (N=352) taking FXa inhibitors who presented with acute major bleeding. A primary endpoint was percent change from baseline in anti-FXa activity. Nadir was measured between 5 minutes after bolus until the end of the infusion.¹

INDICATION

ANDEXXA (coagulation factor Xa (recombinant), inactivated-zhzo) is a recombinant modified human factor Xa (FXa) protein indicated for patients treated with rivaroxaban or apixaban, when reversal of anticoagulation is needed due to life-threatening or uncontrolled bleeding. This indication is approved under accelerated approval based on the change from baseline in anti-FXa activity in healthy volunteers. An improvement in hemostasis has not been established. Continued approval for this indication may be contingent upon the results of studies that demonstrate an improvement in hemostasis in patients.

Limitations of Use

ANDEXXA has not been shown to be effective for, and is not indicated for, the treatment of bleeding related to any FXa inhibitors other than apixaban or rivaroxaban.

SELECT IMPORTANT SAFETY INFORMATION

WARNING: THROMBOEMBOLIC RISKS, ISCHEMIC RISKS, CARDIAC ARREST, AND SUDDEN DEATHS

See full prescribing information for complete boxed warning

Treatment with ANDEXXA has been associated with serious and life-threatening adverse events, including:

- Arterial and venous thromboembolic events
- Ischemic events, including myocardial infarction and ischemic stroke
- Cardiac arrest
- Sudden deaths

Monitor for thromboembolic events and initiate anticoagulation when medically appropriate. Monitor for symptoms and signs that precede cardiac arrest and provide treatment as needed.

WARNINGS AND PRECAUTIONS

Thromboembolic and Ischemic Risks

The thromboembolic and ischemic risks were assessed in 352 bleeding subjects who received ANDEXXA. Of the 63 subjects who experienced a thrombotic event, the median time to first event was 7 days, and 21 subjects experienced the event within the first three days. A total of 63 (18%) experienced 88 thromboembolic or ischemic events. Of the 352 subjects who received ANDEXXA, 223 received at least one anticoagulation dose within 30 days after treatment. Of these 223, 18 subjects (8%) had a thrombotic event and/or ischemic event after resumption.

Monitor patients treated with ANDEXXA for signs and symptoms of arterial and venous thromboembolic events, ischemic events, and cardiac arrest. To reduce thromboembolic risk, resume anticoagulant therapy as soon as medically appropriate following treatment with ANDEXXA.

The safety of ANDEXXA has not been evaluated in patients who experienced thromboembolic events or disseminated intravascular coagulation within two weeks prior to the life-threatening bleeding event requiring treatment with ANDEXXA. Safety of ANDEXXA also has not been evaluated in patients who received prothrombin complex concentrates, recombinant factor VIIa, or whole blood products within seven days prior to the bleeding event.

2 MINUTES
sustained throughout the 2-hour IV infusion.^{1}*

SELECT IMPORTANT SAFETY INFORMATION

Re-elevation or Incomplete Reversal of Anti-FXa Activity

The time course of anti-FXa activity following ANDEXXA administration was consistent among the healthy volunteer studies and the ANNEXA-4 study in bleeding patients. Compared to baseline, there was a rapid and substantial decrease in anti-FXa activity corresponding to the ANDEXXA bolus. This decrease was sustained through the end of the ANDEXXA continuous infusion. The anti-FXa activity returned to the placebo levels approximately two hours after completion of a bolus or continuous infusion. Subsequently, the anti-FXa activity decreased at a rate similar to the clearance of the FXa inhibitors.

Seventy-one subjects were anticoagulated with apixaban and had baseline levels of anti-FXa activity > 150 ng/mL. Nineteen subjects who were anticoagulated with rivaroxaban had elevated baseline anti-FXa activity levels >300 ng/mL. Forty-eight of the 71 apixaban-treated subjects (68%) experienced a > 90% decrease from baseline anti-FXa activity after administration of ANDEXXA. Ten of the 19 rivaroxaban subjects (53%) experienced a > 90% decrease from baseline anti-FXa activity after administration of ANDEXXA.

Use of Heparin Following Administration of ANDEXXA

ANDEXXA may interfere with the anticoagulant effect of heparin. Use of ANDEXXA as an antidote for heparin has not been established. Avoid use of ANDEXXA for the reversal of direct FXa inhibitors (apixaban and rivaroxaban) prior to heparinization as ANDEXXA may cause unresponsiveness to heparin. If anticoagulation is needed, use an alternative anticoagulant to heparin.

ADVERSE REACTIONS

The most common adverse reactions (≥ 5%) in bleeding patients receiving ANDEXXA were urinary tract infections and pneumonia.

The most common adverse reactions (≥ 3%) in healthy subjects treated with ANDEXXA were infusion-related reactions.

APIXABAN
RIVAROXABAN

AVAILABLE



NATIONWIDE

Immunogenicity

As with all therapeutic proteins, there is the potential for immunogenicity. Using an electrochemiluminescence (ECL)-based assay, 145 ANDEXXA-treated healthy subjects were tested for antibodies to ANDEXXA as well as antibodies cross-reacting with Factor X (FX) and FXa. Low titers of anti-ANDEXXA antibodies were observed in 26/145 healthy subjects (17%); 6% (9/145) were first observed at Day 30 with 20 subjects (14%) still having titers at the last time point (Days 44 to 48). To date, the pattern of antibody response in patients in the ongoing ANNEXA-4 study has been similar to that observed in healthy volunteers. Of the 236 subjects with available samples, 6.8% (16/236) had antibodies against ANDEXXA. None of these anti-ANDEXXA antibodies were neutralizing. No neutralizing antibodies cross-reacting with FX or FXa were detected in healthy subjects (0/145) or in bleeding patients (0/209) to date.

To report SUSPECTED ADVERSE REACTIONS, call 1-866-777-5947 or contact the FDA by visiting www.fda.gov/medwatch, or calling 1-800-FDA-1088.

Please see Brief Summary of full Prescribing Information, including Boxed Warning on thromboembolic risks, ischemic risks, cardiac arrest, and sudden death, on the following page.

Reference: 1. Andexxa [prescribing information]. South San Francisco, CA: Portola Pharmaceuticals, Inc.; 2020.

For further information, please visit
ANDEXXA.com

Andexxa
Coagulation Factor Xa
(Recombinant), Inactivated-zhzo
MINUTES MATTER

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ANDEXXA® (coagulation factor Xa (recombinant), inactivated-zhzo)
Lyophilized Powder for Solution for Intravenous Injection

Rx Only

BRIEF SUMMARY OF FULL PRESCRIBING INFORMATION.

This does not include all the information needed to use ANDEXXA® safely and effectively. See full Prescribing Information for ANDEXXA®.

WARNING: THROMBOEMBOLIC RISKS, ISCHEMIC RISKS, CARDIAC ARREST, AND SUDDEN DEATHS

See full prescribing information for complete boxed warning

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- Ischemic events, including myocardial infarction and ischemic stroke
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Monitor for thromboembolic events and initiate anticoagulation when medically appropriate. Monitor for symptoms and signs that precede cardiac arrest and provide treatment as needed.

INDICATIONS AND USAGE

ANDEXXA is indicated for patients treated with rivaroxaban or apixaban, when reversal of anticoagulation is needed due to life-threatening or uncontrolled bleeding. This indication is approved under accelerated approval based on the change from baseline in anti-FXa activity in healthy volunteers. An improvement in hemostasis has not been established. Continued approval for this indication may be contingent upon the results of studies that demonstrate an improvement in hemostasis in patients.

Limitations of Use

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CONTRAINDICATIONS

None.

WARNINGS AND PRECAUTIONS

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The thromboembolic and ischemic risks were assessed in 352 bleeding subjects who received ANDEXXA. Of the 63 subjects who experienced a thrombotic event, the median time to first event was 7 days, and 21 subjects experienced the event within the first three days. A total of 63 (18%) experienced 88 thromboembolic or ischemic events. Of the 352 subjects who received ANDEXXA, 223 received at least one anticoagulation dose within 30 days after treatment. Of these 223, 18 subjects (8%) had a thrombotic event and/or ischemic event after resumption.

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ADVERSE REACTIONS

The most common adverse reactions (≥ 5%) in bleeding subjects receiving ANDEXXA were urinary tract infections and pneumonia.

The most common adverse reactions (≥ 3%) in healthy subjects treated with ANDEXXA were infusion-related reactions.

Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice.

In the pooled safety analysis of clinical trials of ANDEXXA, 223 healthy volunteers received FXa inhibitors, followed by treatment with ANDEXXA. The frequency of adverse reactions was similar in the ANDEXXA-treated group (120/223; 54%) and in the placebo-treated group (54/94; 57%). Infusion-related adverse reactions occurred in 18% (39/223) of the ANDEXXA-treated group and were the only type of adverse

reaction that occurred more frequently than in the placebo group. No serious or severe adverse reactions were reported.

The ANNEXA-4 study is an ongoing multinational, prospective, open-label study using ANDEXXA in subjects presenting with acute major bleeding and who have recently received an FXa inhibitor.

To date, safety data are available for 352 subjects. Sixty-three percent of the 352 subjects were 75 years or older. Subjects had received either apixaban (194/352; 55%) or rivaroxaban (128/352; 36%) as anticoagulation treatment for atrial fibrillation (286/352; 81%) or venous thromboembolism (87/352; 25%). In the majority of subjects, ANDEXXA was used to reverse anticoagulant therapy following either an intracranial hemorrhage (227; 64%) or a gastrointestinal bleed (90; 26%), with the remaining 35 subjects (10%) experiencing bleeding at other sites. Subjects were assessed at a Day 30 follow-up visit following infusion with ANDEXXA.

Deaths

In the ongoing ANNEXA-4 study, of the 352 subjects completing 30-day safety follow-up, there were 54 deaths (15%) occurring prior to the Day 30 visit. The number of cardiovascular deaths, including three with unknown causes and two that were un adjudicated, was 42 of 352 (12%), and the number of non-cardiovascular deaths was 12 (3%). Twenty (37%) subjects died within ten days after the ANDEXXA infusion. All subjects died prior to Day 45. Of the 54 subjects who died, the bleeding type was intracranial bleeding in 37 (69%), gastrointestinal bleeding in 12 (22%), and other bleeding types in 5 (9%) subjects.

Thromboembolic and Ischemic Events

In the ANNEXA-4 study, 63/352 (18%) subjects experienced one or more of the following overall thromboembolic events: cerebrovascular accident (CVA) (16/63; 25%), deep venous thrombosis (16/63; 25%), acute myocardial infarction (10/63; 16%), pulmonary embolism (5/63; 8%), and transient ischemic attack (1/63; 2%). The median time to event was seven days. A total of 33% of subjects with thromboembolic events (21/63) experienced the thromboembolic event during the first three days. Of the 352 subjects who received ANDEXXA, 223 received at least one anticoagulation dose within 30 days after treatment. Of these 223, 18 subjects (8%) had a thrombotic event and/or ischemic event after resumption.

No thromboembolic events were observed in 223 healthy volunteers who received FXa inhibitors and were treated with ANDEXXA.

Infusion-Related Reactions

Infusion-related reactions occurred in 18% (39/223) of ANDEXXA-treated healthy volunteers vs. 6% (6/94) of placebo-treated subjects. These reactions were characterized by a range of symptoms, including flushing, feeling hot, cough, dysgeusia, and dyspnea. Symptoms were mild to moderate in severity, and 90% (35/39) did not require treatment. One subject with a history of hives prematurely discontinued ANDEXXA after developing mild hives. Two of 352 (0.6%) subjects in the ANNEXA-4 study experienced an infusion-related reaction.

Immunogenicity

As with all therapeutic proteins, there is the potential for immunogenicity. Using an electrochemiluminescence (ECL)-based assay, 145 ANDEXXA-treated healthy subjects were tested for antibodies to ANDEXXA as well as for antibodies cross-reacting with factor X (FX) and FXa. Low titers of anti-ANDEXXA antibodies were observed in 26/145 healthy subjects (17%); 6% (9/145) were first observed at Day 30, with 20 subjects (14%) still having titers at the last time point (Days 44 to 48). To date, the pattern of antibody response in subjects in the ongoing ANNEXA-4 study has been similar to that observed in healthy volunteers. Of the 236 subjects with available samples, 6.8% (16/236) had antibodies against ANDEXXA. None of these anti-ANDEXXA antibodies were neutralizing. No neutralizing antibodies cross-reacting with FX or FXa were detected in healthy subjects (0/145) or in bleeding subjects (0/209) to date.

Detection of antibody formation is highly dependent on the sensitivity and specificity of the assay. Additionally, the observed incidence of antibody (including neutralizing antibody) positivity in an assay may be influenced by several factors, including assay methodology, sample handling, timing of sample collection, concomitant medications, and underlying disease. For these reasons, comparison of the incidence of antibodies to ANDEXXA with the incidence of antibodies to other products may be misleading.

USE IN SPECIFIC POPULATIONS

Pregnancy

Risk Summary

There are no adequate and well-controlled studies of ANDEXXA in pregnant women to inform patients of associated risks. Animal reproductive and developmental studies have not been conducted with ANDEXXA.

In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively.

Labor or Delivery

The safety and effectiveness of ANDEXXA during labor and delivery have not been evaluated.

Lactation

Risk Summary

There is no information regarding the presence of ANDEXXA in human milk, the effects on the breastfed child, or the effects on milk production.

The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for ANDEXXA and any potential adverse effects on the breastfed child from ANDEXXA or from the underlying maternal condition.

Pediatric Use

The safety and efficacy of ANDEXXA in the pediatric population have not been studied.

Geriatric Use

Of the 352 subjects in the ANNEXA-4 study of ANDEXXA, 314 were 65 years of age or older, and 231 were 75 years of age or older. No overall differences in safety or efficacy were observed between these subjects and younger subjects, and other reported clinical experience has not identified differences in responses between elderly and younger subjects; however, greater sensitivity of some older individuals cannot be ruled out. The pharmacokinetics of ANDEXXA in healthy older (≥65 years; n=10) subjects were not different compared to younger (18-45 years; n=10) subjects.

Portola Pharmaceuticals, Inc.



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September 2020

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Throughout ACEP21, the outstanding achievements of the 2021 Leadership Award recipients will be honored.



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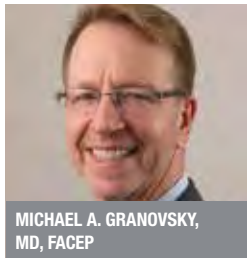
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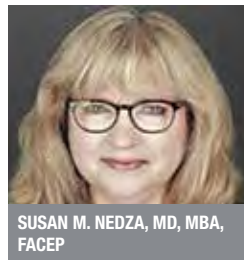
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The Emergency Medicine Foundation (EMF) is a non-profit 501(c)3 which funds emergency medicine research and develops emergency physician investigators to improve patient care. For 49 years, EMF has invested more than \$18 million to research critical treatments, practices, health policies and to ensure emergency medicine research keeps pace with our rapidly changing world.

Schedule of Events

Friday

3-6 p.m.

EMF Council Challenge

Ballroom Foyer, Ballroom, BCEC

Saturday

7 a.m.-6 p.m.

EMF Council Challenge

Ballroom Foyer, Ballroom, BCEC

Sunday

7 a.m.-6 p.m.

EMF Council Challenge

Ballroom Foyer, Ballroom, BCEC

Monday

7 a.m.-4 p.m.

EMF Major Donor Lounge

By invitation only

Room 208, BCEC

9 a.m.-4 p.m.

EMF Silent Auction

NW Lobby, Level 1, BCEC

Tuesday

7 a.m.-4 p.m.

EMF Major Donor Lounge

By invitation only

Room 208, BCEC

11 a.m.-2 p.m.

EMF Board of Trustees Meeting

Virtual - check mobile app for details

9 a.m.-4 p.m.

EMF Silent Auction

NW Lobby, Level 1, BCEC

Noon-2 p.m.

EMF Grantee and Awards Showcase

Room 159, BCEC

Wednesday

9 a.m.-4 p.m.

EMF Silent Auction

NW Lobby, Level 1, BCEC



25th ACEP Council EMF Challenge

ACEP Council members have contributed more than \$2.5 million since the challenge inception, demonstrating their commitment to fund research that fuels the specialty.

EMF Major Donor Lounge

By invitation only

You are a BIG DEAL to us! Donors who give \$600 in 2021 can relax in this private room with complimentary refreshments.

EMF Silent Auction


We are going live and online to benefit research that impacts YOUR practice. Memorabilia, art, jewelry and more.

EMF Exhibits With A Cause Exhibit Hall, BCEC

Stop by the American Physician Partners Booth #2609 and the Vapotherm Booth #3200 for fun, in-booth promotions that will benefit EMF research.

EMF Grantee and Awards Showcase

See how your donor dollars are spent on practice-changing research by EMF grant recipients.



Please Join Us In-Person and/or Virtually for Expert Theater Presentations
at the American College of Emergency Physicians Scientific Assembly 2021

Advancements in VTE Prophylaxis of Acutely Ill Medical Patients and Treatment of DVT/PE

EXPERT THEATER 1: VIRTUAL

Tuesday, October 26, 2021
11:30 AM – 12:15 PM ET

James Neuenschwander, MD, FACEP, FASAM
Research Director and Attending Physician
Genesis Healthcare System Emergency Department
Adjunct Associate Professor
The Ohio State University
Columbus, Ohio

EXPERT THEATER 2: IN-PERSON

Wednesday, October 27, 2021
11:30 AM – 12:15 PM ET

Stanley C. Thompson, MD, MHA, FACEP
Chief Clinical Officer
TeamHealth LifePoint Group
Knoxville, Tennessee

Boston Convention and Exhibition Center
Exhibit Hall A
Boston, Massachusetts

PROGRAM DESCRIPTION

This lecture will discuss venous thromboembolism (VTE) prophylaxis, as well as treatment options for patients with deep vein thrombosis (DVT) and/or pulmonary embolism (PE), and how these treatment options may reduce the risk of recurrent thrombotic events.

In adherence with PhRMA guidelines, spouses or other guests are not permitted to attend company-sponsored programs.

For all attendees, please be advised that information such as your name and the value and purpose of any educational item, meal, or other items of value you receive may be publicly disclosed. If you are licensed in any state or other jurisdiction, or are an employee or contractor of any organization or governmental entity, that limits or prohibits meals from pharmaceutical companies, please identify yourself so that you (and we) are able to comply with such requirements.

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Donations between January 1, 2020 through August 30, 2021.

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Special Events

NEMPAC Councillor Challenge

7 a.m.-6 p.m. | Saturday-Sunday
Location: Ballroom Foyer, Ballroom, BCEC

The ACEP Board of Directors and Council collectively donate nearly \$250,000 annually to NEMPAC. This two-day event will challenge Council representatives from ACEP chapters, ACEP sections and EMRA to reach 100 percent participation in NEMPAC in 2021. Their solid, continued commitment encourages all ACEP members to support NEMPAC to increase the political clout and influence of the specialty.

NEMPAC "Give-a-Shift" Donor Lounge

By invitation only
8 a.m.-4 p.m. | Monday-Wednesday
Location: Room 209, BCEC
ACEP members who have donated at the "Give-a-Shift" level (\$1,200

for attendings, \$120 for residents, \$365 for transitioning and retired members) in 2021 are invited to visit and enjoy this private lounge with complimentary beverages, boxed lunch, snacks, television and business center amenities. NEMPAC Board members and staff will be available to discuss NEMPAC's mission and activities in the 2022 election cycle.

NEMPAC VIP Donor Reception

By invitation only
6-8 p.m. | Sunday
Location: Contemporary Ballroom, Omni Boston Seaport
NEMPAC donors who have contributed \$600 or more in 2021 (\$60 or more for Residents and Medical Students) are invited to celebrate NEMPAC's growth and success while mingling with other donors and NEMPAC and ACEP leaders.

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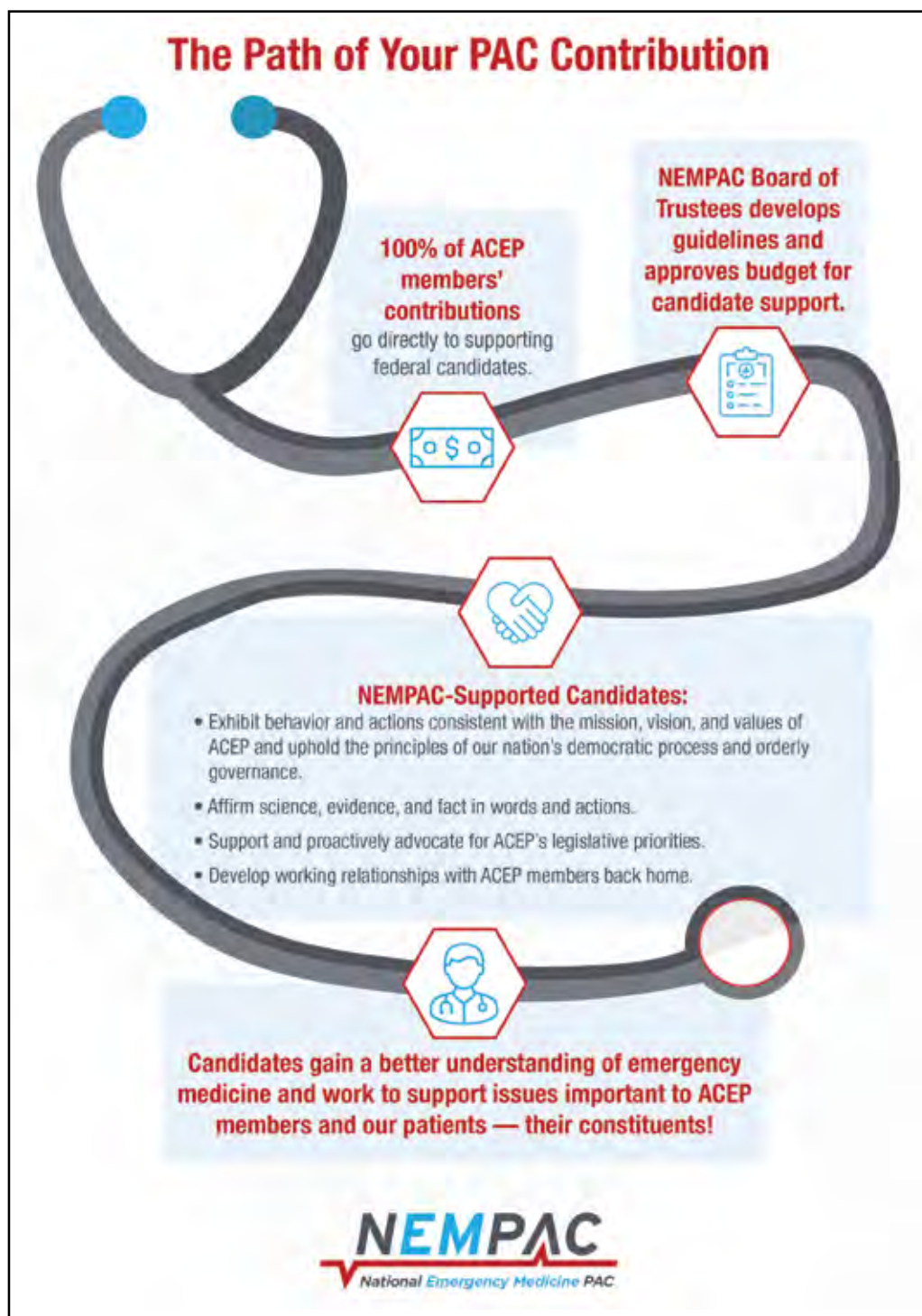
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Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

For details about education sessions, see pages 41-53.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

SATURDAY

7 a.m.-6 p.m.

■ Councillor Credentialing Open
BCEC, Level 3, Ballroom Foyer

7 a.m.-6 p.m.

■ EMF Council Challenge
BCEC, Ballroom Level, Ballroom Foyer

7 a.m.-6 p.m.

■ NEMPAC Councillor Challenge
BCEC, Ballroom Level, Ballroom Foyer

8 a.m.-5 p.m.

■ CEDR at Council
BCEC, Ballroom Level 3, Ballroom Foyer

8 a.m.-6 p.m.

■ Council Meeting
BCEC, Level 3, Ballroom

9 a.m.-4:30 p.m.

■ Council Reference Committee A Meeting
BCEC, Level 2, 204A

9 a.m.-4:30 p.m.

■ Council Reference Committee B Meeting
BCEC, Level 2, 205A

9 a.m.-4:30 p.m.

■ Council Reference Committee C Meeting
BCEC, Level 2, 206A

9 a.m.-4:30 p.m.

■ Council Reference Committee D Meeting
BCEC, Level 2, 210A

11 a.m.-12:30 p.m.

■ Council Reference Committee Luncheon
BCEC, Level 2, NW Pre-function

2:30-4:30 p.m.

■ Candidates Waiting Room
BCEC, Level 2, 203

5-7 p.m.

International Networking Reception
Check mobile app for details

6:15-7:15 p.m.

■ Candidate Reception
Westin, Lobby Level, Marina Ballroom I

7-10 p.m.

■ EMRA Board of Directors Executive Session
Omni, Level 2, Bravo

SUNDAY

6-8 a.m.

■ EMRA Board of Directors Executive Session
Omni, Level 2, Bravo

7 a.m.-6 p.m.

■ Councillor Credentialing Open
BCEC, Level 3, Ballroom Foyer

7 a.m.-6 p.m.

■ EMF Council Challenge
BCEC, Ballroom Level, Ballroom Foyer

7 a.m.-6 p.m.

■ NEMPAC Councillor Challenge
BCEC, Ballroom Level, Ballroom Foyer

8 a.m.-4:30 p.m.

Counter-Narcotics and Terrorism Operational Medical Support (CONTOMS) Medical Director's Course
Off-site: Check mobile app for details

8 a.m.-5 p.m.

AMIA 10x10 Informatics Education Program
BCEC, Level 1, Room 102B

8 a.m.-5 p.m.
Emergency Ultrasound Management Course – Advanced
BCEC, Level 1, 155

8 a.m.-5 p.m.
Emergency Ultrasound Management Course – Core
BCEC, Level 1, 156A

8 a.m.-5 p.m.
CEDR at Council
BCEC, Ballroom Level 3, Ballroom Foyer

8 a.m.-5:30 p.m.
Mass Casualty Medical Operations Management Course
Off-site: Check mobile app for details

8 a.m.-6 p.m.
Council Meeting
BCEC, Level 3, Ballroom

8 a.m.-10 p.m.
EMRA Board Pop Up
Omni, Level 2, Bravo

9 a.m.-4:30 p.m.
CORD Residency Administration Fellowship (RAF)
Omni, Level 2, Audition

10:30 a.m.-2 p.m.
The 4Ms and Geriatric Emergency Care
Check mobile app for details

For details about education sessions, see pages 41-53.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

Noon-1:30 p.m.
Council Awards Luncheon
BCEC, Level 3, Ballroom

12:30-2:30 p.m. VIRTUAL
International Section Education Session
Check mobile app for details

3-4:30 p.m. VIRTUAL
Pain and Addiction Care in the ED (PACED) Accreditation
BCEC, Level 2, 203

6-8 p.m.
NEMPAC VIP Reception (by invitation only)
Omni, Level 3, Contemporary Ballroom

MONDAY

6 a.m.-6 p.m.
Yoga/Meditation/Prayer Room Open
BCEC, Level 2, 261

7-8 a.m.
AA Meeting
Westin, Lobby Level, Quincy

7-8 a.m.
Satellite Symposium (AstraZeneca, Bristol Myers Squibb, and Merck & Co., Inc.): Maintaining Vigilance in the Emergency Department in the Era of Immuno-Oncology: Be Aware, Stay Alert, and Change Your Practice to Ensure Rapid and Accurate Recognition, Triage, Diagnosis, and Treatment of Immune-Related Toxicities
Check mobile app for details

7 a.m.-4 p.m.
EMF Major Donor Lounge Open
BCEC, Level 2, 208

8 a.m.-4 p.m.
NEMPAC “Give-a-Shift” Donor Lounge Open
BCEC, Level 2, 209

8 a.m.-5:30 p.m.
Education Program
BCEC

8 a.m.-6 p.m.
Corporate Meetings / Focus Group 1
BCEC, Level 1, 155

8 a.m.-6 p.m.
Corporate Meetings / Focus Group 2
BCEC, Level 1, 158

8 a.m.-6 p.m.
EMRA*Cast 1
Omni, Level 5, Observatory

8 a.m.-6 p.m.
EMRA*Cast 2
Omni, Level 5, Lab

9-10:30 a.m.
Opening General Session
BCEC, Ballroom Level, Ballroom

9 a.m.-4 p.m.
EMF Silent Auction Open
BCEC, Level 1, NW Lobby

9 a.m.-6 p.m.
Research Forum
Check mobile app for details

9:30-11:30 a.m.
International Section Steering Committee Meeting
Check mobile app for details

9:30 a.m.-3:30 p.m.
ACEP Bookstore Open
BCEC, Exhibit Level, Booth 3219

9:30 a.m.-3:30 p.m.
Brew Park Presented by TeamHealth Open
BCEC, Exhibit Level

9:30 a.m.-3:30 p.m.
CEDR / E-QUAL Booth Open
BCEC, Exhibit Level

9:30 a.m.-3:30 p.m.
Frontline Podcast Booth Open
Check mobile app for details

9:30 a.m.-3:30 p.m.
Learning Lounge Open
BCEC, Exhibit Level

10:30-11:30 a.m.
Compensation Committee Meeting
Westin, Mezzanine Level, Executive Boardroom

10:30 a.m.-Noon VIRTUAL
Pain and Addiction Care in the ED (PACED) Board Meeting
Check mobile app for details

10:30 a.m.-Noon
Reimbursement Committee Meeting
BCEC, Level 2, 259A

10:30 a.m.-12:30 p.m.
Attendee Refreshment Break
BCEC, Exhibit Level, Exhibit Halls A-B2

10:30 a.m.-12:30 p.m.
Public Health & Injury Prevention Committee Meeting
Westin, Lobby Level, Otis

10:30 a.m.-12:30 p.m.
Quality & Patient Safety Committee Meeting
Westin, Harbor Level, Griffin

11 a.m.-12 p.m.
Alternative Payment Model Task Force
BCEC, Level 1, 102A

11 a.m.-1 p.m.
EMS-Prehospital Care Section Meeting
Check mobile app for details

11 a.m.-1 p.m.
Rural Emergency Medicine Section Meeting
BCEC, Level 1, 106

11 a.m.-Noon
Chapter Executives Forum
BCEC, Level 2, 204B

11 a.m.-12:30 p.m.
AMA Section Council on Emergency Medicine Meeting
BCEC, Level 2, 203

11:15 a.m.-12:30 p.m.
Educational Meetings Committee Orientation Luncheon
BCEC, Level 2, 251

Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

11:30 a.m.-1 p.m.

Past Presidents & Past Speakers Luncheon
Westin, Mezzanine Level, Hale

11:30 a.m.-12:15 p.m.

Expert Theater: Alexion: Andexxa
BCEC, Exhibit Level, Theater #1

11:30 a.m.-12:15 p.m.

Expert Theater: BTG Specialty Pharmaceuticals: Antivenom Use in the Alpha-Galaxy
BCEC, Exhibit Level, Theater #2

12:30 p.m.-3:30 p.m.

Ethics Committee Meeting
Westin, Mezzanine Level, Faneuil

1-2 p.m.

NEMPAC Board of Trustees Meeting
Westin, Concourse Level, Grand Ballroom A

1-2:30 p.m.

Geriatric Emergency Department Accreditation Program Board Meeting
Westin, Lobby Level, Quincy

1-2:30 p.m.

Coding & Nomenclature Advisory Committee Meeting
BCEC, Level 2, 259 A

1-3 p.m.

Critical Decisions in Emergency Medicine Editorial Board Meeting
Check mobile app for details

1-3 p.m.

Cruise Ship Medicine Section Meeting
Check mobile app for details

1-3 p.m.

Emergency Medicine Practice Management & Health Policy Section Meeting
Westin, Concourse Level, Commonwealth Ballroom A

1-3 p.m.

Forensic Medicine Section Meeting
Westin, Mezzanine Level, Adams

1-3 p.m.

Palliative Medicine Section Meeting
BCEC, Level 1, 103

1-3 p.m.

Toxicology Section Meeting
Westin, Lobby Level, Stone

1-3 p.m.

Young Physicians Section Meeting
Check mobile app for details

1-3:30 p.m.

Emergency Ultrasound Section Meeting
Westin, Concourse Level, Grand Ballroom B

1:30-3:30 p.m.

Health Innovation & Technology Committee Meeting
BCEC, Level 1, Room 108

1:30-3:30 p.m.

Emergency Medicine Informatics Section Meeting
BCEC, Level 2, 260

1:30-4 p.m.

Emergency Medical Services (EMS) Committee Meeting
Check mobile app for details

2-4 p.m.

Membership Committee Meeting
BCEC, Level 2, 203

2-4 p.m.

Pain Management and Addiction Medicine (PMAM) Section Meeting
BCEC, Level 1, 106

2:30-3:15 p.m.

Expert Theater: Abbott POC: The Cutting-Edge of Brain Injury Evaluation in the ED: Using Biomarkers for Objective Assessment of Suspected Mild Traumatic Brain Injury (mTBI)
BCEC, Exhibit Level, Theater #2

2:30-3:15 p.m.

Expert Theater: Ceribell, Inc.: Non-convulsive Seizures and the Need for Rapid Brain Monitoring in the Emergency Department
BCEC, Exhibit Level, Theater #1

2:30-3:30 p.m.

Attendee Refreshment Break
BCEC, Exhibit Level, Exhibit Halls A-B2

2:30-4 p.m.

Emergency Physician Workforce Task Force
Westin, Mezzanine Level, Executive Board Room

3-4:30 p.m.

Federal Government Affairs Committee Meeting
Westin, Concourse Level, Grand Ballroom A

3-4:30 p.m.

International Section Business Meeting
Check mobile app for details

3-5 p.m.

Emergency Medicine Practice Committee Meeting
Westin, Concourse Level, Commonwealth Ballroom C

3:30-4:30 p.m.

ED Information System Task Force
Westin, Lobby Level, Paine

3:30-5 p.m.

EM LIFERS Live Episode - Hosted by YPS
Check mobile app for details

3:30-5 p.m.

Medical-Legal Committee Meeting
BCEC, Level 2, 259 A

3:30-5 p.m.

Exhibitor Registration - EMRA Job & Fellowship Fair
BCEC, Exhibit Level, Exhibit Hall C

4-5 p.m.

Air Medical Transport Section Meeting
Westin, Lobby Level, Otis

4-6 p.m.

Well-Being Committee Meeting
Check mobile app for details

4:30-6 p.m.

National/Chapter Relations Committee Meeting
BCEC, Level 2, 204B

4:30-6:30 p.m.

Quality Measures Meeting
Westin, Lobby Level, Revere

5-6 p.m.

Online Education Subcommittee Meeting
Westin, Mezzanine Level, Executive Board Room

5-7 p.m.

EMRA Job & Fellowship Fair
BCEC, Exhibit Level, Exhibit Hall C

7:30-8 p.m.

Candlelight Vigil
BCEC, Ballroom Foyer

8-11 p.m.

ACEP21 Kickoff Party
BCEC, Level 3, Ballroom

12:30-2:30 p.m.

International Emergency Medicine Committee
Check mobile app for details

12:30-3:30 p.m.

Ethics Committee Meeting
BCEC, Level 1, 108



These events are recurring throughout ACEP21.



Convention Office
See page 10



Exhibit Hall
See page 7



First Aid
See page 10



Mothers' Room
See page 10



Registration
See page 10

TUESDAY

6 a.m.-6 p.m.

Yoga/Meditation/Prayer Room Open
BCEC, Level 2, 261

7-8 a.m.

NA Meeting
Westin, Lobby Level, Quincy

7 a.m.-4 p.m.

EMF Major Donor Lounge Open
BCEC, Level 2, 208

8-9:30 a.m.

Ultrasound Industry Roundtable Meeting
Westin, Harbor Level, Harbor Ballroom II

8-10 a.m.

Emergency Telehealth Section Meeting
BCEC, Level 1, 106

8-10:30 a.m.

Disaster Preparedness & Response Committee Meeting
BCEC, Level 2, 259 A

8 a.m.-4 p.m.

NEMPAC "Give-a-Shift" Donor Lounge Open
BCEC, Level 2, 209

For details about education sessions, see pages 41-53.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

8 a.m.-5:30 p.m.

Education Program
BCEC

8 a.m.-6 p.m.

Corporate Meetings / Focus Group 1
BCEC, Level 1, 155

8 a.m.-6 p.m.

Corporate Meetings / Focus Group 2
BCEC, Level 1, 158

8 a.m.-6 p.m.

EMRA*Cast 1
Omni, Level 5, Observatory

8 a.m.-6 p.m.

EMRA*Cast 2
Omni, Level 5, Lab

8:30-10:30 a.m.

Undersea & Hyperbaric Medicine Section Meeting
BCEC, Level 2, 203

9-10:30 a.m.

Locum Tenens Section Meeting
Check mobile app for details

VIRTUAL

9-10:30 a.m.

Observation Medicine Section Meeting
BCEC, Level 2, 260

9-11 a.m.

Clinical Emergency Data Registry Committee Meeting
BCEC, Level 2, 204 B

9-11 a.m.

Freestanding Emergency Centers Section Meeting
Westin, Harbor Level, Lewis

9 a.m.-1 p.m.

CORD Board of Directors Meeting
Omni, Level 3, Modern

9 a.m.-4 p.m.

EMF Silent Auction Open
BCEC, Level 1, NW Lobby

9 a.m.-5 p.m.

Research Forum
Check mobile app for details

9:30 a.m.-2:30 p.m.

Emergency Ultrasound Subcommittee Meeting
BCEC, Level 1, 108

9:30 a.m.-3:30 p.m.

ACEP Bookstore Open
BCEC, Exhibit Level, Booth #3219

9:30 a.m.-3:30 p.m.

Brew Park Presented by TeamHealth Open
BCEC, Exhibit Level

9:30 a.m.-3:30 p.m.

CEDR / E-QUAL Booth Open
BCEC, Exhibit Level

9:30 a.m.-3:30 p.m.

Frontline Podcast Booth Open
Check mobile app for details

9:30 a.m.-3:30 p.m.

Learning Lounge Open
BCEC, Exhibit Level

10-11:30 a.m.

Aerospace Medicine Section Meeting
Check mobile app for details

VIRTUAL

10 a.m.-Noon

Bylaws Committee Meeting
Westin, Mezzanine Level, Adams

10 a.m.-Noon

Pediatric Emergency Medicine Committee Meeting
BCEC, Level 2, 255

10:30 a.m.-Noon

Education Steering Committee Meeting
BCEC, Level 2, 251

10:30 a.m.-Noon

Dual Training Section Meeting
BCEC, Level 2, 260

11 a.m.-1 p.m.

Disaster Medicine Section Meeting
BCEC, Level 1, 102A

11 a.m.-1 p.m.

Medical Directors Section Meeting
BCEC, Level 1, 106

11 a.m.-Noon

Research, Scholarly Activity & Innovation Section Meeting
Westin, Mezzanine Level, Executive Board Room

11 a.m.-12:30 p.m.

Attendee Refreshment Break
BCEC, Exhibit Level, Exhibit Halls A-B2

11:15 a.m.-12:15 p.m.

Faculty Appreciation & Speaker Awards Luncheon (by invitation only)
BCEC, Level 2, 204A

11:30 a.m.-12:15 p.m.

Expert Theater: Bristol-Myers Squibb Company: Immune-Related Adverse Events Caused by Immune Checkpoint Inhibition
BCEC, Exhibit Level, Theater #1

11:30 a.m.-12:15 p.m.

Expert Theater: Sanofi US: Managing the Coagulopathy of Hospitalized COVID-19 Patients
BCEC, Exhibit Level, Theater #2

Noon-1:30 p.m.

Democratic Group Practice Section Meeting
BCEC, Level 2, 211

Noon-1:30 p.m.

Diversity, Inclusion & Health Equity Section Meeting
BCEC, Level 1, 102A

Noon-2 p.m.

Workforce Work Group
BCEC, Level 2

Noon-2 p.m.

Emergency Medicine Informatics Section Meeting
BCEC, Level 1, 109B

Noon-2 p.m.

EMF Grantee and Awards Showcase Luncheon
Check mobile app for details

12:30-2 p.m.

Geriatric Emergency Medicine Section Meeting
BCEC, Level 1, 103

VIRTUAL

Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

1-2 p.m. **VIRTUAL**
Publications Subcommittee Meeting
Check mobile app for details

1-3 p.m.
Tactical Emergency Medicine Section Meeting
Check mobile app for details

1:30-3 p.m.
American Association of Women Emergency Physicians (AAWEP) Section Meeting
BCEC, Level 2, 204A

1:30-3:30 p.m.
Audit Committee Meeting
Westin, Mezzanine Level, Frost Board Room

2-3:30 p.m.
Sports Medicine Section Meeting
BCEC, Level 2, 255

2-4 p.m.
State Legislative / Regulatory Committee Meeting
Westin, Harbor Level, Harbor Ballroom II

2-5 p.m.
CORD Business Meeting
Omni, Level 2, Marquee

2:30-3:15 p.m.
Expert Theater: BrainScope Company, Inc.: Rapid Objective Evaluation of Mild Head Injury in the ED Using EEG-Based Biomarkers
BCEC, Exhibit Level, Theater #1

2:30-3:30 p.m.
Attendee Refreshment Break
BCEC, Exhibit Level, Exhibit Halls A-B2

2:30-3:30 p.m.
Trauma & Injury Prevention Section Meeting
Check mobile app for details

2:30-4 p.m.
Wilderness Medicine Section - Fellowship Directors Meeting
BCEC, Level 1, 109A

3-5 p.m.
Quality Improvement & Patient Safety (QIPS) Section Meeting
BCEC, Level 2, 207

3:30-5 p.m.
Operational and Prehospital Medicine Symposium
Check mobile app for details

4-5 p.m.
Quality Measures Consortium Meeting
Westin, Harbor Level, Griffin

4-5 p.m. **VIRTUAL**
Continuous Competency and Certification Subcommittee Meeting
Check mobile app for details

4:30-7 p.m.
Wilderness Medicine Section Meeting and Reception
BCEC, Level 2, 204A

5-6:30 p.m.
Critical Care Medicine Section Social Hour
Check mobile app for details

5-7 p.m.
Pediatric Emergency Medicine Section Meeting
BCEC, Level 1, 103

6-7:30 p.m.
ACEP Communications Happy Hour
Check mobile app for details

6-8 p.m. **VIRTUAL**
Trivia Game Night
ACEP21 Platform

4-5 p.m.
EMBRs - Alumni Reception
Westin, Mezzanine Level, Adams

WEDNESDAY

6 a.m.-1:30 p.m.
Yoga/Meditation/Prayer Room Open
BCEC, Level 2, 261

7 a.m.-4 p.m.
EMF Major Donor Lounge Open
BCEC, Level 2, 208

8-10 a.m.
Disaster Fellowship Directors Meeting
BCEC, Level 1, 108

8-11 a.m.
EMPI Board of Governors Meeting
BCEC, Level 2, 259B

8 a.m.-4 p.m.
NEMPAC "Give-a-Shift" Donor Lounge Open
BCEC, Level 2, 209

8 a.m.-5:30 p.m.
Education Program
BCEC

8 a.m.-6 p.m.
EMRA*Cast 1
Omni, Level 5, Observatory

8 a.m.-6 p.m.
EMRA*Cast 2
Omni, Level 5, Lab

8 a.m.-6 p.m.
Corporate Meetings / Focus Group 1
BCEC, Level 1, 155

8 a.m.-6 p.m.
Corporate Meetings / Focus Group 2
BCEC, Level 1, 158

9-10:30 a.m.
Social Emergency Medicine Section Meeting
BCEC, Level 2, 203

9-11 a.m.
Quality Measures Consortium Meeting
Westin, Harbor Level, Griffin

9-11 a.m. **VIRTUAL**
PEER Editorial Board Meeting
Check mobile app for details

9 a.m.-4 p.m.
EMF Silent Auction Open
BCEC, Level 1, NW Lobby

9 a.m.-Noon
Finance Committee Meeting
Westin, Mezzanine Level, Adams

9 a.m.-5 p.m.
Research Forum
Check mobile app for details

9:30-11 a.m. **VIRTUAL**
Geriatric Emergency Department Accreditation Advisory Board
BCEC, Level 2, 260

9:30 a.m.-3:30 p.m.
ACEP Bookstore Open
BCEC, Exhibit Level, Booth 3219

9:30 a.m.-3:30 p.m.
Brew Park Presented by TeamHealth Open
BCEC, Exhibit Level

9:30 a.m.-3:30 p.m.
CEDR / E-QUAL Booth Open
BCEC, Exhibit Level

9:30 a.m.-3:30 p.m.
Frontline Podcast Booth Open
Check mobile app for details

9:30 a.m.-3:30 p.m.
Learning Lounge Open
BCEC, Exhibit Level

10 a.m.-Noon
Research Committee Meeting
Westin, Harbor Level, Harbor Ballroom II

10 a.m.-Noon
Event Medicine Section Meeting
Check mobile app for details

11 a.m.-1 p.m.
ACEP Now Editorial Advisory Board Lunch (by invitation only)
BCEC, Level 1, 108

11 a.m.-12:30 p.m.
Attendee Refreshment Break
BCEC, Exhibit Level, Exhibit Halls A-B2

11:30 a.m.-12:15 p.m.
Expert Theater: BioXcel Therapeutics, Inc.: Spotlight on Acute Agitation Associated With Schizophrenia and Bipolar Disorders: What Can Be Improved?
BCEC, Exhibit Level, Theater #2



11:30 a.m.-12:15 p.m.
Expert Theater: Janssen Pharmaceuticals, Inc.: Clinical Insights in VTE: Treatment and Risk Reduction through Prophylaxis
BCEC, Exhibit Level, Theater #1

1-2 p.m.
Drop the Mic!
BCEC, Level 2, 256

For details about education sessions, see pages 41-53.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

1:30-3 p.m.
■ EMS Education Subcommittee Meeting
Check mobile app for details

1:30-3:30 p.m.
■ Wellness Section Meeting
BCEC, Level 2, 204A

2:30-3:15 p.m.
Expert Theater: BioFire Diagnostics, LLC: COVID-19 and Beyond: Syndromic Respiratory Diagnostics in the ED
BCEC, Exhibit Level, Theater #1

2:30-3:15 p.m.
Expert Theater: Regeneron: Appropriate Patients for Neutralizing Monoclonal Antibodies in the Management of COVID-19 Before Hospitalization
BCEC, Exhibit Level, Theater #2

2:30-3:30 p.m.
Attendee Refreshment Break
BCEC, Exhibit Level, Exhibit Halls A-B2

2:30-4 p.m.
■ Academic Affairs Committee Meeting
BCEC, Level 1, 108

6-8 p.m. VIRTUAL
Cooking Demonstration
ACEP21 Platform

6-8 p.m. VIRTUAL
Knowledge Bowl
ACEP21 Platform

THURSDAY

6 a.m.-6 p.m.
Yoga/Meditation/Prayer Room Open
BCEC, Level 2, 261

8 a.m.-1 p.m.
Attendee Refreshment Break
Check mobile app for details

8 a.m.-1 p.m.
Education Program
BCEC

8 a.m.-5 p.m.
■ EMRA MedWAR
Off-site, Blue Hills Reservation

8 a.m.-Noon
■ ACEP Board of Directors Meeting
Westin, Harbor Level, Harbor Ballroom II

9-10 a.m.
Coalition on Psychiatric Emergencies Meeting
BCEC, Level 1, 108

9-11 a.m.
■ Educational Meetings Subcommittee Meeting
BCEC, Level 2, 251

9 a.m.-Noon
RESEARCH FORUM
Check mobile app for details

Exhibit Hall Map

EXHIBIT HALL HOURS:

9:30 a.m.-3:30 p.m.

Monday-Wednesday

Location: Hall A, BCEC

ACEP Bookstore

Get the latest emergency medicine titles, attend book signings and play The Daily Quiz game. Participate in the booth visitor card drawing for a chance to win awesome prizes. **See page 8 for more information.**



Learning Lounge

in the exhibit hall for 15-minute rapid-fire case studies, product demos and presentations to catch the latest and greatest of what's new in the ED. **See pages 62-63 for more information.**

Expert Theaters

These non-CME presentations can add to your educational experience. See company products and services that can help you in your practice and receive a boxed meal. **See pages 58-60 for more information.**

EXPERT THEATER 2

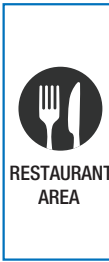


BREW PARK



Enjoy complimentary coffee and soda, or buy a beer at the Brew Park, supported by TeamHealth.

EXPERT THEATER 1



RESTAURANT AREA

ACEP Bookstore
3219

ES-4

ES-3

ES-2

ES-1

Fisher & Paykel Healthcare
3216

Telexy Healthcare, Inc.
3212

BioFire Diagnostics
3207

Butterfly Network, Inc.
3203

Vapotherm
3200

3125 3124
3024

3122
3022

BioXcel Therapeutics
3019

R1
3016

3114 3113
3014 3013

3110 3109
3011 3009

3106 3105 3104
3006 3005 3004

SCP Health
3000

2927 2926 2925 2924
2826 2825 2824

2922 2921 2920 2919
2822 2820 2819

2916
2817 2816

Ceribell
2813

Hyperfine Portable MRI
2809

2906
2806

BrainScope
2803

2901 2900
2801 2800

LEARNING LOUNGE

ApolloMD
2619

2717 2716 2714 2713
2616 2615 2613

American Physician Partners
2609

Teleflex, Inc.
2606

2704 2703 2702 2700
2602 2600

Emergency Care Partners
2830

2731 2730
2631 2630

Collective Medical, a PointClickCare Company
2430

2526 2525 2524
2426 2425 2424

2522 2521 2519
2422 2421 2420 2419

2517 2516 2515 2514 2513
2417 2416 2415 2414 2413

LogixHealth
2409

2507 2506 2505 2504 2503
2407 2404 2403

Envision Physician Services
2400

2241 2238

Alteon Health
2234

2332 2331 2330
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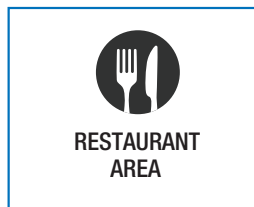
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Mindray
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RESTAURANT AREA

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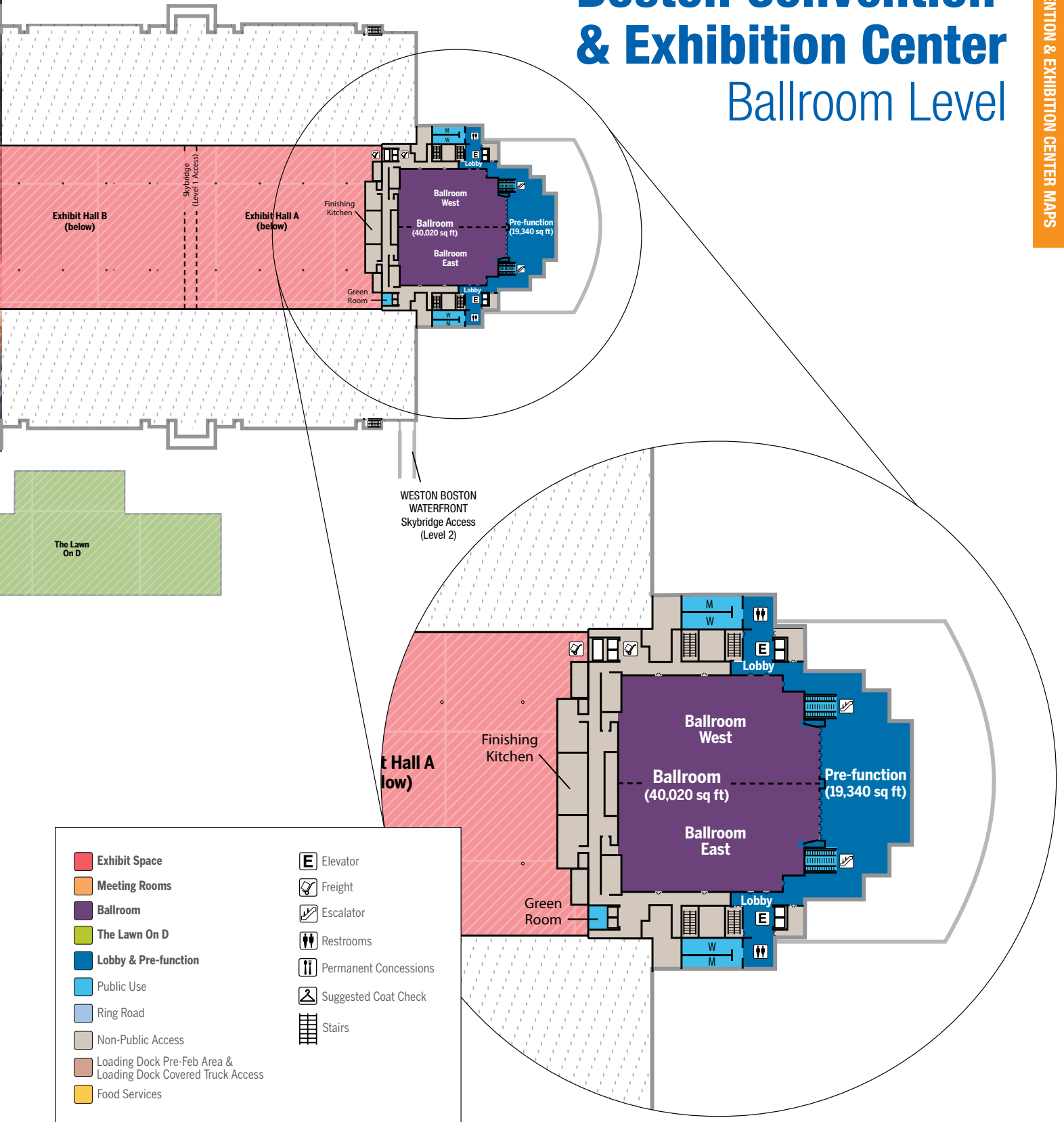
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ENTRANCE


















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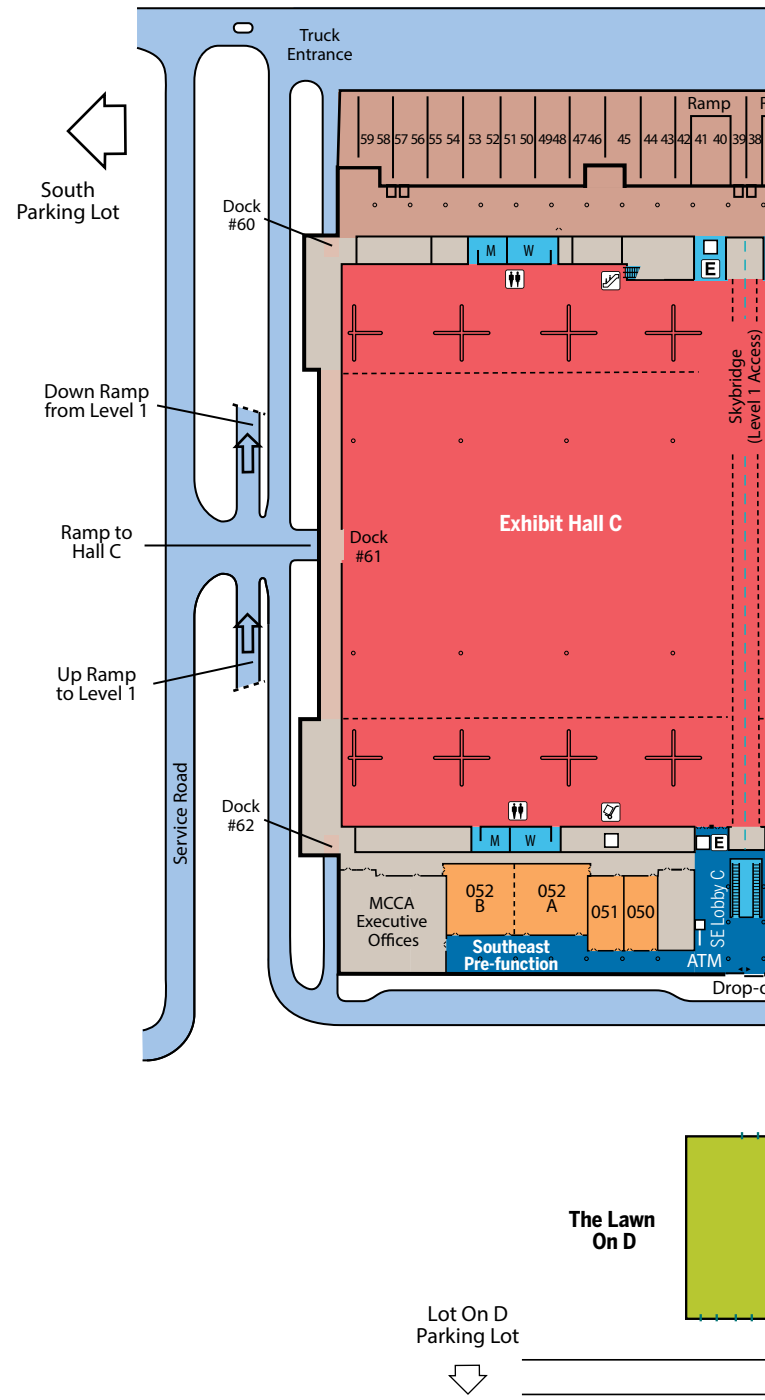
Boston Convention & Exhibition Center Ballroom Level

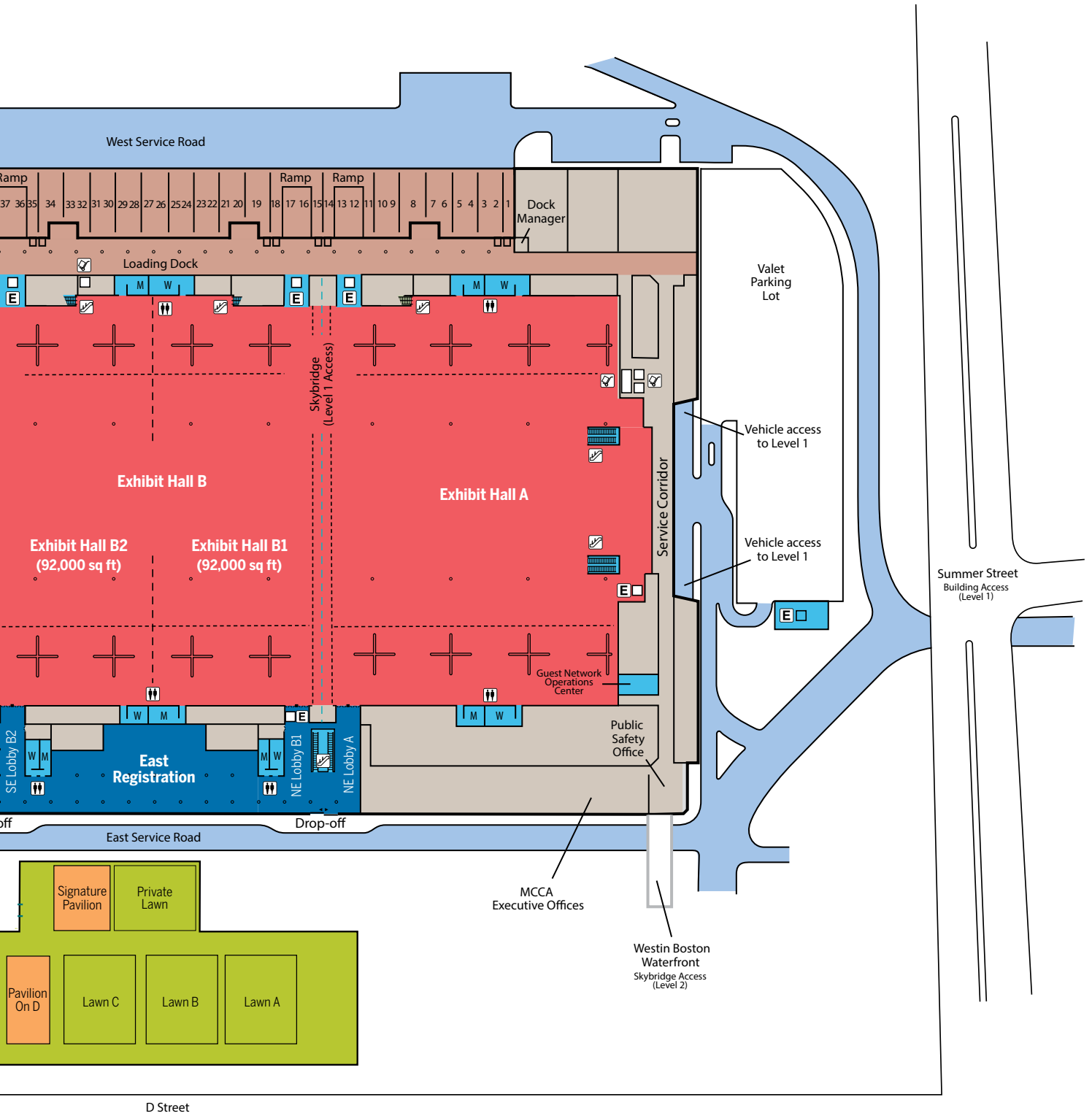


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| ■ Meeting Rooms | Freight |
| ■ Ballroom | Escalator |
| ■ The Lawn On D | Restrooms |
| ■ Lobby & Pre-function | Permanent Concessions |
| ■ Public Use | Suggested Coat Check |
| ■ Ring Road | Stairs |
| ■ Non-Public Access | |
| ■ Loading Dock Pre-Feb Area & Loading Dock Covered Truck Access | |
| ■ Food Services | |

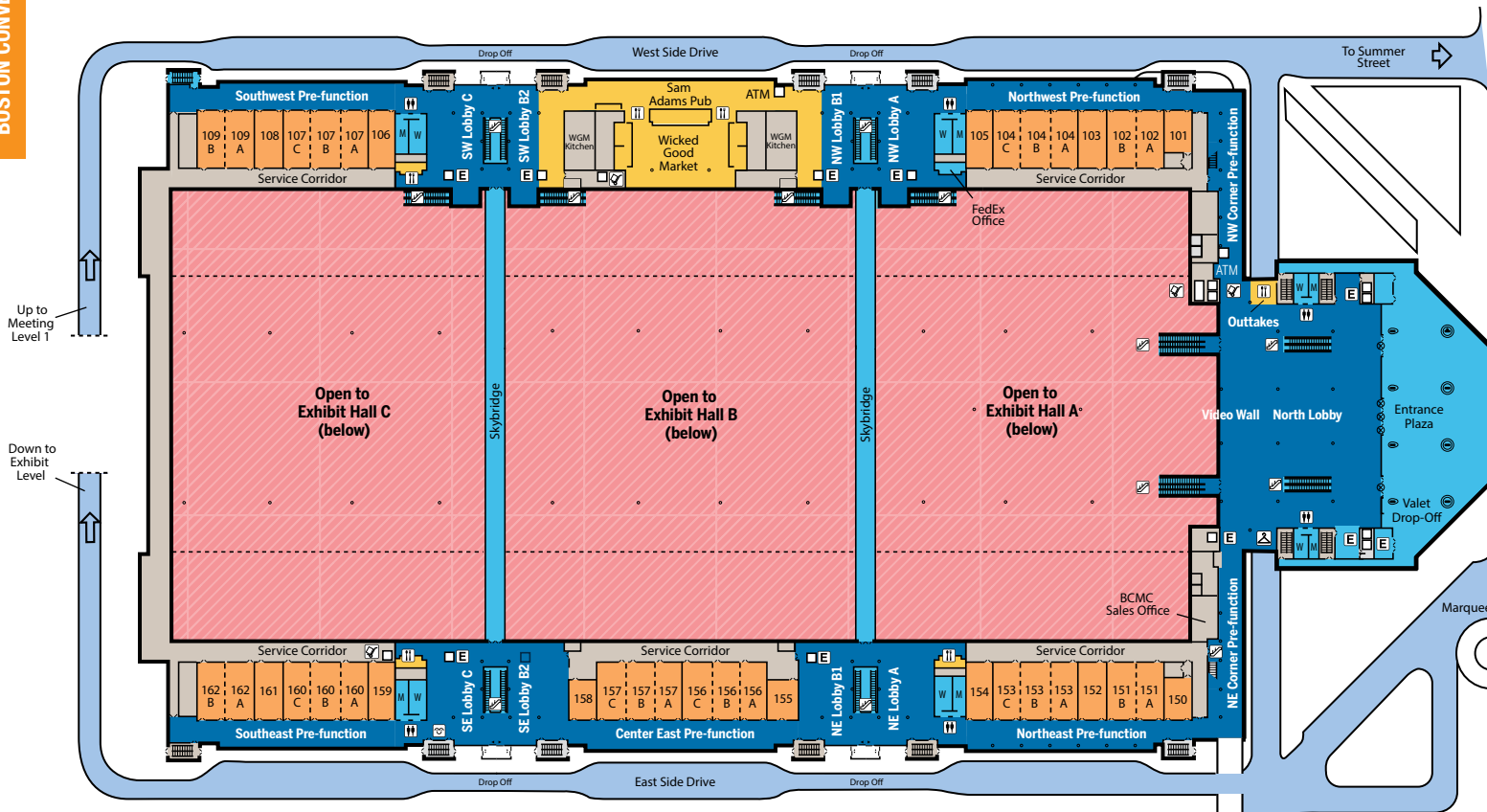
Boston Convention & Exhibition Center Exhibit Level

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 The Lawn On D	 Restrooms
 Lobby & Pre-function	 Permanent Concessions
 Public Use	 Suggested Coat Check
 Ring Road	 Stairs
 Non-Public Access	
 Loading Dock Pre-Feb Area & Loading Dock Covered Truck Access	
 Food Services	



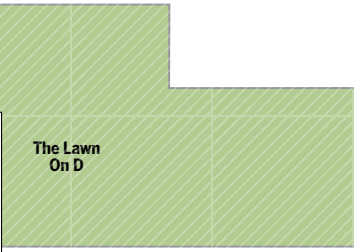


Boston Convention & Exhibition Center Meeting Level 1



Westin Boston Waterfront Skybridge Access (Level 2)

Exhibit Space	Elevator
Meeting Rooms	Freight
Ballroom	Escalator
The Lawn On D	Mamava Nursing Pod
Lobby & Pre-function	Restrooms
Public Use	Permanent Concessions
Ring Road	Suggested Coat Check
Non-Public Access	Stairs
Loading Dock Pre-Feb Area & Loading Dock Covered Truck Access	
Food Services	



Boston Convention & Exhibition Center

Meeting Level 2

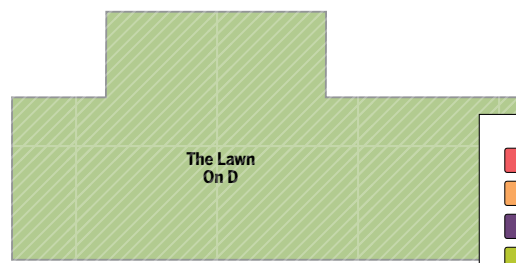
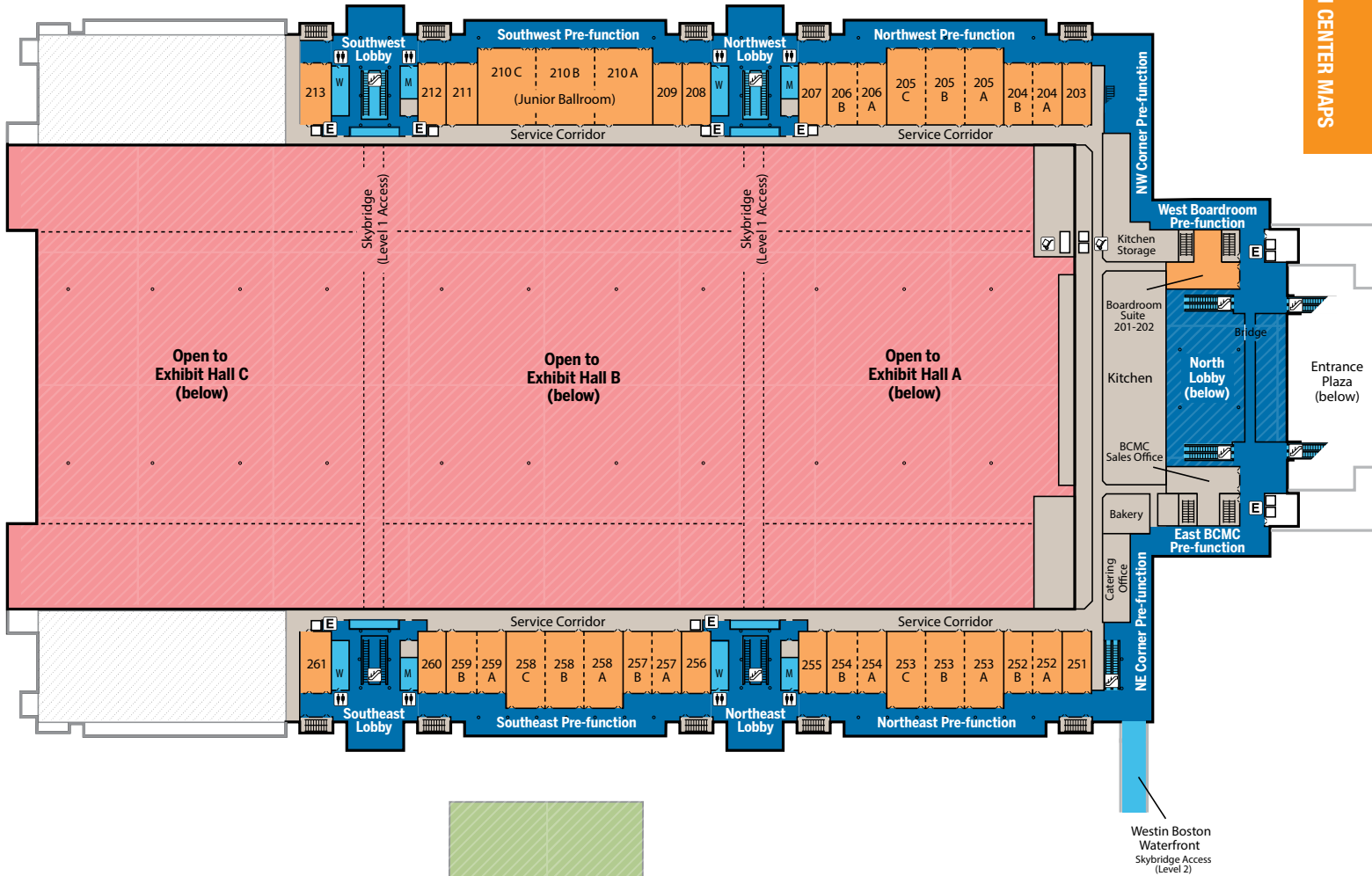
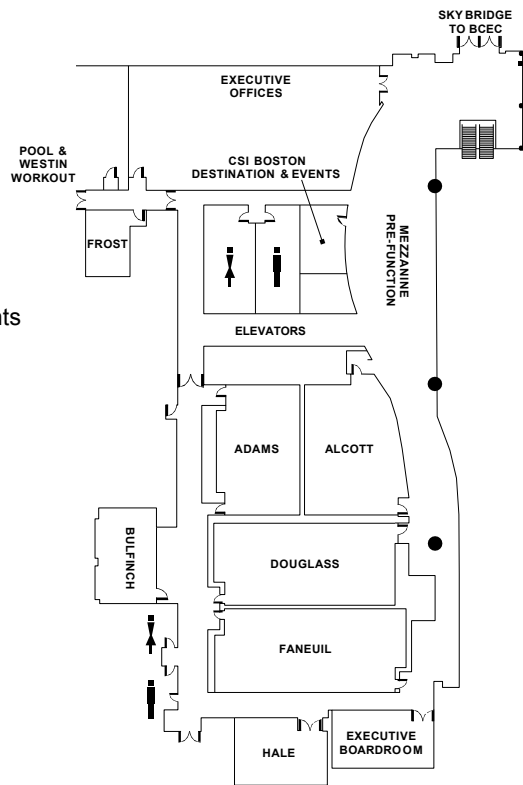


	Exhibit Space		Elevator
	Meeting Rooms		Freight
	Ballroom		Escalator
	The Lawn On D		Restrooms
	Lobby & Pre-function		Permanent Concessions
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	Non-Public Access		
	Loading Dock Pre-Feb Area & Loading Dock Covered Truck Access		
	Food Services		

The Weston Boston Waterfront

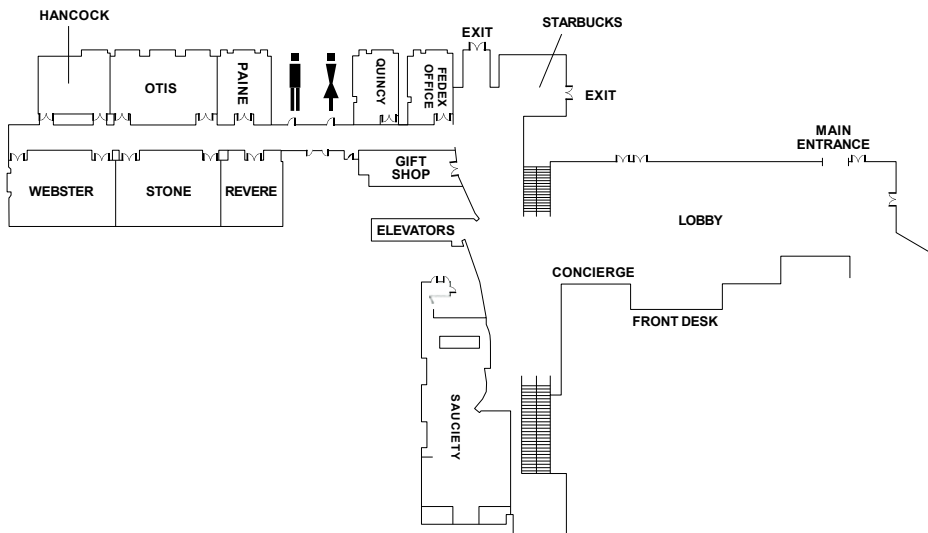
MEZZANINE LEVEL

- Frost
- CSI Boston Destination & Events
- Mezzanine Pre-function
- Alcott
- Adams
- Douglass
- Faneuil
- Executive Boardroom
- Hale
- Bulfinch



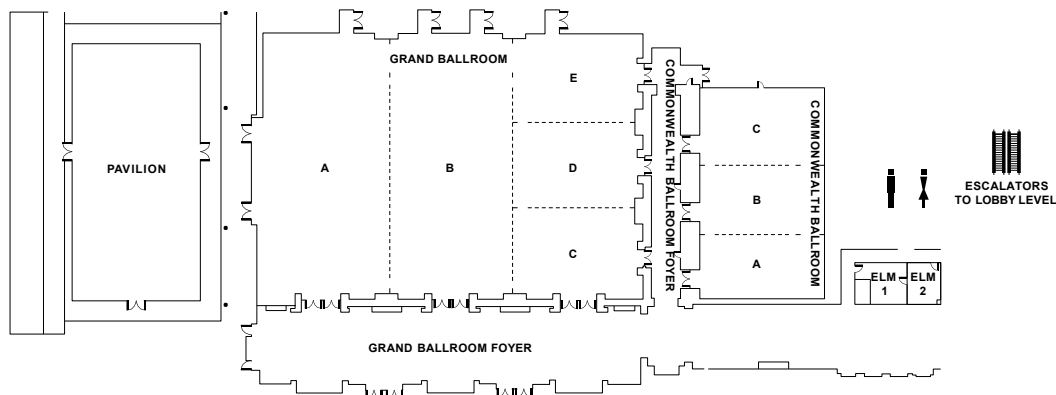
LOBBY LEVEL

- Hancock
- Otis
- Paine
- Quincy
- Sauciety
- Revere
- Stone
- Webster



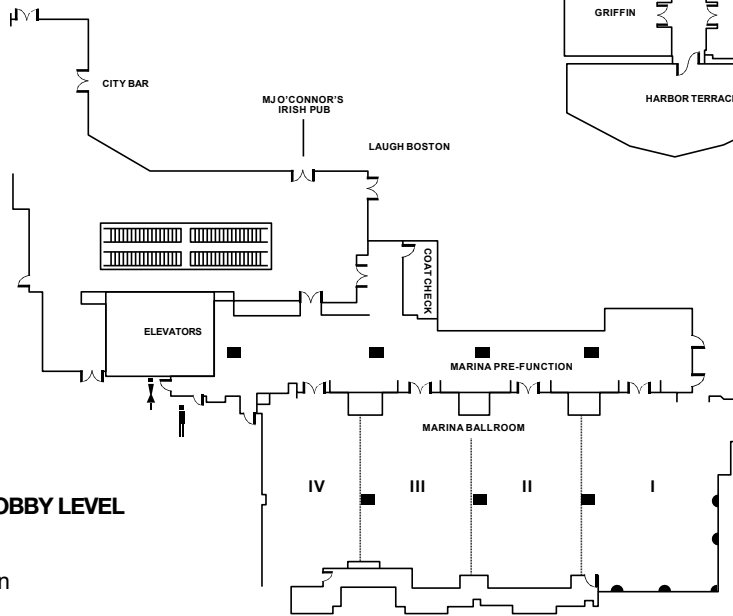
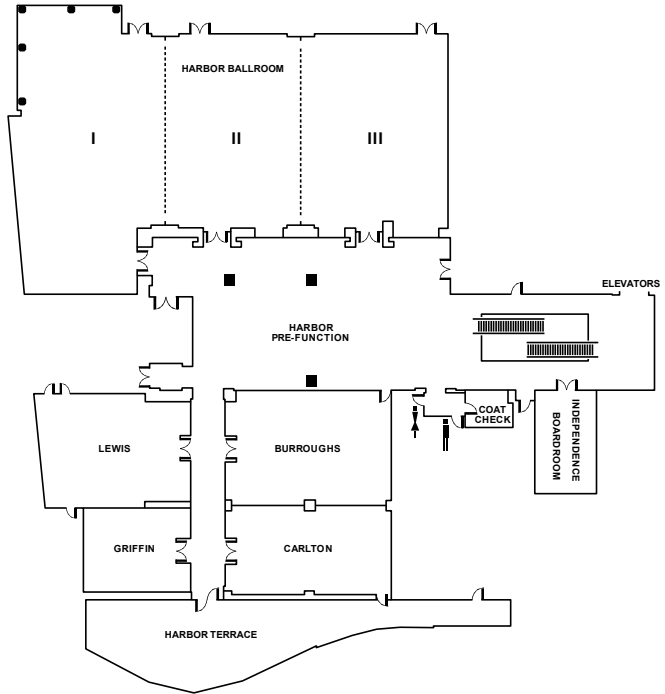
CONCOURSE LEVEL

- Commonwealth Ballroom
- Commonwealth Ballroom Foyer
- Elm
- Grand Ballroom
- Grand Ballroom Foyer
- Pavilion



HARBOR WING, MEZZANINE LEVEL

- Harbor Ballroom
- Harbor Pre-function
- Independence Boardroom
- Burroughs
- Carlton
- Harbor Terrace
- Griffin
- Lewis

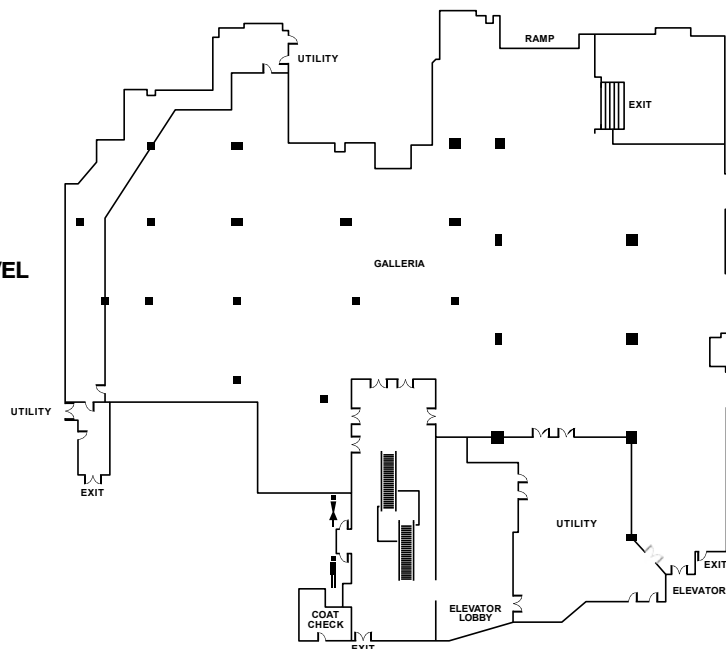


HARBOR WING, LOBBY LEVEL

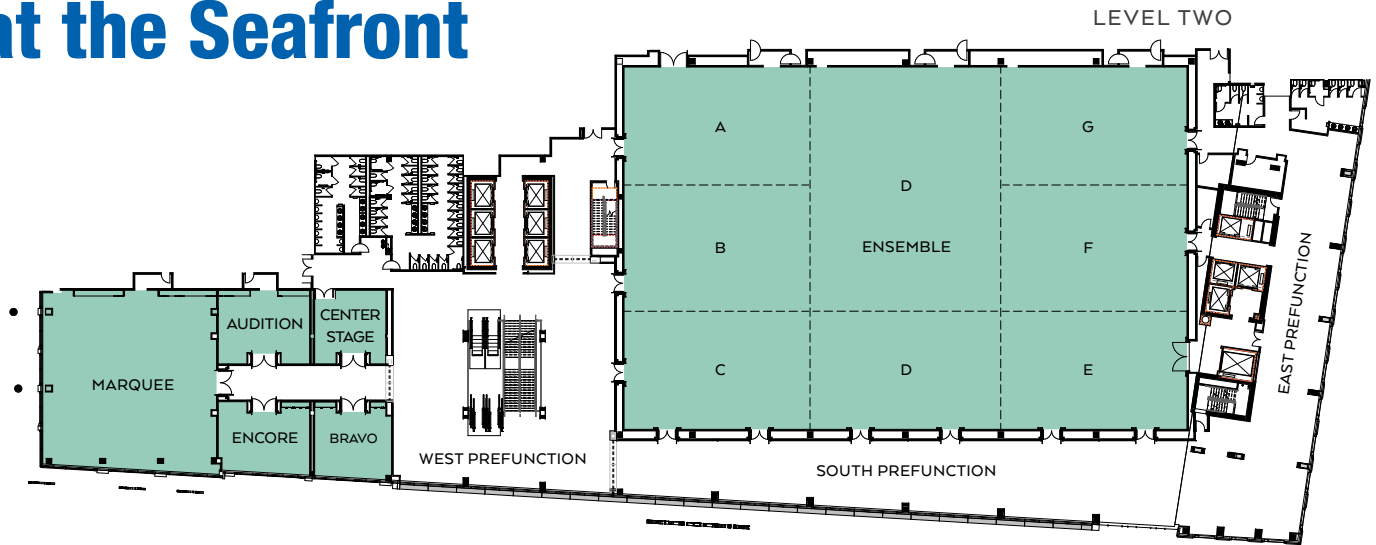
- Marina Ballroom
- Marina Pre-function

HARBOR WING, CONCOURSE LEVEL

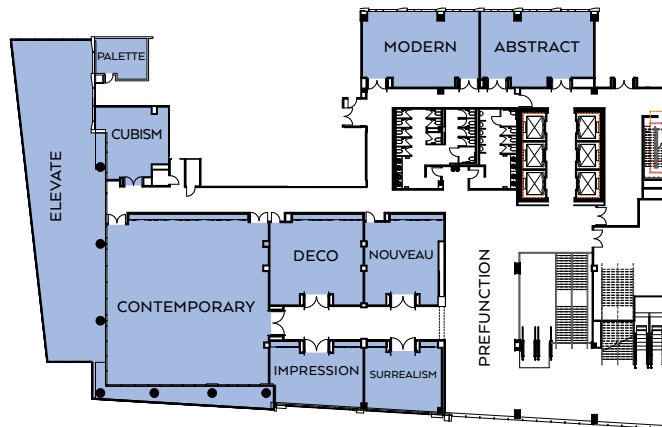
- Galleria



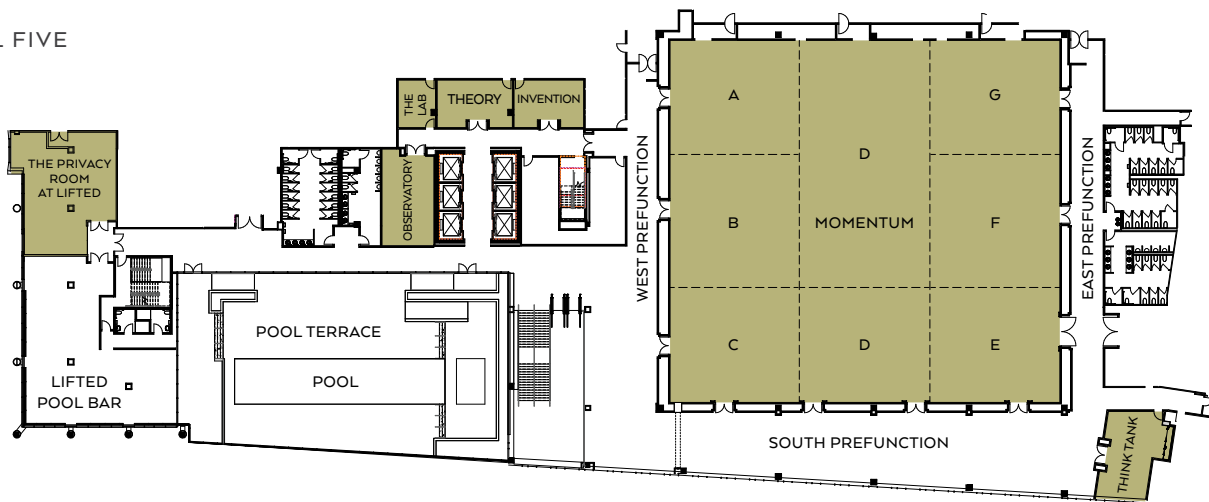
Omni Boston Hotel at the Seafront



LEVEL THREE



LEVEL FIVE





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Education Information

ACEP21 Classroom Protocol

- Official ACEP21 badges must be worn to all ACEP events.
- Smoking/vaping is not permitted at official ACEP event venues.
- Course monitors are at the entrance to each classroom. They are required to scan badges before allowing anyone into the session.
- No infants or children are allowed in any classroom, as it could be disruptive to the class, faculty and session recordings.
- Course room capacity is set and strictly enforced by the local fire marshal.

Share Your Opinion Through Evaluations

ACEP values your opinion. Course evaluations will be available in an electronic format. Evaluations are available in the ACEP21 mobile app immediately following each course. You will be emailed a personalized link each morning to the email address provided during registration from survey@guidestarco.com. Please save this email address into your contacts so it doesn't get routed to your spam folder. You also will be asked to complete the post-meeting survey to evaluate your overall experience at the conference after the conference concludes. If you do not receive the emails, please visit the ACEP Registration Desk.

Learning Objectives

ACEP21 Scientific Assembly

Upon completion of this activity, participants will be able to apply the latest advances in the diagnosis, treatment, clinical skills and practice management innovations necessary for the practice of emergency medicine. Nationally recognized experts will present the latest cutting-edge clinical and practice management techniques. A variety of methods will be used, including case presentations, evidence-based medicine, literature reviews and in-depth coverage of the latest clinical controversies. (Individual course descriptions can be found at acep.org/ACEP21).

Presentation Materials

Presentations and other materials are provided by the faculty for most courses. In our journey to a greener meeting, ACEP is distributing these materials exclusively in an electronic format on the ACEP21 online platform and on the mobile app. You can save each presentation to your device's e-reader and access it offline. Need help? Stop by the Registration Area or the Convention Office in Room 252A in the BCEC.

ACEP21 Continuing Medical Education Credit

The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

ACEP21

The American College of Emergency Physicians designates this Other activity (blended virtual conference) for a maximum of 233.75 **AMA PRA Category 1 Credit(s)**[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



How to claim blended credits?

CME will be provided in multiple phases as it is accredited as a blended event.

Live In-Person Courses

- Courses held on Oct. 25-28 during the live component can be claimed immediately following the conclusion of the event, commensurate with your participation.
 - The live portion of the event has a maximum of 24 hours of credits.
 - CME Certificates will reflect "ACEP21 Scientific Assembly"

Virtual "At Home" Participants

- Internet Live Streaming Courses
 - Dates, course selections and credit hours will be determined at a later date.
- On-Demand Courses
 - CME Certificates will reflect "ACEP21 Scientific Assembly" with a subtitle of the individual course name.
 - The On-Demand at-home participant portion of the event has a maximum of 19.5 hours of credits.
 - Courses will be available for 30 days via the conference platform.

Virtual ACEP (If purchased in addition to ACEP21 in person or at home)

- Credit will be awarded upon successful completion of each individual course up to 209.75 credit hours.
- On-Demand courses are available until April 24, 2023.
- CME Certificates will reflect "ACEP21 Scientific Assembly" with a subtitle of the individual course name.

ACEP Category I Credit Credits

ACEP21 has been approved by the American College of Emergency Physicians for a maximum of 233.75 hours of ACEP Category I Credit.

Counter-Narcotics and Terrorism Operational Medical Support (CONTOMS) Medical Director's Course

Approved for AMA PRA Category 1 Credit(s)TM

Mass Casualty Medical Operations Management Course

Approved for AMA PRA Category 1 Credit(s)TM

Emergency Ultrasound Management Course

Approved for AMA PRA Category 1 Credit(s)TM

Pain and Addiction Care in the ED (PACED) Accreditation

Approved for AMA PRA Category 1 Credit(s)TM

The 4Ms and Geriatric Emergency Care

Approved for AMA PRA Category 1 Credit(s)TM

Specialty Credits

American Academy of Family Physicians Credits

The American Academy of Family Physicians (AAFP) has reviewed ACEP21, and deemed it acceptable for AAFP credit. Term of approval is from 10/25/2021 to 10/28/2021. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Credit approval includes the following session(s):

- 25.00 In-Person, Live (could include online) AAFP Prescribed Credit(s) - ACEP21 – Virtual
- 24.00 Enduring Materials, Self-Study AAFP Prescribed Credit(s) - ACEP21 - Enduring Material

American Academy of Pediatrics Credits

This continuing medical education activity has been reviewed by the American Academy of Pediatrics (AAP) and is acceptable for a maximum of 233.75 AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the American Academy of Pediatrics.

American Osteopathic Association Credits

The American College of Osteopathic Emergency Physicians (ACOEP) is accredited by the American Osteopathic Association to provide osteopathic continuing medical education for physicians.

ACOEP designates this program for a maximum of 12.00 of AOA Category 1-A credits and will report CME and specialty credits commensurate with the extent of the physician's participation in this activity.

ACEP 2020-2021 Educational Meetings Subcommittee

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FACEP
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CAE

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MBA

Shannon Campbell
Support Staff

Maya Patel
Support Staff

Education Schedule

All education sessions take place at the Boston Convention & Exhibition Center.



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

MONDAY

8-8:20 a.m.

ACLS Guidelines 2021: What's New & Why (MO-2)
Room 210
Cameron K. Berg, MD, FACEP

Dying With Dignity: Incorporating Palliative Care Into Your Practice (MO-3)
Room 104
Merle A. Carter, MD, FACEP

How to Make Money & Grow Your Wealth (MO-7)
Room 253
James M. Dahle, MD, FACEP

Infections in Small Places: Managing Mastoiditis, Orbital Cellulitis & Neck Abscesses (MO-5)
Room 205
Joan Noelker, MD, FACEP

It's Smorgasbord: Diverticulitis, Typhlitis, Adenitis & More! (MO-1)
Room 153
Benjamin C. Smith, MD, FACEP

Management of the Near-Drowning Patient (MO-8)
Room 156
Darryl J. Macias, MD

Seeing Soundwaves: Ocular US (MO-4)
Room 107
Joshua S. Broder, MD, FACEP

Simple & Revolutionary Technologies for Hemorrhage Control (MO-6)
Room 160
Craig Goolsby, MD, MEd, FACEP

8-8:50 a.m.

Cruising the Literature: Pediatric Emergency Medicine 2021 (MO-10)
Room 258
Richard M. Cantor, MD, FACEP

8:30-8:50 a.m.

Clinical Pearls for the Breastfeeding Patient: Pump & Dump or OK to Use? (MO-23)
Room 104
Lucienne Lutfy-Clayton, MD

Glands Gone Bad! Endocrine & Metabolic Emergencies (MO-15)
Room 205
Cameron L. Pfennig, MD, FACEP

Liability Concerns & Controversies Working With Non-Physician Providers (MO-20)
Room 153
Kurtis A. Mayz, JD, MD, MBA, FACEP

National Practitioner Data Bank: Opening Pandora's Box (MO-21)
Room 156
Diana Nordlund, DO, JD, FACEP

Psych – All the Voices You NEED to Hear (MO-16)
Room 253
Leslie Zun, MD

The Crying Game: Evaluation of the Crying, Irritable, Afebrile Infant (MO-18)
Room 160
Marianne Gausche-Hill, MD, FACEP, FAAP

MONDAY

There's an App for That! Phone Apps You Should Know About (MO-17)

Room 210
Jason C. Wagner, MD, FACEP

Top 5 Habits of Highly Successful Emergency Physicians (MO-19)

Room 254
Ugo A. Ezenkwele, MD, FACEP

Trauma Transfer – Get Them Out? (MO-22)

Room 107
David Callaway, MD, FACEP

12:30-1:20 p.m.

AFFIRMing our Lane: The Role of Emergency Physicians in Preventing Firearm Injury (The Brooks F. Bock Lecture and Abstract Session) (MO-32)

Room 107
Megan L. Ranney, MD, MPH, FACEP

Dx: Medical Racism – What's the Treatment? (MO-30)

Room 104
Jenice Baker, MD, FACEP

ED Leadership Changes: Thriving Through Change (MO-29)

Room 153
Andrea L. Green, MD, FACEP

Myocardial Ischemia & Mimics: ECG Cases (MO-22)

Room 107
Amal Mattu, MD, FACEP

Narcotics to Naloxone: Promoting Productive Policies (MO-193)

Room 254
Rachel Haroz, MD

Point-of-care Ultrasound in The Management of Pediatric Patients With COVID-19 & MIS-C (MO-27)

Room 160
Samuel Lam, MD, MPH; Lorraine Ng, MD

Secured the Airway, Now What? Best Practices for Post-Intubation Sedation (MO-28)

Room 253
Colin G. McCloskey, MD

12:30-12:50 p.m.

Burned Beyond Recognition: Burnout's Cost & Its Solutions (MO-24)

Room 156
Thom Mayer, MD, FACEP

Lung Bugs & Drugs 2021 (MO-26)

Room 258
Boyd D. Burns, MD, FACEP

Use or Abuse? Pediatric Fractures & Their Causes (MO-25)

Room 205
Annalise Sorrentino, MD, FACEP

1-1:20 p.m.

Clear as Mud: C-Spine Clearance 2021 (MO-38)

Room 258
Mary E. McLean, MD

Perils in the Pleural Space (MO-37)

Room 156
Marie-Carmelle Elie, MD, FACEP

Trauma in Pregnancy: A Different Kind of TWOfer (MO-39)

Room 205
Camiron L. Pfennig, MD, FACEP

1:30-1:50 p.m.

#NoSilenceOnEDViolence: Enacting Bulletproof Policies & Legislation (MO-43)

Room 258
Nikita Joshi, MD

Acute Limb Ischemia: Red, White or Blue – What to Do? (MO-40)

Room 156
Deborah B. Diercks, MD, MSc, FACEP

How to Sleep Soundly After Discharging Suicidal Patients From Your ED (MO-41)

Room 205
Leslie Zun, MD

In Vitro Fertilization Patients & ED Presentations: Pearls & Pitfalls (MO-45)

Room 160
Lucienne Lutfy-Clayton, MD

It's What You Say, Not How You Say It: The 5-Minute ED Goals of Care Conversation (MO-42)

Room 104
David Wang, MD

Pediatric Trauma Pearls & Pitfalls (MO-44)

Room 253
Marianne Gausche-Hill, MD, FACEP, FAAP

1:30-2:20 p.m.

Antiracism: From Awareness to Action (Nancy J. Auer Lecture) (MO-47)

Room 107
Vonzella A. Bryant, MD, FACEP

The Unexpected Difficult Airway: How to Avoid It & How to Manage It (MO-46)

Room 210
Michael A. Gibbs, MD, FACEP

2-2:20 p.m.

How to Discharge VTE Patients Safely (MO-50)

Room 205
Marilyn J. Heine, MD, FACEP

Little People, Big Lawsuits (MO-52)

Room 153
Kurtis A. Mayz, JD, MD, MBA, FACEP

Sick To My Stomach: The Critically Ill Patient With Abdominal Pain (MO-48)

Room 156
Benjamin C. Smith, MD, FACEP

Stop the Pounding: Update on Headache Assessment & Treatment (MO-51)

Room 258
Matthew S. Siket, MD, FACEP

The ICU is Not Ready for Your Critical Patient, Are You? (MO-54)

Room 160
Rachel E. Garvin, MD

The Psychology of Waiting (MO-49)

Room 104
Kirk B. Jensen, MD, MBA, FACEP

Traumacology: Drugs for the Trauma Bay (MO-53)

Room 253
Kyle Weant, PharmD, BCPS, FCCP

3:30-3:50 p.m.

Tort Hot, Tort Cold, or Just Right: Would Goldilocks Practice EM in Your State? (MO-55)

Room 104
Diana Nordlund DO, JD, FACEP

3:30-4:20 p.m.

Common Cancer Conundrums & Five "Can't Miss" Oncologic Emergencies (MO-61)

Room 153
Marilyn J. Heine, MD, FACEP

Critical Care Emergency Ultrasound (MO-59)

Room 210
J. Matthew Fields, MD, FACEP

TUESDAY

TUESDAY

Cruising the Cardiology Literature: 2021 (MO-57)**Room 205**
George C. Willis, MD, FACEP**Cruising the Literature: Updates in GI Emergencies (MO-56)****Room 253**
Salim Rezaie, MD, FACEP**Fixing Faces Painlessly: Facial Anesthesia, Regional Blocks (MO-60)****Room 156**
Joan Noelker, MD, FACEP**From Rags to Riches: Personal Finance for the Early Career EP (MO-63)****Room 107**
James M. Dahle, MD, FACEP**Infections With Deadly Consequences (MO-62)****Room 258**
Annahieta Kalantari, DO, FACEP**Split Flow Success – Avoiding Pitfalls & Getting Up to Speed! (MO-58)****Room 160**
Deborah B. Diercks, MD, MSc, FACEP;
Kirk B. Jensen, MD, MBA, FACEP; Thom Mayer, MD, FACEP**4-4:20 p.m.****Black Box Drugs We Use: What's the Risk? (MO-69)****Room 104**
Kyle Weant, PharmD, BCPS, FCCP**4:30-4:50 p.m.****Acid Base That Actually Matters: A Case-Based Approach (MO-71)****Room 253**
Christopher Hahn, MD**Cardiac Emergencies in the Post-Partum Patient (MO-75)****Room 160**
Joelle Borhart, MD, FACEP**COVID-19 & Poisoning Misadventures (MO-74)****Room 104**
Craig Smollin, MD**Kids Dropping Out: Pediatric ECG From Normal to Disaster (MO-72)****Room 153**
Annalise Sorrentino, MD, FACEP**Teaching Everyone to Save Lives Until Help Arrives (MO-73)****Room 156**
Craig Goolsby, MD, MEd, FACEP**What I Learned My First Year as a Director (MO-70)****Room 107**
Jenice Baker, MD, FACEP**4:30-5:20 p.m.****Debunking Trauma Myths: It's Not Just Politics: ACEP Connect (MO-79)****Room 258**
Christopher Hogrefe, MD, FACEP; Torree M. McGowan, MD, FACEP; Maria E. Moreira, MD, FACEP**Coming to a Shop Near You - The Latest & Greatest in ED Technology (MO-76)****Room 205**
Jason C. Wagner, MD, FACEP**From Paper to Patient: Recent Advances in Emergency Electrocardiography That Will Save a Life (MO-57)****Room 210**
Amal Mattu, MD, FACEP**4:30-5:30 p.m.****The 1st 60 Minutes: Initial Management of the Critically Ill Infant (MO-77)****Room 210**
Richard M. Cantor, MD, FACEP**5-5:20 p.m.****Alternative Payment Models: Exploring the Reimbursement Frontier (MO-82)****Room 104**
Jennifer Wiler, MD, MBA, FACEP**Management of Massive Hemoptysis: Save Your Drowning Patient! (MO-84)****Room 153**
Boyd D. Burns, MD, FACEP**Managing the Agitated Trauma Patient (MO-85)****Room 156**
Christopher Hogrefe, MD, FACEP**Rapid Rule Out of Acute MI: Understanding the Troponins (MO-80)****Room 253**
Jeffrey Tabas, MD, FACEP**Remember That Patient You Saw? How to Minimize Patient Bouncebacks to the ED (MO-81)****Room 107**
David Zodda MD, FACEP**Stop the Bleeding: New Technologies for Hemorrhage Control (MO-83)****Room 160**
David W. Callaway, MD, FACEP**8 a.m.-8:50 p.m.****Cardiac Arrest Care Debate: What Works vs What We Do (TU-91)****Room 210**
Salim Rezaie, MD, FACEP; Deborah Diercks, MD, MSc, FACEP**Facial Trauma (TU-94)****Room 205**
Tina Choudhri, MD**Innovative Strategies to Optimize ED Flow (TU-92)****Room 253**
Kirk B. Jensen, MD, MBA, FACEP**Trauma STAT! Don't Miss This Visual Cue! (TU-93)****Room 107**
Christopher Hogrefe, MD, FACEP**Upper Body Regional Nerve Blocks (TU-90)****Room 160**
Arun Nagdev, MD**8-8:20 a.m.****Homeward Bound: A Tale of Two Hospice Patients in Your ED (TU-87)****Room 104**
David Wang, MD**Knocked Out in 2021: Concussion Updates (TU-88)****Room 153**
Andrew D. Perron, MD, FACEP**The Death Rash: Lethal Rashes You Can't Miss (TU-86)****Room 156**
Andrea Fang, MD**Ventilator Management in the 2020s - Implications for COVID-19 (TU-89)****Room 258**
Colin G. McCloskey, MD

TUESDAY

8:30-8:50 a.m.

Aortic Dissection: Don't Miss This Diagnosis (TU-100)
Room 104
 George C. Willis, MD, FACEP

Banded But Broken: Post Bariatric Procedure Patient in the ED (TU-99)
Room 153
 Joseph Palter, MD

DKA & HHS: The Sweetest High-Yield Pearls & Pitfalls (TU-101)
Room 258
 Christopher Hahn, MD

Top 5 Legal Risks in Five Minutes or Less (TU-102)
Room 156
 Kurtis A. Mayz, JD, MD, MBA, FACEP

9-9:20 a.m.

Dead Tired: The Impact of Fatigue on Patient Safety & Physician Wellness (TU-104)
Room 104
 Torree M. McGowan, MD, FACEP

Foot & Ankle Fractures Made Easy (TU-106)
Room 253
 Jefferey Feden, MD

Immune Checkpoint Inhibitors: Lifesaving, Yet Toxic (TU-105)
Room 153
 Marilyn J. Heine, MD, FACEP

Neurologic Zebras in Kids: Flaccid Myelitis, ADEM, NMDA Receptor Antibodies & More (TU-107)
Room 156
 Amanda B. Price, MD

Resuscitation-Minded: Metacognition at the Bedside (TU-103)
Room 205
 Marie-Carmelle Elie, MD, FACEP



Traumatic Brain Injury – What Matters Most in Severe TBI (TU-108)
Room 107
 Tina Choudhri, MD

9-9:50 a.m.

Crashing Tox Patient (TU-111)
Room 210
 Gillian Beauchamp, MD

Is There Life Outside of Clinical Medicine? (TU-110)
Room 160
 Rachel E. Garvin, MD

Needle In a Haystack: Who Needs the LP? (TU-109)
Room 258
 Roderick Fontenette, MD, FACEP; Trevor Lewis, MD

9:30-9:50 a.m.

Bundle Branch Block Unblinded – Identifying Acute MI (TU-112)
Room 253
 Jeffrey Tabas, MD, FACEP

Kids with Otitis, Bronchitis, Conjunctivitis, or Sinusitis – Who Needs Antibiotics? (TU-116)
Room 104
 Dan Imler, MD

Nebulous Neck Masses: A Difficult Differential Diagnosis (TU-114)
Room 153
 Joshua S. Broder, MD, FACEP

SSS: Snake, Scorpion & Spider Envenomations (TU-117)
Room 107
 Craig Smollin, MD

The HR Nightmare: Managing Difficult Faculty (TU-113)
Room 205
 Thom Mayer, MD, FACEP

10-10:20 a.m.

#InsuranceFail: Surprise Billing Update 2021 (TU-118)
Room 104
 Alison J. Haddock, MD, FACEP

A Fistful of Fractures (TU-121)
Room 258
 Mathew Levine, MD, FACEP

Anticoagulation Reversal: Part of the ABCs of Resuscitation (TU-119)
Room 205
 Michael A. Gibbs, MD, FACEP

 **COVID Confusion: Neurologic Complications of COVID-19** (TU-120)
Room 156

Matthew S. Siket, MD, FACEP

 **Pediatric Status Asthmaticus in 2021: What's in Your Kitchen Sink** (TU-122)

Room 107

Emily C. MacNeill, MD

10-10:50 a.m.

Clinical Pearls From the Recent Medical Literature 2021: Part 1

(TU-126)

Room 210

W. Richard Bukata, MD; Ken Milne, MD;
Jan M. Shoenberger, MD, FACEP

Ultrasound-Guided ACLS Resuscitation (TU-125)

Room 160

Jennifer Carnell, MD, FACEP

Working as a Female in the ED: Coffee House Chat (TU-124)

Room 107


Diane M. Birnbaumer, MD, FACEP;
Vonzella A. Bryant, MD, FACEP; Arlene Chung, MD, FACEP; Tarlan Hedayati, MD;
Starr Knight, MD

10:30-10:50 a.m.

 **Acute Red Eye, Discharge or Disaster?** (TU-129)

Room 107

Megan Boysen Osborn, MD, FACEP

 **Breaking VAD: When a Broken Heart Fails** (TU-127)


Room 205

Cameron K. Berg, MD, FACEP

 **Congenital Cardiac Diseases** (TU-132)

Room 258

Alisa A. McQueen, MD, FACEP

 **Telemedicine Regulatory Changes Zooming to Your Practice**

(TU-130)

Room 104


Meeta P. Shah, MD

 **TIA Management: Don't Just Do Something, Stand There**

(TU-131)

Room 153

David Zodda, MD, FACEP

 **Tummy Time Instead of Tube? Oxygenation Strategies for the Hypoxic COVID-19 Patient** (TU-128)

Room 156

Max A. Hockstein, MD

12:30-1:20 p.m.

Cruising the Literature: Updates in Airway Management (TU-138)

Room 210

Haney Mallemat, MD

Emotional Intelligence & Mindful Listening (TU-141)

Room 104

Jay A. Kaplan, MD, FACEP

GOTCHA! The Medical Chart: Anticipating the Lawyer's Review (TU-142)

Room 153

Diana Nordlund, DO, JD, FACEP

Tools for Combating Burnout: Using Mindfulness to Your Advantage

Workshop (TU-140)

Room 254


Vidor E. Friedman, MD, FACEP

Trauma at Your Doorstep: Different Environments, Different Approaches (TU-143)

Room 253

Regan F. Lyon, MD, FACEP (Moderator);
Torree M. McGowan, MD, FACEP; Maria E. Moreira, MD, FACEP

12:30-12:50 p.m.

 **Bloody Hell: GI Bleed**

Management in the ED (TU-133)

Room 205


Salim Rezaie, MD, FACEP

 **Classic Pediatric Rashes**

(TU-135)

Room 156

Andrea Fang, MD

 **Diversity, Equity & Inclusion: the Patient, Trainee & Leadership Perspective** (TU-137)

Room 107

Andrea L. Green, MD, FACEP

 **Myocarditis: Detecting a**

Subtle Killer (TU-134)

Room 160

Megan Fix, MD, FACEP

 **Non-Traumatic Back Pain:**

Why It Should Tighten Your

Sphincter (TU-136)

Room 258

Tomas Diaz, MD

1-1:20 p.m.

 **Controversies in Prehospital Care: The Evidence vs the**

Fad (TU-152)

Room 156

Michael G. Gonzalez, MD, FACEP

 **More Than A Poke To the Eye:**

Traumatic Eye Injuries (TU-149)

Room 205

Jacob Avila MD

 **New Sepsis Guidelines: Latest But Not Greatest** (TU-150)

Room 107

John C. Perkins, Jr, MD, FACEP

 **Pain in the Neck: Diagnosis & Treatment of Vertebral & Carotid Dissections** (TU-148)

Room 160

Joshua S. Broder, MD, FACEP

 **Spinal Pathology: Striking the Right "Cord" With Your Diagnostic Skills** (TU-151)

Room 258

Andrew D. Perron, MD, FACEP

1:30-1:50 p.m.

 **Buoyant Bellies: Sick Cirrhotic Patients in the ED** (TU-153)


Room 104

Joseph Palter, MD

 **Other People's Parts: Transplant Troubles** (TU-156)

Room 258

Annahieta Kalantari, DO, FACEP

 **RVU Killers: The Most Common Reimbursement Documentation Errors** (TU-158)

Room 210

Michael A. Granovsky, MD, FACEP

 **The Case for Nasopharyngoscopy in the ED**

(TU-155)

Room 153

Susan Wilcox, RMD

 **There's Nothing Normal About Saline** (TU-154)

Room 205

Marie-Carmelle Elie, MD, FACEP

 **Whole Lotta Shakin' Goin' On: Update on Seizure & Status Management** (TU-157)

Room 107

Roderick Fontenette, MD, FACEP

1:30-2:20 p.m.

Pandemic Policy Lessons From the Frontlines (Colin C. Rorrie, Jr. Lecture) (TU-161)

Room 253

Anne Zink, MD; Steven Stack, MD, MBA

Practice to Penitentiary: Criminal Liability in EM Practice (TU-162)

Room 160

Jennifer Stankus, MD, JD

TUESDAY

Procedural Ultrasound (TU-160)

Room 156
Arun Nagdev, MD

2-2:20 p.m.

Advanced Recognition & Treatment of Bradycardias (TU-163)

Room 205
Tarlán Hedayati, MD, FACEP

Noisy Breathing in Kids – From Boogers to Badness (TU-166)

Room 258
Camilo Gutiérrez, MD, FACEP, FAAE

Post-Tonsillectomy and Other HEENT Hemorrhage: This is Gonna Be a Bloody Nightmare (TU-165)

Room 104
Megan Boysen Osborn, MD, FACEP

Rescue Strategies for Severe Hypoxia in the ED (TU-167)

Room 107
Maxwell A. Hockstein, MD

Sexual Assault, IPV & Human Trafficking: At Risk Patients in Your ED (TU-159)

Room 153
Merle A. Carter, MD, FACEP

Stop the Belly-Aching: Pearls & Pitfalls in the Care of Older Adults with Abdominal Pain (TU-164)

Room 210
Luz M. Silverio, MD

3:30-3:50 p.m.

Chest Tubes – Pearls & Pitfalls (TU-173)

Room 153
Starr Knight, MD

Classical Cric & New Techniques (TU-168)

Room 210
Michael A. Gibbs, MD, FACEP

Keeping It Simple: Pearls & Pitfalls in Emergency Care of Medically Complex Children (TU-172)

Room 156
Camilo Gutiérrez, MD, FACEP, FAAE

Report Your MIPS or Your Paycheck Dips: Emergency Physician Compensation Update 2021 (TU-171)

Room 107
Michael A. Granovsky, MD, FACEP

The Airway Triple Threat: Allergy, Anaphylaxis & Angioedema (TU-170)

Room 160
Ugo A. Ezenkwele, MD, FACEP

3:30-4:20 p.m.

Atrial Fibrillation 2021: Don't Miss a Beat (TU-174)

Room 253
Jeffrey Tabas, MD, FACEP

Difficult Dislocations (TU-176)

Room 258
Jefferey Feden, MD

Emergency Ultrasound 101: 10 Things You Need to Know for Your Community ED Gig (TU-175)

Room 104
Benjamin C. Smith, MD, FACEP

Toxicology Jeopardy (TU-177)

Room 205
Gillian A. Beauchamp, MD

3:30-5:30 p.m.

Alternative Pain Management Workshop (TU-178)

Room 254
Alexis LaPietra DO, FACEP; Arian Nachat, MD

4-4:20 p.m.

Intersections: EMS Dispatch, Telemedicine, Community Paramedicine (TU-185)

Room 153
Michael G. Gonzalez, MD, FACEP

Medical Errors: Prevention & Disclosure (TU-186)

Room 156
Catherine A. Marco, MD, FACEP

Telemedicine in the Age of COVID: How to Leverage This Technology in Your ED (TU-184)

Room 107
Meeta P. Shah, MD

Traumatic Cardiac Injury – Confusion with Contusion (TU-183)

Room 210
Megan Fix, MD, FACEP

Wellness & the EMR: Strategies to Improve Your Efficiency & Time Management (TU-169)

Room 160
Dan Imler, MD

4:30-4:50 p.m.

Depressed & Overdosed (TU-190)

Room 258
Craig Smollin, MD

How Do We Handle COVID-19, CAP & Influenza (TU-188)

Room 205
John C. Perkins, Jr, MD, FACEP

How to be an Effective Mentor (TU-187)

Room 210
Arlene Chung, MD, FACEP

Physical Exam vs Imaging in Blunt Neck Injuries (TU-191)

Room 153
Matthew S. Siket, MD, FACEP

Shoulder Injury & Pathology: Shouldering the Burden (TU-189)

Room 104
Mathew Levine, MD, FACEP

4:30-5:20 p.m.

Clinical Pearls from the Recent Medical Literature 2021: Part 2 (TU-31)

Room 253
W. Richard Bukata, MD; Ken Milne, MD; Jan M. Shoenberger, MD, FACEP

Cranial Nerve Conundrums: When is It an Emergency? (TU-194)

Room 156
Trevor Lewis, MD, FACEP

Locums: Where Are We Now? (TU-195)

Room 160
Tracy G. Sanson, MD, FACEP

Recognizing the Top 10 Pediatric & Adult Rashes (TU-192)

Room 253
Alisa A. McQueen, MD, FACEP

5-5:20 p.m.

Defensive Design: Preventing EHR Errors While Looking Good (TU-198)

Room 153
Matthew A. Silver, MD, FACEP

Paranoid to Paralyze: How to Safely Perform Awake Intubations (TU-196)


Room 205
Haney Mallemat, MD


The Nerve! Ultrasound Guided Lower Extremity Nerve Blocks (TU-199)

Room 104
Jacob Avila, MD

WEDNESDAY


5-5:30 p.m.


 **Male GU Emergencies: Bent, Broken & Backed Up** (TU-200)
Room 258
Jacob Hennings, MD


 **New Cardiac Drugs 2021: What, How & When** (TU-197)
Room 210
George C. Willis, MD, FACEP


WEDNESDAY


8-8:20 a.m.


 **Austere Critical Care: Lessons Straight From the Battlefield** (WE-207)
Room 253
Regan F. Lyon, MD, FACEP


 **Debunking Myths of Electrolytes in Resuscitation - Ca, HCO₃, Mg, etc** (WE-203)
Room 104
Salil K. Bhandari, MD

 **High Risk Orthopedic Injuries in the ED** (WE-204)
Room 107
Anna Waterbrook, MD, FACEP, CAQ-SM

 **Informed Consent: Sign Here...See You in Court** (WE-206)
Room 153
Rachel A. Lindor, MD, JD

 **The Life-Threatening Asthmatic** (WE-205)
Room 156
Matthew A. Roginski, MD

 **Top 5 Mistakes to Avoid as a Leader** (WE-202)
Room 258
John M. Bailitz, MD, FACEP

 **Wide & Whacked Tachycardias: A Rational Approach to Diagnosis & Management of Wide Complex Tachycardia** (WE-201)
Room 210
Tarlán Hedayati, MD, FACEP


8-8:50 a.m.


Cruising the Literature: Top Articles in Critical Care (WE-139)
Room 210
Rory Spiegel, MD


Life-Saving Procedures in Trauma (WE-209)
Room 205
Starr Knight, MD


Visual Toxicology Workshop (WE-208)
Room 254
Trevonne Thompson, MD, FACEP

8:30-8:50 a.m.


 **Abdominal Pain That Isn't: The Masqueraders** (WE-214)
Room 160
Diane Birnbaumer, MD, FACEP

 **Medical Mimics: Medical Causes of Psychiatric Symptoms** (WE-217)
Room 253
Jacob Avila, MD


 **Neurologic Emergencies in Pregnancy: Pre-Eclampsia & Beyond** (WE-220)
Room 156
Sarah L. Manning, MD

 **Pediatric Patients & COVID: Carriers & Presentations of Disease** (WE-219)
Room 258
Russ Horowitz, MD


 **Treatment Strategies for AMI – Pearls & Pitfalls** (WE-216)
Room 107
Mary E. McLean, MD


 **When the Right Goes Wrong – Recognizing & Treating Right Heart Failure** (WE-215)
Room 104
Andrew Matuskowitz, MD

9-9:20 a.m.


 **Abscess Management: Incise Smarter** (WE-223)
Room 104
Gil Z. Shlamowitz, MD, FACEP

 **Into the Chamber: Emergency Indications for Hyperbaric Medicine** (WE-226)
Room 258
Kelly K. Johnson-Arbor, MD, FACEP

 **Pearls for Procedural Sedation** (WE-221)
Room 210
Steven T. Haywood, MD

 **Shaken Not Stirred: Alcohol Withdrawal** (WE-224)
Room 153
Shannon L. Toohey, MD, FACEP

 **The Dark Sides of Social Media: How to Deal With Trolling & Harassment** (WE-225)
Room 156
Nikita Joshi, MD

 **Under Pressor! Utilizing IV Pressors in the ED** (WE-222)
Room 205
Peter M. DeBlieux, MD, FACEP

9-9:50 a.m.

Divorce, Depression & Loss: How to Keep Going When It All Falls Apart (WE-230)
Room 254
Arlene Chung, MD, FACEP


Maintaining Your ABEM Certification: Review of 2020 Lifelong Learning & Self-Assessment Articles (WE-229)
Room 107
Luis M. Lovato, MD


Patient Satisfaction: Truths, Half-Truths & Utter Lies - A Debate for the Ages (WE-227)
Room 160
Robert W. Strauss, MD, FACEP (Moderator); Tracy G. Sanson, MD, FACEP; Matthew A. Silver, MD, FACEP


ReimbERsement 101: What You Don't Know CAN Hurt You (WE-228)
Room 253
Michael A. Granovsky, MD, FACEP

9:30-9:50 a.m.


 **2020 Disasters in Review: Is the Dumpster Fire Over Yet?** (WE-235)
Room 205
Shira A. Schlesinger, MD, MPH, FACEP

 **Basics in Burn Management** (WE-232)
Room 104
Jacob Hennings, MD

 **Putting Zip in Your ZOOM** (WE-236)
Room 153
Christian Rose, MD

 **Subtle Signs of Abuse: It's Not All About Bruises** (WE-234)
Room 258
Alisa A. McQueen, MD, FACEP

 **Tapping A Joint** (WE-233)
Room 210
Abdulkareem Agunbiade, MD

 **Unlearning Implicit Bias** (WE-231)
Room 156
Bernard L. Lopez, MD, FACEP

WEDNESDAY

10-10:20 a.m.

Beyond UpToDate: Calm the Chaos of Continuing Education

(WE-240)

Room 104

Salil K. Bhandari, MD

Paradoxical Vocal Fold Motion – An Unrecognized but Common Cause of Stridor (WE-238)

Room 153

Darren Braude, MD, MPH, Paramedic

Pediatric Vital Signs – You Don't Know What You Are Missing

(WE-239)

Room 156

Tim Horeczko, MD, MSCR, FACEP, FAAP

Resuscitation That Kills: Right Heart Resuscitation (WE-237)

Room 258

Matthew A. Roginski, MD

10-10:50 a.m.

Opiate Withdrawal in the ED – Treat or Street: ACEP Connect

(WE-244)

Room 160

Rachel Haroz, MD; Alexis La Pietra, DO; Arian Nachat, MD

Ask the Experts: Ethical Dilemmas & Tough Decisions in the ED (WE-242)

Room 210

Vonzella A. Bryant, MD, FACEP; Vidor E. Friedman, MD, FACEP; Catherine A. Marco, MD, FACEP

ED Boarders: Managing the Challenge (WE-9)

Room 205

Jay A. Kaplan, MD, FACEP

Lytes Out! Electrolytes Gone Wrong (WE-241)

Room 253

Zack Repanshek

Physician Do No Harm: A Comprehensive Look at Physician Suicide Workshop (WE-243)

Room 254

Christopher I. Doty, MD, FACEP

Resuscitation of the Trauma Patient (WE-245)

Room 107

Christopher Colwell, MD, FACEP

10:30-10:50 a.m.

Gettin' Piggy With It: Are Chest Tubes a Thing of the Past?

(WE-247)

Room 104

Michael E. Winters, MD, FACEP

How I Learned to Love Treating Chronic Abdominal Pain & Vomiting (WE-246)

Room 153

Joyce Li, MD, MPH

Important Soft Tissue Injuries: It's Not All About the Bones (WE-249)

Room 258

Luz M. Silverio, MD

Soundwaves & Soft Tissues (WE-248)

Room 156

Starr Knight, MD

Avoiding Pediatric Airway Panic: Advanced Pediatric Airway Management (WE-256)

Room 210

Alfred D. Sacchetti, MD, FACEP

Emerging Trends: Cases in Poisoning Management (WE-258)

Room 253

Trevonne Thompson, MD, FACEP

The Flipped Classroom (WE-257)

Room 254

J. Scott Wieters, MD, FACEP

12:30-12:50 p.m.

But I Didn't Say Anything: Effective Skills for Non-Verbal Communication (WE-254)

Room 104

Robert W. Strauss, Jr., MD, FACEP

Contract Nightmares: Due Process, Indemnification Clauses & Non-Competes (WE-123)

Room 160

Terry Kowalenko, MD, FACEP

Focused Orthopedics: A Royal Pain in the Back (WE-252)

Room 258

Anna Waterbrook, MD, FACEP, CAQ-SM

Life-Threatening Headaches in the ED: Evaluation & Management (WE-251)

Room 153

Nida F. Degeys, MD

Newborn Resuscitation: Born But Not Breathing (WE-253)

Room 156

Adeola Kosoko, MD, FACEP

The Unique Intersection of Palliative & Emergency Medicine: Elevating Patient Care & Physician Satisfaction (WE-250)

Room 107

Rita A. Manfredi-Shutler, MD, FACEP

Unpacking the Black Box : Diagnosing Pulmonary Embolism in Pregnancy (WE-255)

Room 205

Lauren M. Westafer, DO

1-1:20 p.m.

AI is Here & is Your Friend: What Machine Learning Can Do for You in Your ED (WE-267)

Room 258

Maame Yaa "Maya" A. B. Yiadom, MD, MPH, MSCI

Does It Itch? Tricks of the Trade from Eczema to Scabies (WE-264)

Room 104

Zack Repanshek

ECLS & Extraordinary Measures in Cardiac Arrest (WE-263)

Room 153

George C. Willis, MD, FACEP

How to Give a Killer Talk (WE-326)

Room 160

Peter M. DeBlieux, MD, FACEP

Picking a HOLE New Approach to Epistaxis (WE-265)

Room 156

Robert Hughes, DO

Ptosis, Tingling & Other Neuro Nuggets (WE-266)

Room 205

Evie Marcolini, MD, FACEP

Termination of Resuscitation (WE-268)

Room 107

Darren Braude, MD, MPH, Paramedic

1:30-1:50 p.m.

Advanced Recognition of Tachycardias (WE-269)

Room 104

Christopher Hahn, MD

1:30-2:20 p.m.

Breaking the Cycle: Implementing a Community Violence Intervention Program in the ED (James D. Mills, Jr. Memorial Lecture) (WE-276)

Room 156

Christopher B. Colwell, MD, FACEP

WEDNESDAY

Building a Better Workplace: Creating Diversity & Inclusion in Your ED! (WE-270)**Room 160**

Nicole Franks, MD, FACEP; Bernard L. Lopez, MD, FACEP

Crisis Standard of Care: Ethical & Legal Implications of COVID Crisis Care (WE-275)**Room 258**

Catherine Marco, MD, FACEP; Nathan Schlicher, MD, JD

Life-threatening Radiographic Emergencies in Pediatric Patients (WE-273)**Room 153**

Russ Horowitz, MD

Moving From Post-COVID Organizational Unwellness to Wellness (WE-271)**Room 253**

Rita A. Manfredi-Shuttler, MD, FACEP; Tracy G. Sanson, MD, FACEP

Non-Traditional AMI Presentations: Don't Miss the Diagnosis (WE-268)**Room 253**

Amal Mattu, MD, FACEP

10 Most Commonly Missed Radiographic Findings in the ED (WE-272)**Room 210**

Teresa S. Wu, MD, FACEP

Ventilator Management: Where's the Easy Button? (WE-274)**Room 205**

Peter M. DeBlieux, MD, FACEP

3:30-3:50 p.m.

Differentiating Dyspnea: Respiratory Failure 101 (WE-281)**Room 253**

Jennifer M. Wilson, MD, FACEP

International Medicine Migrating Your Way (WE-278)**Room 104**

Regan Marsh, MD

Management of Pelvic Trauma (WE-283)**Room 107**

Christopher B. Colwell, MD, FACEP

Pediatric Psych: Punk, Parenting, or Psychiatric Emergency? (WE-280)**Room 153**

Steven M. Selbst MD, FAAP, FACEP

Smoke Inhalation, Cyanide Toxicity & Carbon Monoxide Poisoning (WE-282)**Room 156**

Gillian A. Beauchamp, MD

Stroke Chameleons: Neuro Findings You Can't Miss (WE-279)**Room 258**

Nida F. Degeysys, MD

3:30-4:20 p.m.

Acute Decompensated Heart Failure: Time Critical Interventions (WE-270)**Room 160**

Amal Mattu, MD, FACEP

Maintaining Your ABEM Certification: Review of 2021 Lifelong Learning & Self-Assessment Articles (WE-285)**Room 205**

Luis M. Lovato, MD

Orthopedic Radiographic Diagnosis Not to Miss (WE-284)**Room 210**

Chris Courtney, MD, FACEP

4-4:20 p.m.

COVID19 & Pregnancy: What Do We Know Now? (WE-295)**Room 107**

Sarah L. Manning, MD

Developing Your Career Niche in Emergency Medicine (WE-290)**Room 253**

Christopher I. Doty, MD, FACEP

Environmental Emergencies Jeopardy (WE-294)**Room 258**

Kelly K. Johnson-Arbor, MD, FACEP

How & Why Geriatric ED Accreditation is a Good Idea for Your Hospital, Your ED & Your Patients (WE-293)**Room 104**

Christina Shenvi, MD, PhD, FACEP

Too Hot to Handle! Resuscitation & Management of the Critical Burn Patient (WE-291)**Room 153**

Robert Hughes, DO

Wound Care: What's New & What's Best? (WE-292)**Room 156**

Gil Z. Shlamovitz, MD, FACEP

4:30-4:50 p.m.

Adjust Your Approach: Adjust the D-Dimer! (WE-301)**Room 210**

Lauren M. Westafer, DO

Climate Fever: Earth's Vital Signs are Changing Emergency Medicine Practice (WE-299)**Room 104**

Renee Salas MD, MPH

COVID Toes or Something Else? How to Assess Rashes in the Traveler (WE-298)**Room 205**

Emily A. Rose, MD, FACEP

Scary Baby Bellies (WE-300)**Room 153**

Adeola Kosoko, MD, FACEP

Syncope & Near Syncope: Who Can Go Home? (WE-296)**Room 253**

Andrew Matuskowitz, MD

Undifferentiated Shock: Making a Difference (WE-297)**Room 258**

Michael E. Winters, MD, FACEP

4:30-5:20 p.m.

Is Medicare for All Ready for Prime Time? (WE-303)**Room 160**

James Mitchiner MD, MPH; Arvind Venkat, MD, FACEP

Super Strategies to Help Your ED Super Utilizers (WE-302)**Room 156**

Nicole Franks, MD, FACEP

What's New in Antibiotics in the ED (WE-304)**Room 107**

Bryan D. Hayes, PharmD, DABAT, FAACT, FASHP

4:30-5:30 p.m.

Vertigo Skills Workshop (WE-305)**Room 254**

Evie Marcolini, MD, FACEP; Matthew S. Siket, MD, FACEP

5-5:20 p.m.

Botched Botox & Bad Fillers (WE-307)**Room 205**

Jacob Hennings, MD

ECG in Syncope: The Expert Approach (WE-306)**Room 258**

J. Scott Wieters, MD, FACEP

How to Succeed in Your First Five Years of Practice (WE-310)**Room 104**

Abdulkareem Agunbiade, MD

THURSDAY

Is There a Doctor On Board? Medical Emergencies at 28,000 Feet (WE-311)
Room 210
 Amy Ho, MD

Nightmare ENT Emergencies: Sore Throats That Can Kill (WE-308)
Room 153
 Elizabeth P.D. Pontius, MD, FACEP

The Critical Child in the Community ED: Optimum Care Without Optimum Resources (WE-309)
Room 253
 Joyce Li, MD, MPH

THURSDAY

8-8:20 a.m.

Dealing with (Anonymous) Criticism (TH-316)
Room 153
 Robert W. Strauss, Jr., MD, FACEP

Digital Scholarship: Connection & Discovery Through Technology (TH-313)
Room 104
 Danielle Miller, MD

Hypotensive Heart Failure: CHF End Game (TH-312)
Room 253
 Jennifer M. Wilson, MD, FACEP

Imaging Overtesting & Overuse: Just How Dangerous Is It? (TH-315)
Room 258
 Kevin King, MD

Moving from Unwellness to Wellness at the Organizational Level (TH-314)
Room 156
 Rita A. Manfredi-Shuttler, MD, FACEP

8-8:50 a.m.

Become a Star at Your Deposition: An Insider's Guide (TH-318)
Room 107
 Nathan Schlicher, MD, JD

Cruising the Infectious Disease Literature (TH-317)
Room 210
 Alfred D. Sacchetti, MD, FACEP

Cruising the Literature: Trauma 2021 (TH-320)
Room 160
 Christopher B. Colwell, MD, FACEP

Poisoned & Bizarre! ECGs in Toxicologic Emergencies (TH-319)
Room 205
 Todd Phillips, MD

8:30-8:50 a.m.

Beyond the Pain: Treating Sickle Cell in the ED (TH-324)
Room 104
 Alisa V. Wray, MD

Does Unstable Angina Still Exist? Evaluation After AMI is Excluded (TH-322)
Room 153
 Deborah B. Diercks, MD, MSc, FACEP

Lung Ultrasound in the ED: Don't Diss Dyspnea (TH-325)
Room 253
 John M. Bailitz, MD, FACEP

Rashes to Know in the Anti-Vax Population (TH-323)
Room 156
 Prianka Kandhal, MD

The LMA is in! Now What? (TH-321)
Room 258
 Darren Braude, MD, MPH, Paramedic

9-9:20 a.m.

10 Ways in 20 Minutes: How to Shape Health Care Policy (TH-327)
Room 104
 Aisha Terry, MD, MPH, FACEP

Food Borne illnesses: What's Not Good to Eat (TH-328)
Room 153
 Regan Marsh, MD

Metabolic Disasters in Kids - Lethal Disorders You Have Never Heard of & How to Treat Them (TH-329)
Room 107
 Ilene Claudius, MD

Plight of the Pelvic Exam: Can It Really Be Dismissed? (TH-330)
Room 160
 Sarah L. Manning, MD

9-9:50 a.m.

Crashing Patients: Peri-Arrest Pearls for a New Decade (TH-331)
Room 253
 Michael E. Winters, MD, FACEP

Mistakes You Do Not Want to Make in Pediatric Patients (TH-333)
Room 205
 Steven M. Selbst MD, FAAP, FACEP

What Do You Mean Dizzy? (TH-332)
Room 258
 Emily Rose, MD, FACEP

Wilderness Medicine: Get Out Safely (TH-334)
Room 210
 Kelly K. Johnson-Arbor, MD, FACEP

9:30-9:50 a.m.

Bones, Beads & Beans: ENT Foreign Bodies (TH-337)
Room 104
 Robert Hughes, DO

Deadly Dialysis: A Review of Dialysis Complications & Their Initial Management (TH-338)
Room 153
 Shannon L. Toohey, MD, FACEP

Engaging the Distracted Learner: Supercharge Your Teaching Skills (TH-336)
Room 156
 Christina Shenvi, MD, PhD, FACEP

Hypertensive Emergencies: Drugs, Drips & Drops (TH-335)
Room 107
 Philip H. Shayne, MD, FACEP

10-10:20 a.m.

COVID Coagulopathy: What Do We Know & What Can We Do? (TH-340)
Room 210
 Steven T. Haywood, MD

Hot Topics in the Recent EMS Literature (TH-341)
Room 104
 Shira A. Schlesinger, MD, MPH, FACEP

Noninvasive Cardiac Testing in Low Risk Chest Pain – Which Modality is Best? (TH-339)
Room 153
 Susanne D. Demeester, MD, FACEP

10-10:50 a.m.

Critical Update in Toxicology 2021 (TH-346)
Room 258
 Trevonne Thompson, MD, FACEP

Managing Dental Emergencies Like a Pro (TH-342)
Room 156
 Elizabeth P. D. Pontius, MD, FACEP

Staying Cool With Pediatric Fever (TH-344)
Room 253
 Alfred D. Sacchetti, MD, FACEP

THURSDAY

Stroke Care 2021: State of the Art
(TH-345)**Room 107**
Zack Repanshek**Top 10 Antibiotic Mistakes in the ED** (TH-343)**Room 205**
Bryan D. Hayes, PharmD, DABAT, FAACT, FASHP**What's Next: 5 Strategies for Reinventing Your Career in Uncertain Times** (TH-78)**Room 160**
Jay A. Kaplan, MD, FACEP

10:30-10:50 a.m.

Cardiac Tamponade: Ain't No Thrill to Have No Fill (TH-347)**Room 104**
Jennifer M. Wilson, MD, FACEP**Grasping the Hand: Beyond the Basics of Digital Trauma** (TH-348)**Room 210**
Alexander Sheng, MD**Pediatric Sickle Cell Disasters** (TH-349)**Room 153**
Tim Horeczko, MD, MSCR, FACEP, FAAP

11-11:20 a.m.

Million Dollar (Wo)Men: Can We Rebuild Them? (TH-350)**Room 210**
Zachary M. Shinar, MD

11-11:50 a.m.

Navigating Bias, Uncertainty & Privacy in the Age of AI: Unintended Consequences: ACEP Connect (TH-354)**Room 104**
Tomas Diaz, MD; Sayon Dutta, MD; Christian C. Rose, MD; Maame Yaa "Maya" A. B. Yiadom, MD, MPH, MSCI**High-Risk Cases in EM** (TH-358)
Room 258

Rachel A. Lindor, MD, JD

Maintenance of Certification: How I Learned to Stop Worrying & Love MOC (TH-353)**Room 156**
Terry Kowalenko, MD, FACEP**Tips for Trauma Radiology** (TH-352)
Room 205

Teresa S. Wu, MD, FACEP

Winner, Winner, Chicken Dinner: Negotiation Skills for Win-Win Outcomes (TH-357)**Room 253**
Robert W. Strauss, Jr., MD, FACEP

11:30-11:50 a.m.

Fast Track Ortho Encounters
(TH-359)**Room 210**
Alexander Sheng, MD**The Unvaccinated Child in the Pediatric ED** (TH-360)**Room 153**
Ian Kane, MD

12-12:20 p.m.

Demystifying Neurological Technology – Shunts, Pumps & Stimulators (TH-364)**Room 258**
Wan-Tsu Wendy Chang, MD**Hot & Heavy: Non-Infectious Causes of Fevers** (TH-363)**Room 210**
Alisa V. Wray, MD**Innovative Education Strategies in the Virtual World**
(TH-362)**Room 205**
Danielle Miller, MD**Sex, Lies & Cardiac Emergencies** (TH-361)**Room 253**
Susanne D. Demeester, MD, FACEP**Trauma STAT! Fluids, Factors & the TEG!** (TH-277)**Room 156**
Zachary M. Shinar, MD

12-12:50 p.m.

Brittle & Broken: Geriatric Trauma Practical Pearls & Pitfalls (TH-366)**Room 104**
Rita A. Manfredi-Shutler, MD, FACEP**Fatal Imaging Myths That Will Change Your Practice** (TH-365)**Room 153**
Kevin King, MD

12:30-12:50 p.m.

Asymptomatic Hypertension: Just Stand There? (TH-367)**Room 205**
Philip H. Shayne, MD, FACEP**De-Escalation in the ED: Treating Agitation** (TH-369)**Room 253**
Emily Rose, MD, FACEP**Harm Reduction – If You Can't Quit, at Least be Safer** (TH-373)**Room 210**
Amy F. Ho, MD**Pediatric Extremity Fractures: The Rule of the Ring** (TH-370)**Room 258**
Prianka Kandhal, MD**Pediatric Myths, Misnomers & Flat Out Lies** (TH-372)**Room 156**
Tim Horeczko, MD, MSCR, FACEP, FAAP**Posterior Strokes: A Dizzying Differential** (TH-368)**Room 107**
Roderick Fontenette, MD, FACEP**Sugar & Spice & Everything is NOT Nice: Pediatric Endocrine Emergencies** (TH-371)**Room 160**
Illene Claudius, MD



On Demand

See page 8 for details on how to access On Demand sessions and page 41 for details on how to claim your CME credit.

Airway, Anesthesia, Analgesia

Been There, but Hope to Never Do That Again: Averting Common Airway Errors

Erik Laurin, MD

Breathe Easy: Airway Cases

Colin G. McCloskey, MD

Cardiovascular Disorders

Acute Decompensated Heart Failure: Time Critical Interventions

Amal Mattu, MD, FACEP

From Paper to Patient: Recent Advances in Emergency Electrocardiography That Will Save a Life

Amal Mattu, MD, FACEP

Myocardial Ischemia & Mimics: ECG Cases

Amal Mattu, MD, FACEP

Non-Traditional AMI Presentations: Don't Miss the Diagnosis

Amal Mattu, MD, FACEP

Career Advancement Through Teaching

Critical Appraisal and FOAMed: Is FOAMed the Problem or the Solution?

Jeremy S. Faust, MD, MS, FACEP

Critical Care

The Physiologically-Difficult Airway – Steps to Prevent Your Patient's Inevitable Demise

Steven T. Haywood, MD

Dermatologic Disorders

Approach to the Unknown Rash

Catherine A. Marco, MD, FACEP

Hey Doc, What's This? Cutaneous Findings to be Concerned About

Catherine A. Marco, MD, FACEP

ED Management & Leadership

Dogmalysis: Challenging Myths & Dogma in Emergency Medicine

Matthew A. Silver, MD, FACEP

Number Needed to Treat: Pinpointing ED Interventions That Matter Most

Jeffrey Tabas, MD, FACEP

Emergency Imaging

Handy Skills: Reading a Hand/Wrist X-Ray

Jeremy S. Faust, MD, MS, FACEP

Geriatric

Advanced Topics in Geriatric Emergency Medicine

Katren Tyler, MD

Infectious Disease

HIV in the ED – What You Need to Know to Maximize Care for This Patient Population in 2021

Daniel McCollum, MD

What's New in Infections Down There

Daniel McCollum MD

Metabolic and Endocrine Disorders

Kidney Krunch: Renal Issues That Matter

Camiron L. Pfennig, MD, FACEP

Neurologic Disorders

Demented, Delirious or Depressed? Not You, Your Patient

Evie G. Marcolini, MD, FACEP

Subtle Strokes: Symptoms You Can't Neglect!

David Zooda, MD, FACEP

Orthopedics and Sports Medicine

Going to Pieces: Rapid, High Yield ED Ortho Exam

James A. Webley, MD

Pediatric Disorders

Brief Resolved Unexplained Event (Previously Known as ALTE) – Who Can Go Home?

Ian Kane, MD

Different Strokes for Pediatric Folks

Amanda B. Price, MD

Pediatric Procedural Hacks: What They Didn't Teach You in Residency

Russ Horowitz, MD

Pulmonary Disorders

Pink Puffers & Blue Bloaters: Pearls & Pitfalls for COPD Management

Boyd Burns, DO, FACEP

Trauma

Adult Trauma Pearls and Pitfalls

Maria E. Moreira, MD, FACEP

Advanced Wound Closure in the ED: Putting the Pieces Back Together

Robert T. Stenberg, MD

Big Hurts, Small People: Pain Management of the Pediatric Trauma Patient

Marianne Gausche-Hill, MD, FACEP

Urologic and OB/Gyn Disorders

Emergency Care for Transgender Patients

Emily C. MacNeill, MD

Gynecologic Complaints in the Young and Old: GU Issues at the Extremes of Ages

Sara L. Manning, MD

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 David Zodda, MD, FACEP
 Leslie Zun, MD

Faculty Assistants

Igor Middlebrook, DO, MS
 Katherine Vlasica, DO

Expert Theaters

These non-CME presentations can add to your educational experience. Learn about company products and services that can help you in your practice. Both in-person and virtual sessions will take place during conference breaks. In-person sessions are limited to 125 participants, and food and beverages will be served. Make plans now to visit one or more of these daily presentations.

All expert theaters will take place in the Exhibit Hall unless otherwise noted. Those marked with Live and Virtual will be held in-person and hosted on the ACEP21 Conference Platform.

 Virtual  In-Person

MONDAY

Alexion Pharmaceuticals, Inc. Expert Theater

Andexxa

11:30 a.m.-12:15 p.m. | Expert Theater 1

Speaker: James Williams, MS, DO, FACEP

ANDEXXA Promotional Program Overview

- Burden of life-threatening bleeds related to FXa inhibitors
- Review the indication, mechanism of action, efficacy, and safety of ANDEXXA for the reversal of FXa inhibitors apixaban or rivaroxaban in patients with life-threatening bleeds



BTG Specialty Pharmaceuticals Expert Theater

Antivenom Use in the Alpha-Galaxy

11:30 a.m.-12:15 p.m. | Expert Theater 2

Speaker: Spencer Greene, MD, MS, FACEP, FACMT, FAACT, FAAEM

Dr. Greene will discuss pitfalls in the management of North American pit viper envenomation. In this lecture, you will learn how to avoid common mistakes when managing snakebite patients and gain a better understanding of the evidence to support best practices. Topics will include an overview of the medical management of envenomation with an emphasis on regional differences that may impact treatment decisions.



Ceribell, Inc. Expert Theater

Non-Convulsive Seizures and the Need for Rapid Brain Monitoring in the Emergency Department

2:30-3:15 p.m. | Expert Theater 1

Speakers: Diku Mandavia, MD and Laleh Gharahbaghian, MD

Up to one-third of high-risk critical patients have non-convulsive seizures that can cause long-term cognitive disability and morbidity. Time to treatment is critical for optimal outcomes as prolonged seizures are associated with high morbidity and mortality, and thus it is imperative that emergency physicians detect and treat early. Ceribell is a point-of-care brain monitor that enables ED clinicians to detect these silent seizures within minutes upon suspicion.



Abbott POC Expert Theater

The Cutting Edge of Brain Injury Evaluation in the ED: Using Biomarkers for Objective Assessment of Suspected Mild Traumatic Brain Injury (mTBI)

2:30-3:15 p.m. | Expert Theater 2

Speakers: Jesse Pines, MD and Paul Jarvis, MD

The current approach to traumatic brain injury (TBI) evaluation has limitations. Join experts for an update about brain injury biomarkers and how UCH-L1 and GFAP have emerged as promising biomarkers.



Nuance Communications Expert Theater

The Future of the ED is Here: The Digital Transformation of Patient Safety

2:30 pm - 3:15 pm | ACEP21 Platform

Speakers: Dan Sullivan, MD, JD, FACEP and Reid Conant, MD, FACEP

Diagnostic errors account for nearly 75% of all serious harm to patients. Learn how you can drive patient safety in the ED through technology, addressing diagnostic error and poor documentation.



TUESDAY

Beckman Coulter, Inc. Expert Theater

Unlocking the CBC A Role for Monocyte Distribution Width in ED-Based Sepsis Diagnosis

11:30 a.m.-12:15 p.m. | ACEP21 Platform

Speakers: Jeremiah Hinson, MD, PhD and Nima Sarani, MD

Drs. Hinson and Sarani introduce the hematological parameter Monocyte Distribution Width and discuss the latest evidence how it's being used as an aid in severe infection and risk of sepsis in the ED.





Bristol-Myers Squibb Company Expert Theater

Immune-Related Adverse Events Caused by Immune Checkpoint Inhibition

11:30 am - 12:15 pm | Expert Theater 1

Speakers: Stephen Ford, PharmD, BCOP

This presentation will provide an introduction to the immune system and immuno-oncology and educate on some of the immune-related adverse events (irAEs) that can result from immune checkpoint inhibition. We will also review signs and symptoms of select irAEs and provide a summary of general management principles for select irAEs.



Janssen Pharmaceuticals Expert Theater

Clinical Insights in VTE: Treatment & Risk Reduction through Prophylaxis

11:30 a.m. - 12:15 p.m. | ACEP21 Platform

Speaker: James Neuenschwander MD, FACEP, FASAM

This lecture will discuss venous thromboembolism (VTE) prophylaxis, as well as treatment options for patients with deep vein thrombosis and/or pulmonary embolism, and how these treatment options may reduce the risk of recurrent thrombotic events.



Sanofi US Expert Theater

Managing the Coagulopathy of Hospitalized COVID-19 Patients

11:30 am - 12:15 pm | Expert Theater 2

Speakers: Alex C. Spyropoulos, MD, FACP, FCCP, FRCPC

The COVID-19 pandemic continues to be a challenge for health care professionals. With rising infection rates throughout several states in the US, some states are seeing significant hospitalization and ICU admissions. There is also a concern that SARS-Cov-2 infection may prevail into next year. One of the severe complications of COVID-19 is thromboembolism, which resulted from an increased coagulopathy, contributing to mortality for those hospitalized with acute and/or critical COVID-19 illness. This lecture will provide a quick update on the published International and US guidance and the latest evidence on the use of thromboprophylaxis in hospitalized COVID-19 patients.



BrainScope Company, Inc. Expert Theater

Rapid Objective Evaluation of Mild Head Injury in the ED Using EEG-Based Biomarkers

2:30 pm - 3:15 pm | Expert Theater 1

Speakers: Marleine S. Clay, MD, FACEP

Computerized Tomography (CT) scan remains the standard of care for evaluating traumatic brain injury (TBI) in the Emergency Department (ED). Studies have reported that more than 85% of head-injured patients receive CT scans in the ED, yet 91% of these scans are found to be negative. Not only does this practice expose these patients unnecessarily to radiation, but it also increases the use of this resource and lengthens throughput times in the ED. In addition, patients found to be CT negative are most often discharged without evaluation or referral for concussion. There is a great need for the integration of reliable, objective predictors of intracranial injury in the mild head-injured population.



Fisher & Paykel Healthcare Expert Theater

Clinical Practice Guideline for Nasal High Flow

2:30-3:15 p.m. | ACEP21 Platform

Speaker: Casey D. Bryant, MD



WEDNESDAY

Janssen Pharmaceuticals Expert Theater

Clinical Insights in VTE: Treatment & Risk Reduction through Prophylaxis

11:30 a.m.-12:15 p.m. | Expert Theater 1

Speaker: Stanley C. Thompson, MD

This lecture will discuss venous thromboembolism (VTE) prophylaxis, as well as treatment options for patients with deep vein thrombosis and/or pulmonary embolism, and how these treatment options may reduce the risk of recurrent thrombotic events.



BioXcel Therapeutics Expert Theater

Spotlight on Acute Agitation Associated With Schizophrenia and Bipolar Disorders: What Can Be Improved?

11:30 a.m.-12:15 p.m. | Expert Theater 2

Speaker: Leslie Zun, MD

Acute agitation is a behavioral emergency that is very common in patients with schizophrenia and bipolar disorders; it presents along a spectrum from mild to severe, with most behavioral signs consistent with mild to moderate agitation. However, if escalated, agitation poses a potential safety risk to staff and patients. This program will take the audience through an in-depth look into acute agitation as it presents in the acute care setting, discuss current practice, and use a real-world patient case to illustrate de-escalation and guideline-recommended management approaches for agitation. Attendees can look forward to a highly interactive presentation, led by an industry expert, and a Q&A session following the presentation.



BioFire Diagnostics, LLC Expert Theater

COVID-19 and Beyond: Syndromic Respiratory Diagnostics in the ED

2:30-3:15 p.m. | Expert Theater 1

Speaker: Sean-Xavier Neath, MD, PhD

With the evolving epidemiology of respiratory pathogens more uncertain than ever, rapid and comprehensive pathogen ID is at the forefront of emergency medicine. Distinguishing between SARS-CoV-2, influenza, and even adenovirus or parainfluenza accurately and quickly is now possible with a multiplex PCR panel like the BioFire® Respiratory 2.1 (RP2.1) Panel. In this workshop, learn how implementing a syndromic approach to diagnosing respiratory tract infections can help inform patient management decisions in the era of COVID-19.



Regeneron Expert Theater

Appropriate Patients for Neutralizing Monoclonal Antibodies in the Management of COVID-19 Before Hospitalization

2:30 pm - 3:15 pm | Expert Theater 2

The COVID-19 pandemic continues to affect patients around the world, highlighting the need for treatments to combat it. Monoclonal antibodies against SARS-CoV-2 have been shown to be an effective regimen in the fight against COVID-19 and have received emergency use authorization by the FDA. This presentation will discuss the COVID-19 spectrum of disease, the mechanism of action and clinical experience of a COVID-19 monoclonal antibody therapeutic, as well as provide potential guidance for where neutralizing monoclonal antibodies can fit into the management paradigm for COVID-19.



ACEP's Upcoming

2022 Educational Meetings

<p>JANUARY 17-19</p>  <p>REIMBURSEMENT CODING CONFERENCES</p> <p>New Orleans, LA and Virtual</p>	<p>JANUARY & FEBRUARY</p>  <p>ACEP AEMUS ADVANCED EMERGENCY MEDICINE ULTRASONOGRAPHY</p> <p>Board Review Course: Attenuate the Boards</p> <p>Virtual</p>	<p>FEBRUARY 2022</p>  <p>ED DIRECTORS ACADEMY ACEP</p> <p>Phase I and III - Dallas, TX</p>
<p>APRIL 11-13</p>  <p>Advanced Pediatric Emergency Medicine Assembly</p> <p>Virtual</p>	<p>MAY 1-3</p>  <p>Leadership & Advocacy Conference</p> <p>Washington, DC</p>	<p>MAY 23-25</p>  <p>ACEP SIM TRAINING COURSE</p> <p>Tampa, FL</p>
<p>AUGUST 2022</p>  <p>ACEP/CORD Teaching Fellowship</p> <p>Dallas, TX</p>	<p>OCTOBER 1-4</p>  <p>acep Scientific Assembly SAN FRANCISCO 2022</p> <p>San Francisco, CA</p>	<p>NOVEMBER 2022</p>  <p>embrs Emergency Medicine Basic Research Skills</p> <p>Fort Worth, TX</p>

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 American College of
Emergency Physicians®
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Learning Lounge

You are on the go and want to get to the heart of what matters. Stop by the Learning Lounge stage in the Exhibit Hall for 15-minute rapid-fire case studies, product demos and presentations to catch the latest and greatest of what's new in the ED.

MONDAY

Protecting Vulnerable Populations in the ED

Presented by Collective Medical, a PointClickCare Company

11:15-11:30 a.m.

Speaker: Jody Rain, MBA-HM, BSN, RN, CEN

As emergency clinicians, we are faced with providing care to high-risk, vulnerable and sometimes medically complicated patients. As the single point-of-care for most of these patients, ED clinicians are not only challenged with treating these patients, but they are tasked with starting and continuing treatment plans and coordinating care on their own. What we know is that patients go to different facilities seeking answers and treatments; the problem this causes is that clinicians on different EMRs are left to find out information through medical records of their own facility, the patient or starting over on a full course of treatment due to lack of insight of the patient's course of care. We believe that connecting EDs to our nationwide network regardless of EMR, allows for more information to be shared among care providers within their established workflow for more optimal informed care decisions to be made.

ED's Role on Creating a Systematic Approach to VTE Patient Care

Presented by Inari Medical

11:45-12:00 p.m.

Speaker: Adam Leisy MD, FACEP, FAEMS, Chief of Emergency Medicine

A systematic approach to VTE Patient Care was developed by analyzing hospital characteristics that have connected the fragmented patient pathway and improved VTE clinical outcomes. Led by experts in venous diseases, this systematic approach ensures that no patient who should be consulted for intervention will not be missed.

Unlocking the CBC: A Role for MDW Biomarker in ED-Based Sepsis Diagnosis Thru Patient Case Studies

Presented by Beckman Coulter

12:15-12:30 p.m.

Speaker: Nima Sarani, MD

Dr. Sarani will introduce MDW biomarker and discuss patient case studies that showcase its utility as a signal for severe infection and sepsis in the ED.

TUESDAY

Non-Convulsive Seizures and the Need for Rapid Brain Monitoring in the Emergency Department

Presented by Ceribell, Inc.

11:15-11:30 a.m.

Speaker: Diku Mandavia, MD

Up to one-third of high-risk critical patients have non-convulsive seizures that can cause long-term cognitive disability and morbidity. Time to treatment is critical for optimal outcomes as prolonged seizures are associated with high morbidity and mortality and thus it is imperative that emergency physicians detect and treat early. Ceribell is a point-of-care brain monitor that enables ED clinicians to detect these silent seizures within minutes upon suspicion.

Efficiency and Care Coordination Within the ED

Presented by Collective Medical, a PointClickCare Company

11:45 a.m.-12:00 p.m.

Speaker: Jody Rain, MBA-HM, BSN, RN, CEN

Working in the emergency department is not only challenging but also comes with its own unique set of metrics, goals, and throughput concerns. By working with high-risk, high-utilization populations, ED clinicians are continually looking for ways to increase efficiency, reduce readmissions, and improve patient care all while reducing costs. At Collective Medical, we work to optimize care coordination of vulnerable populations across multiple care settings by virtually connecting all members of the care team around a shared patient. By having your health system and outpatient network on the same platform, information and insights can be pushed within established workflows for clinicians to have real time visibility of patient encounters at the point-of-care. This allows the entire care team to work together to reduce costs, reduce readmissions, and increase throughput efficiency of the department.

Is it a Bacterial or Viral Infection? Using Host-Response Technologies to Decode the Immune System and Aid Antibiotic Stewardship

Presented by MeMed

12:15-12:30 p.m.

Speaker: Sergey Motov, Research Director

What would your ED look like if you had a 15-minute serum test that could differentiate between a bacterial and viral infection? And what if that test was validated in multiple multi-national, double-blind clinical studies and real-world usage encompassing more than 20,000 patients? Learn to solve your most challenging antibiotic treatment decisions with expert Sergey Motov, Research Director, Department of Emergency Medicine, from Maimonides Medical Center a leading principal investigator in the Apollo study. Dr. Motov will discuss the challenges of distinguishing between bacterial and viral infections, despite advances in multiplex PCR pathogen panels. You will also learn about novel host-response technologies, which leverage the body's immune system and machine learning, and how they can be used to develop an actionable plan to achieve your antibiotic stewardship goals.

PE Patient Triage: Who Goes Home? Who Gets Admitted? Who Do You Call?

Presented by Inari Medical

2:30-2:45 p.m.

Speaker: Guy Lefort, MD

Learn how purpose-built, non-lytic mechanical thrombectomy devices are changing the landscape of traditional risk stratification and treatment of acute pulmonary embolism.

WEDNESDAY

Non-Convulsive Seizures and the Need for Rapid Brain Monitoring in the Emergency Department

Presented by Ceribell, Inc.

11:15-11:30 a.m.

Speaker: Diku Mandavia, MD

Up to one-third of high-risk critical patients have non-convulsive seizures that can cause long-term cognitive disability and morbidity. Time to treatment is critical for optimal outcomes as prolonged seizures are associated with high morbidity and mortality and thus it is imperative that emergency physicians detect and treat early. Ceribell is a point-of-care brain monitor that enables ED clinicians to detect these silent seizures within minutes upon suspicion.

Top 5 Things to Know About DVT

Presented by Inari Medical

11:45 a.m.-12:00 p.m.

Speaker: Trevor Cummings, MD, FACEP

Learn how purpose-built, non-lytic mechanical thrombectomy devices are evolving care and clinical outcomes of deep vein thrombosis.



October 1-4, 2022

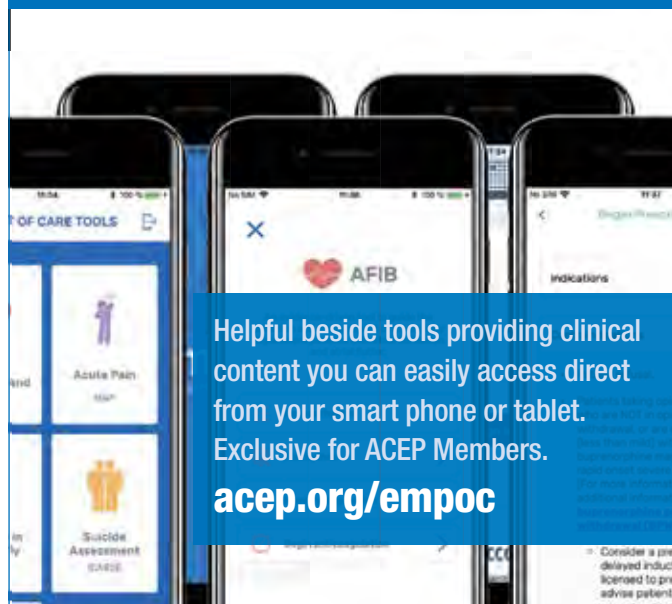


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Industry-Supported Satellite Symposia

This symposia program is not part of the ACEP21 educational program as planned by ACEP's Educational Meetings Subcommittee.

Maintaining Vigilance in the Emergency Department in the Era of Immuno-Oncology: Be Aware, Stay Alert, and Change Your Practice to Ensure Rapid and Accurate Recognition, Triage, Diagnosis, and Treatment of Immune-Related Toxicities

GRANTORS: ASTRAZENECA, BRISTOL MYERS SQUIBB, AND MERCK & CO., INC.

Date: Monday

Time: 7-8 am

Location: Check mobile app for details

Patients with a wide variety of malignancies are now experiencing improved treatment outcomes with the rise and expansion of immune checkpoint inhibitors (ICIs). Through increasing antitumor immunity by blocking intrinsic downregulators of the immune response, ICIs have had a striking impact on the treatment of cancer. With an already comprehensive list of indications as monotherapies and rational combinations, the impact of ICIs is expected to widen, not only in advanced disease but in early-stage, curative-intent settings as well. However, ICIs are also associated with a spectrum of unique toxicities, termed immune-related adverse events (irAEs), which can affect any organ system in the body and occur at any time during or following treatment. Therefore, it is essential that emergency medicine physicians, advanced practice clinicians, and other healthcare professionals remain vigilant, so they can mitigate irAEs and keep patients benefiting from these therapies.

This PeerView Live Candid Conversations and Clinical Consults in-person event and web broadcast will provide practical, case-based guidance to ensure accurate recognition, triage, diagnosis, and management of patients experiencing irAEs associated with ICIs who present to the emergency department.

Learning Objectives:

Upon completion of this activity, participants should be better able to:

- Review the biologic reasons and mechanisms that drive the development of immune-related adverse effects (irAEs) during or after treatment with cancer immunotherapies
- Describe the spectrum of irAEs associated with immune checkpoint inhibitors and combinations, including those most likely to be encountered by emergency medicine (EM) professionals in the emergency department (ED)
- Implement latest recommendations for identification, assessment, diagnosis/differential diagnosis, and management of irAEs in ED settings
- Integrate team-based approaches to triage, evaluate, diagnose, and manage pertinent irAEs in the ED in collaboration with oncology professionals

Faculty:

Faculty are pending.

CME/MOC Credit:

Physician Continuing Medical Education

Medical Learning Institute, Inc. is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Medical Learning Institute, Inc. designates this live activity for a maximum of 1.0 AMA *PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is developed with our educational partner, PVI, PeerView Institute for Medical Education.

This activity is supported by independent educational grants from AstraZeneca, Bristol Myers Squibb, and Merck & Co., Inc.

MOC Statement

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 1.0 Medical Knowledge MOC points and 1.0 Patient Safety MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

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PennState Health Emergency Medicine Residency Program Director

Penn State Health Milton S. Hershey Medical Center is seeking an Emergency Medicine Residency Program Director to join our exceptional academic team located in Hershey, PA. This is an excellent opportunity to join an outstanding academic program with a national reputation and impact the lives of our future Emergency Medicine physicians.

What We're Offering:

- Competitive salary and benefits
- Sign-On Bonus
- Relocation Assistance
- Leadership for Emergency Medicine Residency Program
- Comprehensive benefit and retirement options

What We're Seeking:

- MD, DO, or foreign equivalent
- BC/BE by ABEM or ABOEM
- Leadership experience
- Outstanding patient care qualities
- Ability to work collaboratively within a diverse academic and clinical environment



FOR MORE INFORMATION PLEASE CONTACT:

Heather Peffley, PHR CPRP
Physician Recruiter
Penn State Health

Email: hpeffley@pennstatehealth.psu.edu

Website: careers.pennstatehealth.org

What the Area Offers:

Located in a safe family-friendly setting, Hershey, PA, our local neighborhoods boast a reasonable cost of living whether you prefer a more suburban setting or thriving city rich in theater, arts, and culture. Known as the home of the Hershey chocolate bar, Hershey's community is rich in history and offers an abundant range of outdoor activities, arts, and diverse experiences. We're conveniently located within a short distance to major cities such as Philadelphia, Pittsburgh, NYC, Baltimore, and Washington DC.

Penn State Health is fundamentally committed to the diversity of our faculty and staff. We believe diversity is unapologetically expressing itself through every person's perspectives and lived experiences. We are an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.



ACEP4U

Supporting All Phases of Your Career

ACEP is committed to ensuring emergency medicine physicians have access to resources that help advance their careers: professionally and personally. We have a variety of on-site opportunities at ACEP21, including the EMRA Job & Fellowship Fair (page 6), and several sessions addressing personal finance and career-minded topics (page 71).

Additionally, we recently updated and expanded our online resources to provide for the needs a lifetime in emergency medicine requires. From residency to retirement, and everything in between, you'll find what you need at the ACEP Career Center.

Visit [acep.org/careers](https://www.acep.org/careers) to see how we can assist you.

American Physician Partners is excited to see you in-person during ACEP21!

Ways to Connect

- Visit us at booth #2609 to chat with our recruiters and leadership team to learn how a partnership with us can help you **LIVE, WORK, and PLAY** with the nation's fastest-growing ED group.
- Stop by our booth to grab your free tickets to our reception at the New England Aquarium, Tuesday, October 26, from 6-8 PM EST.
- Talk to our Practice Development Team to secure your practice's future.



Scan our QR code to learn more ways to engage with us during ACEP21.

The APP Difference

- ✓ Patient-centered, physician-centric company
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Protecting the Workforce

ACEP is committed to leading the charge that calls on all of us within emergency medicine to work together to evolve our profession so we can provide the best possible care for our patients. Get updated at acep.org/workforce.

Find Your Next Position

Job searching has never been easier for ACEP members thanks to our exclusive partnership with [emCareers.org](https://emcareers.org). Not only do members get access to a job board filled with hundreds of career opportunities, you can also have your CV reviewed by leaders in emergency medicine and set up job alerts to help find your dream position.

Negotiate Like a Boss

From a checklist to common red flags, and everything in between, we've got you covered when it comes to the ins and outs of contract negotiation. Find these resources at acep.com/careers.

Reduce Your Risk

Emergency physicians are affected by many ethical and legal considerations. For help navigating these murky waters, visit acep.org/ethics-legal.

Connect With Colleagues!

Network with other experts in the diverse areas of emergency medicine and find your niche! With 40 membership sections, you're bound to find like-minded emergency physicians for collaboration and career advancement opportunities. Help cultivate ideas and develop programs to improve the care of emergency patients worldwide. Visit acep.org/sections to learn more.

Catch Up on Salary Trends

Each year, *ACEP Now* provides a Compensation & Salary Report highlighting emergency medicine compensation reports that analyze trends by state, region, setting and other variables. You can read this report in the latest *ACEP Now* issue. There are copies in the Exhibit Hall or find the full archive at acep.org/salary-resources.

Secure Your Finances

We have a variety of information available in the ACEP Career Center to better assist your financial planning. Whether you have questions regarding student loans, investing, or retirement planning, you'll find helpful resources from leading experts.

ACEP members have easy access to CFP Board's "Let's Make a Plan" website, which has valuable information on financial planning and a searchable database of CERTIFIED FINANCIAL PLANNER™ professionals that can work with you to meet your goals. Learn more at acep.org/cfp.

For additional emergency medicine-specific financial needs, you can find several topics from James M. Dahle, MD, FACEP, a.k.a. the White Coat Investor. Visit acep.org/wci for help with financial success.

Utilize Affinity Partners

As an ACEP member, you have access to a variety of discounts from companies that want to support you while you provide care on the front lines. Whether you're on shift or at home, we've got you covered. Save on travel, student loans, insurance, wellness and so much more. Start benefitting today at acep.org/memberbenefits.



Increasing Transparency, Empowering Physicians

ACEP has always supported the right of our members, and all emergency physicians, to make their own decisions regarding employment type. We recognize that the diversity of our membership calls for diverse practice models. ACEP wants to define and clarify the conversation about physician groups and work to ensure transparency in employment models, ownership models and leadership models and to stand firm in our support of best practices.

Language repeated in two 2020 Council resolutions directed the Board of Directors to work to ensure billing transparency and due process for emergency physicians. To that end, ACEP has been answering that call for transparency in a three-pronged approach.

1 Access to the Best Resources

We remain committed to supporting our members as they seek employment by providing resources that equip them to fully understand their employment contract and its implications for their practice. Throughout 2021, we have created or enhanced resources that prepare members to make informed assessments of employment opportunities based upon their personal priorities and criteria.

ACEP worked with our Medical-Legal Committee leaders to create an Employment Contract Checklist to help ACEP members negotiate the many components of an employment contract, including non-compete clauses, geographic location, family/maternity leave, coverage of extended absences within the group, partnership and more. ACEP's Young Physicians Section organized a webinar, "Standard Contract Precautions: Identify Employment Contract Pitfalls" in May 2021.

In tandem with developing contract resources, we believe that emergency physicians should have quick access to job opportunities through a vetted job board. All of these resources can be found at acep.org/careers.

2 Support From the Strongest Policies

ACEP has continued our emphasis on defining core principles and standing for accountability with all employers. ACEP recently adopted and reaffirmed the following policies:

- Compensation Arrangements for Emergency Physicians (Revised April 2021)
- Emergency Physician Compensation Transparency (Approved October 2020)
- Emergency Physician Contractual Relationships (Revised April 2021)
- Emergency Physician Rights and Responsibilities (Revised April 2021)
- Providers of Unsupervised Emergency Department Care (Reaffirmed January 2019)
- Guidelines Regarding the Role of Physician Assistants and Nurse Practitioners in the Emergency Department (Revised June 2020)

3 A Pathway to Employer Transparency

ACEP is working to create greater transparency with all those that employ or contract with emergency physicians in an effort to showcase best practices and physician-friendly policies, including due process, billing transparency clauses and group ownership.

Leading up to ACEP21, ACEP distributed a survey to all employers who advertise with ACEP, including meeting exhibitors, sponsors of ACEP events and advertisers in ACEP print and digital publications. The survey included:

- an attestation regarding the participant's authority to answer questions about their group's employment practices,
- a commitment to six of ACEP's recently reviewed policies establishing standards by which all emergency physicians and those who hire them should practice,
- a profile to complete on their group's employment practices.

ACEP will incorporate the employer group profile data into a database available on acep.org/EmployerProfiles. Employers involved with ACEP21 will have a QR code posted at their booths, in this event program (pages 81-101) and on the meeting app that directs members to their survey responses.

Members will be able to assess each employer's data, and we are working on a mechanism for members to report inaccurate data, much like the process that exists for EMRA Match. Employers will be able to update their data at any time.

Our expectation is that emergency physician employer and contractor groups will not only complete the profile, but will evaluate their policies and practices to ensure a competitive marketplace. At the same time, we want to ensure that emergency physicians are able to confidently approach employment contract negotiations, armed with all relevant details and equipped to ask direct questions about contract issues that matter most to them.



Courses to Elevate Your Career

Career Advancement Through Teaching

Working as a Female in the ED: Coffee House Chat

Tuesday | 10-11 a.m.

Location: Room 253, BCEC

Faculty: Diane M. Birnbaumer, MD, FACEP; Vonzella A. Bryant, MD, FACEP; Arlene Chung, MD, FACEP; Tarlan Hedayati, MD; Starr Knight, MD

A perspective on working as a female in the emergency department.

How to Be an Effective Mentor

Tuesday | 4:30-5 p.m.

Location: Room 104, BCEC

Faculty: Arlene Chung, MD, FACEP

Great mentoring is often the key to a person's career success. But what is great mentoring? How can we be effective mentors? How can we be great mentees? During this session, Dr. Chung will describe how to be an effective mentor and mentee.

Implicit Bias

Wednesday | 9:30-10 a.m.

Location: Room 156, BCEC

Faculty: Bernard L. Lopez, MD, FACEP

Implicit bias is real and may be affecting our teaching and mentoring more dramatically than we realize. This course will teach learners to identify implicit bias and will provide techniques to unlearn these behaviors. Ultimately, this will improve teaching and mentoring of all learners.

The Flipped Classroom

Wednesday | 12:30-1:30 p.m.

Location: Room 254, BCEC

Faculty: J. Scott Wieters, MD, FACEP

Emergency medicine education is rapidly changing. Educators are constantly striving to find ways to deliver motivational, educational material outside the traditional classroom and lecture hall and in an environment that is stimulating. The concept of "flipping the classroom" isn't a new one in education, but renewed interest in this teaching modality has been sparked in recent years by the popularity of the Khan

Academy. Dr. Wieters will discuss how the flipped classroom approach can be used in emergency medicine education and how to use videos to motivate, stimulate and educate learners. Dr. Wieters will introduce the topic and will then demonstrate how to make video screencasts for teaching. Students attending this course are requested to bring their laptop computers with them to work on their projects.

Developing Your Career Niche in Emergency Medicine

Wednesday | 4-4:30 p.m.

Location: Room 253, BCEC

Faculty: Christopher I. Doty, MD, FACEP

Developing a niche, or special area of interest, is an important part of career development in emergency medicine. Choosing a focus area allows physicians to gain special expertise in certain topics that could lead to great career benefits. Dr. Doty will discuss the importance of developing a niche in emergency medicine, how to develop it and how to use it as a career development tool for advancement.

Digital Scholarship: Connection & Discovery Through Technology

Thursday | 8-8:30 a.m.

Location: Room 104, BCEC

Faculty: Danielle Miller, MD

What is digital scholarship? This course will define digital scholarship and describe how technologies continue to redefine medical education. As the use of digital technology increases, new mediums including social media, podcasts and interactive narratives are utilized more frequently for medical education scholarship. How to best optimize digital scholarship for publication and promotion as a medical educator will be discussed.

How to Give a Killer Talk

Thursday | 9-9:30 a.m.

Location: Room 160, BCEC

Faculty: Peter M. DeBlieux, MD, FACEP

Do your learners fall asleep or pull out their phones when you lecture? Do you struggle with how to effectively present your data? Do your slides need an extreme makeover? Do you want to make your lectures more interactive? Many educators struggle to provide high-quality, effective lectures. Their impact

can be limited by poor presentation style, distracting slide design, and lackluster delivery.

While drawing on available literature, this talk will explain and exemplify five key points for making lectures more interesting and keeping an audience's attention. Come learn the ABCs of resuscitating a boring lecture!

Engaging the Distracted Learner: Supercharge Your Teaching Skills

Thursday | 9:30-10 a.m.

Location: Room 156, BCEC

Faculty: Christina Shenvi, MD, PhD, FACEP

We all struggle with engaging learners who are busy, distracted or uninterested. Whether in a lecture or on-shift, you can improve your teaching using these three, practical, theory-grounded concepts. First, understand how adult learning theory informs how you should engage your learners. Don't expect them to be willing to learn something just because you say they should! You have to tune it into what they want to know. Second, don't overload their cognitive bandwidth. Cognitive load theory provides a framework for how to organize and present information that will make it easiest for the learners to process and remember. Third, cognitive apprenticeship provides practical ways you can meet the learner where they are and take them to their own next level.

Innovative Education Strategies in the Virtual World

Thursday | 12-12:30 p.m.

Location: Room 205, BCEC

Faculty: Danielle Miller, MD

In their daily practice, many providers teach residents and health professions students; however, few have received formal training in education. The recent pivot to virtual learning has made teaching even more challenging. During this course you will learn essential teaching techniques for today's learners, focusing on the virtual platform. Dr. Miller will discuss how to utilize technology, gamification, team based learning and novel virtual techniques to engage the current generation of learners.



ED Management and Leadership

Burned Beyond Recognition: Burnout's Cost & Its Solutions

Monday | 12:30-1 p.m.

Location: Room 258, BCEC

Faculty: Thom Mayer, MD, FACEP

Despite having the highest resiliency rates in the House of Medicine, emergency physicians also have the highest rates of burnout. What if half the people on your team providing care to your patients were burned out? That sad fact has become today's unsettling reality. No matter how you measure quality in your ED, all of those measures get dramatically worse with burnout. This presentation delineates the causes of burnout, as well as a detailed suite of solutions to combat it in your ED. This is not a "touchy-feely" approach but a highly pragmatic one, giving you solutions to put to work.

ED Leadership Changes: Thriving Through Change

Monday | 12:30-1:30 p.m.

Location: Room 153, BCEC

Faculty: Andrea L. Green, MD, FACEP

Has your hospital turned into one of revolving doors at the director, executive and/or administrative levels? Change is inevitable, but should the trajectory of ongoing departmental projects and initiatives be impacted due to leadership changes? Dr. Green will advise about strategies for leveraging you and your department's strengths in order to continue with goals.

What I Learned My First Year as a Director

Monday | 4:30-5 p.m.

Location: Room 107, BCEC

Faculty: Jenice Baker, MD, FACEP

Dead Tired: The Impact of Fatigue on Patient Safety & Physician Wellness

Tuesday | 9-9:30 a.m.

Location: Room 104, BCEC

Faculty: Torree M. McGowan, MD, FACEP

The unique challenges of staffing 24/7 operations like emergency departments create significant stress on physicians due to the effects of scheduling. This lecture will explore the impacts of acute and chronic fatigue on patient safety, as well

as examining the literature regarding overtime hours and the impact of overnight operations. Recommendations from other high-risk industries like nuclear power and aviation will be used to help craft a set of guidelines to guide safer emergency department operations.

The HR Nightmare: Managing Difficult Faculty

Tuesday | 9:30-10 a.m.

Location: Room 253, BCEC

Faculty: Thom Mayer, MD, FACEP

Does the old adage of 10% of your people take up 90% of your time apply to you? Leadership roles can be challenging and may not be exactly what you thought you were getting into when taking on the role. Leave this talk with tools to gain back some of your leadership time!

Top 5 Mistakes to Avoid as a Leader

Wednesday | 8-8:30 a.m.

Location: Room 258, BCEC

Faculty: John M. Bailitz, MD, FACEP

Learn from the mistakes of others. Avoid the pitfalls of those in leadership roles and take your role to a new level and learn how to mitigate any damage already done.

Moving From Post-COVID Organizational Unwellness to Wellness

Wednesday | 1:30-2:30 p.m.

Location: Room 253, BCEC

Faculty: Rita A. Manfredi-Shutler, MD, FACEP; Tracy G. Sanson, MD, FACEP

The coronavirus pandemic has moved us to a different place in the quest for emergency physician (EP) wellbeing. This pandemic has exposed the fragile infrastructure of what organizations are attempting to do to improve physician professional satisfaction and laid bare the presence of moral injury. Clearly, the organization and system determine the bulk of an EP's wellbeing. More yoga or meditation will not cure the moral injury that physicians experience every day. So, the antidote for our leaders at the national, institutional, and departmental level is to step in with system innovations which impact the EPs working in the trenches. Initiatives at both the work unit level and the administrative leadership levels—some successful and some not - will be discussed. The presentation will focus on knowledge and skills needed for innovative programmatic and organizational advances in wellbeing. The speakers will also identify exemplary interventions a department or organization can implement to promote longevity, increase professional satisfaction, and recruit and retain clinicians.



Building a Better Workplace: Creating Diversity & Inclusion in Your ED!

Wednesday | 1:30-2:30 p.m.

Location: Room 160, BCEC

Faculty: Vonzella A. Bryant, MD, FACEP; Nicole Franks, MD, FACEP; Bernard L. Lopez, MD, FACEP

Gender disparities are pervasive in medicine. The underpinnings of these disparities, how imperative equity is to the strength of our practice, and potential solutions will be discussed.

Moving From Unwellness to Wellness at the Organizational Level

Thursday | 8-8:30 a.m.

Location: Room 156, BCEC

Faculty: Rita A. Manfredi-Shutler, MD, FACEP

Since departmental and institutional wellness significantly impact individual wellness, discussion will center on knowledge and skills needed for programmatic and organizational improvements in wellness. Dr. Manfredi-Shutler will also identify outstanding interventions a department or organization should implement to promote longevity, increase satisfaction, and recruit and retain providers.



Innovation

There's an App for That! Phone Apps You Should Know About

Monday | 8:30-9 a.m.

Location: Room 160, BCEC

Faculty: Jason C. Wagner, MD, FACEP

Access to information on cell phones and other devices has exploded in the past decade and some applications are more useful than others. Dr. Wagner will review the most useful application for the busy practitioner in day-to-day practice, giving specific examples that are available at low or no cost.

Coming to a Shop Near You: The Latest & Greatest in ED Technology

Monday | 4:30-5:30 p.m.

Location: Room 205, BCEC

Faculty: Jason C. Wagner, MD, FACEP

Stay ahead of the game to learn new technology coming to an ED shop near you. This session will include rapid fire discussion of new tools and tech within emergency medicine, including topics such as airway, ultrasound, digital health, software, diagnostic and other equipment to modernize your practice and personal life.

The Dark Sides of Social Media: How to Deal With Trolling & Harassment

Wednesday | 9-9:30 a.m.

Location: Room 156, BCEC

Faculty: Nikita Joshi, MD

Social media is an integral part of our lives as physicians. It is an outlet for connection and learning, but there are downsides. What if you are a victim of harassment, bullying, gaslighting or trolling? Come to this lecture to learn more about the downsides of social media, how to protect yourself and what to do if you are a victim.

Professional and Life Skills

How to Make Money & Grow Your Wealth

Monday | 8-8:30 a.m.

Location: Room 205, BCEC

Faculty: James M. Dahle, MD, FACEP

Discover the secrets to a satisfying and successful career in a casual environment during this all new ACEP Connect session. Dr. Dahle will introduce some key actions to ensure financial security by developing healthy spending habits, understanding return on investment and choosing the right job for you.

Top 5 Habits of Highly Successful Emergency Physicians

Monday | 8:30-9 a.m.

Location: Room 254, BCEC

Faculty: Ugo A. Ezenkwele, MD, FACEP

Why do some emergency physicians seem to be able to have tremendous success in their careers while maintaining a vibrant work-life balance, while others struggle to make it through their next shift? Do you feel like you are stuck in a rut? Dr. Ezenkwele will present the top 5 habits of highly successful emergency physicians and show how you can achieve this type of success in your own life. Stop feeling like a hamster running on wheel and going nowhere fast. This talk will give you ideas to help you take control of your life!

Antiracism: From Awareness to Action (Nancy J. Auer Lecture)

Monday | 1:30-2:30 p.m.

Location: Room 210, BCEC

Faculty: Vonzella A. Bryant, MD, FACEP

There has been much discussion about confronting racism at a systemic level but there is also much work to do on a personal level as well. Many of us are slowly learning to evaluate our own biases, histories, and everyday actions in a new light. Dr. Bryant will help learners better understand what anti-racism means and how to demonstrate it in practice. Dr. Bryant will outline clear, actionable steps to create change, not only at the administrative and leadership levels, but also in the behavior and mindset of colleagues. In addition, Dr. Bryant will provide resources for those wanting to educate themselves, their children, their friends and colleagues.

From Rags to Riches: Personal Finance for the Early Career EP

Monday | 3:30-4:30 p.m.

Location: Room 107, BCEC

Faculty: James M. Dahle, MD, FACEP

That first paycheck you receive as an attending is a big change of living cheaply throughout your education. Developing good financial habits from day one as an attending is a necessity. Dr. Dahle will discuss the need-to-know core basics of investing, personal finance, asset protection, and retirement planning. This course is geared toward the recent graduate with a special focus on implementing good habits in personal finance.

Is There Life Outside of Clinical Medicine?

Tuesday | 9-10 a.m.

Location: Room 160, BCEC

Faculty: Rachel E. Garvin, MD

Who doesn't love a good intubation or resuscitation? That being said, why would any emergency physician think about a non-clinical career? In addition to the looming question on EM physician oversupply, non-clinical careers for EM physicians are often a hush-hush topic. Listen to the journey of an EM physician who made that jump. This session will explore the types of non-clinical careers available to EM physicians, providing insight on rewarding ways you can help patients without necessarily being at the bedside.

Diversity, Equity & Inclusion: The Patient, Trainee & Leadership Perspective

Tuesday | 12:30-1 p.m.

Location: Room 107, BCEC

Faculty: Andrea L. Green, MD, FACEP

Discussion about diversity in emergency medicine has been happening for years. What progress have we made? What improvements in outcomes does it bring? What techniques can improve diversity of EM physicians at your workplace? Come hear the answers to these vitally important questions to help our workforce better represent our patient populations.

Tools for Combating Burnout: Using Mindfulness to Your Advantage Workshop

Tuesday | 12:30-1:30 p.m.

Location: Room 254, BCEC

Faculty: Vidor E. Friedman, MD, FACEP

Mindfulness is the ability to be present, aware of where we are and what we're doing and not be overwhelmed by what's going on around us. Attendees will participate in a group mindfulness exercise and identify practical ways to implement this restorative exercise in their daily routine.

Emotional Intelligence & Mindful Listening

Tuesday | 12:30-1:30 p.m.

Location: Room 104, BCEC

Faculty: Jay A. Kaplan, MD, FACEP

Emotional intelligence (EI) has been touted as a more powerful determinant of good leadership than technical competence, IQ or vision; and it's composed of skills we can all learn and improve on. Dr. Kaplan will provide practical advice and tips to help you determine your EI strengths and weaknesses; deal with difficult people and demonstrate EI in the workplace. In addition, Dr. Kaplan will discuss how mindful listening keeps team members more engaged, fosters new ideas and allows others to learn and grow.

Medical Errors: Prevention & Disclosure

Tuesday | 4-4:30 p.m.

Location: Room 156, BCEC

Faculty: Catherine A. Marco, MD, FACEP

Medical errors are considered a nearly inevitable issue in clinical practice. How common are medical errors? Should they be disclosed to patients and families? What are the best risk management strategies to address medical errors? These and other issues will be addressed in this session.

Locums: Where Are We Now?

Tuesday | 4:30-5:30 p.m.

Location: Room 253, BCEC

Faculty: Tracy G. Sanson, MD, FACEP

Travel, flexibility and amazing income. Is locums work really an option for employment? Explore the history of locums work and get a glimpse into the future of EM practice. Attend this session to demystify the ads and learn if a career in locums is right for you.

Divorce, Depression & Loss: How to Keep Going When It All Falls Apart

Wednesday | 9-10 a.m.

Location: Room 254, BCEC

Faculty: Arlene Chung, MD, FACEP

Life can throw a lot at you, including abusive relationships, major illness and competing family and professional needs. Dr. Chung will discuss personal illustrations and lessons learned.



Putting Zip in Your ZOOM

Wednesday | 9:30-10 a.m.

Location: Room 153, BCEC

Faculty: Christian Rose, MD

Remote meetings and teaching have become a new normal fostered by the pandemic. Dr. Rose will discuss novel tips and techniques designed to hold the audience's attention for an engaging, virtual presentation. Discover settings and tricks to sound, look and share better on the virtual platform. From breakout sessions to annotation tools to sticky notes to active polling, learn how to run meetings, teach and communicate more effectively in the virtual setting.

Beyond UpToDate: Calm the Chaos of Continuing Education

Wednesday | 10-10:30 a.m.

Location: Room 104, BCEC

Faculty: Salil K. Bhandari, MD

Too much information, too little time. Podcasts, vodcasts, websites, blogs ... oh my! How do you access information to maintain skills? During residency, there is a wealth of organized resources and educational content, but what about life after residency? There is a barrage of available resources, but how do we weed through the noise to keep up with the most current practices? What are the most effective resources to

access at the bedside? Or in between shifts? What if you need refreshers on pediatric emergency medicine or critical care skills? Dr. Bhandari will provide high-yield resources both online and offline for the experienced clinician seeking continuing resources at the bedside and beyond.

Ask the Experts: Ethical Dilemmas & Tough Decisions in the ED

Wednesday | 10-11 a.m.

Location: Room 210, BCEC

Faculty: Vonzella A. Bryant, MD, FACEP; Vidor E. Friedman, MD, FACEP; Catherine A. Marco, MD, FACEP

In this interactive panel discussion, attendees have the opportunity to present challenging cases that pose ethical, legal or moral dilemmas in emergency medicine. Potential discussion cases include refusal of care, end of life decisions, care of minors, narcotic prescribing, mental health and allocation of resources.

Physician Do No Harm: A Comprehensive Look at Physician Suicide Workshop

Wednesday | 10-11 a.m.

Location: Room 254, BCEC

Faculty: Christopher I. Doty, MD, FACEP

Physicians in the U.S. have the highest suicide rate of any profession and one which more than doubles that of the general population. The suicide rate of male physicians is 40% higher than men in general, and in women is 130% higher than that of females in the general population. Data from the Center for Disease Control's National Violent Death Reporting System shows that compared to the general population, physicians are three times more likely to have job problems identified as a factor contributing to suicide, including tensions with a co-worker, poor performance reviews, increased pressure at work or fear of being laid off. Of concern, suicide is a leading cause of death among physicians-in-training. There is an epidemic of physician suicide—a public health crisis with 1 million Americans losing their doctors to suicide each year. This will be a one-hour session in small, facilitated groups in order to open a dialogue about this taboo topic, allowing attendees to share their own experiences while also searching for solutions to this epidemic of depression, burnout and suicide in the medical community.

But I Didn't Say Anything: Effective Skills for Non-verbal Communication

Wednesday | 12:30-1 p.m.

Location: Room 104, BCEC

Faculty: Robert W. Strauss, Jr., MD, FACEP

We all know that when we interact with others, the majority of our communication comes through as non-verbal. Come learn the tricks to effective non-verbal communication and improve your relationships with patients, colleagues and even family and friends.

How to Succeed in Your First Five Years of Practice

Wednesday | 5-5:30 p.m.

Location: Room 104, BCEC

Faculty: Abdulkareem Agunbiade, MD

Get the top 10 concrete practical tips for residents and newly minted attendings in just 30 minutes. This is a high-yield, energetic presentation mixing wisdom, wit and personal experiences to help make you successful!

Dealing With (Anonymous) Criticism

Thursday | 8-8:30 a.m.

Location: Room 253, BCEC

Faculty: Robert W. Strauss Jr., MD, FACEP

Clinicians can be the recipient of complaints either from colleagues, team members or patients. Anonymous reporting is increasingly being utilized to identify bad behaviors, but what if you feel you were unfairly targeted? How do we deal with the emotional burden of negative comments and how do we transform our thought process from natural reaction into positive actions? Dr. Strauss will address mechanisms for self-assessment, behavior correction and navigating a difficult work environment. In addition, Dr. Strauss will discuss the art of listening to hear what you need to hear, not just what you expect to hear during those difficult conversations.

Winner, Winner, Chicken Dinner: Negotiation Skills for Win-Win Outcomes

Thursday | 11-12 p.m.

Location: Room 253, BCEC

Faculty: Robert W. Strauss, Jr., MD, FACEP

What do looking for your first job, buying a new house, and discussing the upcoming contract for your large group have in common? They all require negotiating skill. Having the requisite knowledge can markedly improve outcomes for all parties involved. Come hear the expert teach the foundation of understanding the negotiating process and share tips to becoming the best negotiator you can be.

What's Next: 5 Strategies for Reinventing Your Career in Uncertain Times

Thursday | 4:30-5:30 p.m.

Location: Room 160, BCEC

Faculty: Jay A. Kaplan, MD, FACEP

We often discuss the concept of burnout within the ever-changing landscape of emergency medicine, including decreased reimbursement, physician compensation and job opportunities, as well as increased requirements, regulations and litigation potential. In this maelstrom, many EPs may look toward non-traditional paths to supplement or supplant their careers. Should you obtain a new degree or certification? What administrative roles are available? What do you need to know about developing new products? What other jobs can best utilize the unique skillset we provide while maintaining job satisfaction? Dr. Kaplan will explore options for EPs wishing to transition into non-traditional work settings and channel their passion and hobbies into career success.



Risk Management and ED Law

Liability Concerns & Controversies Working with Non-Physician Providers

Monday | 8:30-9 a.m.

Location: Room 153, BCEC

Faculty: Kurtis A. Mayz, JD, MD, MBA, FACEP

Non-physician provider supervision and incurred liability is a frequent concern expressed by ACEP physicians. Dr. Mayz will address NPP training, supervising physician liability and independent practice.

National Practitioner Data Bank: Opening Pandora's Box

Monday | 8:30-9 a.m.

Location: Room 156, BCEC

Faculty: Diana Nordlund, DO, JD, FACEP

Events reported to the NPDB affect all future licensing and credentialing. What events are reported? Is your report accurate or can it be corrected? What actions can be taken to avoid reporting or craft mutually agreed upon the language to mitigate future professional damage?

Top 5 Legal Risks in Five Minutes or Less**Tuesday | 8:30-9 a.m.****Location: Room 156, BCEC****Faculty: Kurtis A. Mayz, JD, MD, MBA, FACEP**

Emergency medicine is a high-risk specialty. Recognizing these five predictable sources of medical malpractice claims and lawsuits in addition to cultivating practice and documentation strategies reduces the risk of becoming a defendant!

GOTCHA! The Medical Chart: Anticipating the Lawyer's Review**Tuesday | 12:30-1:30 p.m.****Location: Room 153, BCEC****Faculty: Diana Nordlund, DO, JD, FACEP**

During this interactive course, the speaker will review emergency medicine charts and discuss how wording factors into lawsuits. You will learn how specific charting can help avoid getting sued and/or win the case if there is litigation.

Practice to Penitentiary: Criminal Liability in EM Practice**Tuesday | 1:30-2:30 p.m.****Location: Room 160, BCEC****Faculty: Jennifer Stankus, MD, JD**

Clinicians are coming under increasing threats of criminal reproductions for their actions in the care of their patients. A case-based exploration of current issues in criminal liability in opiate prescribing, liability for assault in the care of psychiatric patients, & negligent homicide in the place of medical malpractice.

Informed Consent: Sign Here ... See You in Court**Wednesday | 8-8:30 a.m.****Location: Room 153, BCEC****Faculty: Rachel A. Lindor, MD, JD**

With the continued rise of patient autonomy comes increasing risk to EPs of dual-pronged lawsuits alleging medical malpractice AND lack of informed consent. Dr. Lindor will use cases to illustrate numerous barriers to the informed consent process in emergency department patients. Who can provide consent? Is a written form required? Is the physician obligated to discuss his/her competence? When isn't informed consent required? How do courts evaluate claims of inadequate informed consent?

Contract Nightmares: Due Process, Indemnification Clauses & Non-Competes**Wednesday | 12:30-1 p.m.****Location: Room 160, BCEC****Faculty: Terry Kowalenko, MD, FACEP**

Every major EM organization signed a letter to CMS demanding physician due process rights. Does your current contract force you to waive your due process rights? Did you agree to provide reimbursement to your employer whose negligence may have contributed to your patient's injuries by signing an indemnification clause? Can you work for the across town competitor ED or are you bound by a non-compete clause?

Crisis Standard of Care: Ethical & Legal Implications of COVID Crisis Care**Wednesday | 1:30-2:30 p.m.****Location: Room 258, BCEC****Faculty: Catherine Marco, MD, FACEP; Nathan Schlicher, MD, JD**

During the COVID pandemic, the commitment of the physician to the individual patient is counterbalanced by the need to protect the welfare of a population of patients. Join a bioethicist and an MD/JD to explore the ethical principles that guide development of the COVID crisis standard of care and resultant legal risk ramifications.

Become a Star at Your Deposition: An Insider's Guide**Thursday | 8-9 a.m.****Location: Room 107, BCEC****Faculty: Nathan Schlicher, MD, JD**

Experienced emergency physician and attorney will present a medical case for the audience to manage, leading to a charge of malpractice and a voluntary participant will be deposed. Key pitfalls and pearls of depositions will be demonstrated and discussed.

High-Risk Cases in EM**Thursday | 11 a.m.-12 p.m.****Location: Room 258, BCEC****Faculty: Rachel A. Lindor, MD, JD**

Emergency medicine is a high-risk specialty. Certain clinical entities, however, are predictable sources of bad outcomes & associated medical malpractice claims & lawsuits. Dr. Lindor will review common areas associated with risk in EM, reviewing the pitfalls of misdiagnosis and strategies to reduce risk to the patient and the provider. Medical malpractice cases will be utilized to illustrate key concepts.



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A

AAEM Physician Group **2514**
 555 E. Wells St., Suite 1100
 Milwaukee, WI 53202
 p 800-884-2236
 w aaemphysiciangroup.com

AB Staffing Solutions **2513**
 3451 S. Mercy Road, Suite 102
 Gilbert, AZ 85297
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p 408-541-4191

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C-D

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United States

p 513-543-6440

w comp-med.com



CompMed is a national medical billing and practice management company for Emergency room departments. With over 25 years of experience, our new clients

consistently realize revenue growth of 10%-20% percent annually with our utilization of technology and focus on details. Services include custom reporting, automated credentialing, 100% documentation feedback by patient, web-based access to management reports, complete visibility in all transactions, access to our billing system.

Concord Medical Group**2326**

1602 Ave. Q
Lubbock, TX 79401
United States

p 469-322-1483

w concordmedicalgroup.com

ConsensioHealth LLC**2302**

10625 W. N. Ave., Suite 101
Wauwatosa, WI 53226

United States

p 414-877-5351

w consensiohealth.com

ConsensioHealth is physician-owned and operated firm dedicated to supporting Independent emergency medicine and urgent care providers with revenue cycle and practice solutions, powered by data-driven analytics. Founded and operated by practicing ED and urgent care physicians, ConsensioHealth offers solutions including: full business office management, medical coding and billing, A/R management, insurance contracting, contract analysis, credentialing, coding auditing and physician education.

Core Clinical Partners**1911**

3330 Cumberland Blvd., Suite 500
Atlanta, GA 30339

United States

p 678-596-9038

w coreclinicalpartners.com



Core Clinical Partners is a physician management company that aligns our hospitals and our clinicians so that goals can be met collaboratively. We feel that the key

to success is physician engagement and have created innovative models with each of our partner facilities to accomplish this goal. Our team is laser focused on operational excellence and has decades of experience to solve issues as they arise in ED's of all sizes. We are also physician owned with no private equity involvement.

CorroHealth (formerly the T-System)**2332**

6509 Windcrest Drive, Suite 165
Plano, TX 75024

United States

p 417-389-0391

w corrohealth.com

T-System is a healthcare IT company that advances care delivery and financial outcomes for emergency medicine. Offering clinically driven services and documentation solutions as well as charge capture and coding solutions, T-System serves 40% of the nation's hospital-based emergency departments, freestanding emergency centers and urgent care centers.

Cyclic Vomiting Syndrome Association**2504**

P.O. Box 270341

Milwaukee, WI 53227

United States

p 414-342-7880

Established in 1993, the Cyclic Vomiting Syndrome Association (CVSA) serves the needs of cyclic vomiting syndrome (CVS) sufferers, their families and professional care givers by raising awareness and providing education and support to those affected by cyclic vomiting, abdominal migraine and related disorders, while advocating for and funding research.

Cytovale**2002**

150 Executive Park Blvd., #4100
San Francisco, CA 94134

United States

p 415-786-6236

w cytovale.com

D

d2i - DATA to INTELLIGENCE**2316**

P.O. Box 47

Parsippany, NJ 07054

United States

p 973-650-4693

w embiondemand.com

d2i is the only business intelligence solution provider focused exclusively on the ED. We appreciate what it takes to manage one of the most complex environments in healthcare. We've worked in EDs and with ED physicians and administrators for close to two decades. We use that experience every day to make sure our solutions provide you what you need to manage your ED—timely and actionable information. If you are frustrated because you can't get data or trust the data you get, d2i can help you.

D-E

Department of Veterans Affairs 1806

1250 Poydras St., Suite 1000
New Orleans, LA 70113
United States

p 504-605-7618

w vacareers.va.gov



Department of Veterans Affairs (VA) is the nation's largest integrated healthcare system, providing comprehensive patient care to Veterans and their families. At the

same time, we offer career opportunities to a wide range of professionals—from physicians, mental health practitioners, nurses and pharmacists, to people in IT, administration and other non-clinical areas.

Designs for Vision, Inc. 2413

4000 Veterans Memorial Hwy.
Bohemia, NY 11716

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p 631-585-3300

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United States

p 720-839-8432

w dispatchhealth.com

DispatchHealth is redefining healthcare delivery through mobile and virtual healthcare. DispatchHealth is creating an integrated, convenient, high-touch care-delivery solution that extends the capabilities of the patient's care team and ensures that we provide personalized, quality care in the home or at the patient's location of need. Our skilled, certified providers arrive onsite with the expertise and tools necessary to administer advanced medical care, supported by our technology platform.

DynaMed/EBSCO 2704

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Ipswich, MA 01938
United States

p 978-356-6500

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E

EchoNou Inc. 1906

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p 206-445-9125

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Edelberg & Associates 2125

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United States

p 225-229-0853

w edelbergcodes.com

With more than 35 years of experience in the medical coding industry, E+A has coded millions of claims for thousands of emergency departments and hospitalists. At E+A, we are committed to ensuring our people, our processes and proprietary CLEAR coding platform deliver an end-to-end solution to surpass your coding needs. For this reason, E+A invests heavily in our employees, proprietary coding processes and revolutionary technology to assure your coding is accurate and timely.

Elsevier 1914

1600 JFK Blvd., Suite 1800
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United States

p 215-239-3900

w us.elsevierhealth.com

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health and technology professionals, empowering them to make better decisions, and deliver better care.

EM Coach 2003

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United States

p 956-655-3911

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Emergency Care Partners 2830

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Pensacola, FL 32502

United States

p 850-390-2081

w pephealth.net



If you are interested in a career opportunity with a growing group that combines clinical expertise, solid financial backing, and business acumen—consider

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Emergency Care Specialists 2800

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Kentwood, MI 49546

United States

p 616-988-8220

w ecs-wmi.com



ECS, an independent and physician-owned practice for 35 years, is dedicated to expanding the boundaries of acute unscheduled care to meet the

continual changes in healthcare. Our core values of quality, value, education and an ownership mentality set ECS apart from other EM service providers. With emergency specialists in academia, pediatrics, toxicology, observation, ultrasound, sedation and addiction medicine, our abilities and opportunities are as singular and specific as our physicians.

Emergency Department Practice Management Association (EDPMA) 2303

7918 Jones Branch Drive, Suite 300
McLean, VA 22102

United States

p 703-506-7675

w edpma.org

The Emergency Department Practice Management Association (EDPMA) is the national trade association supporting the delivery of emergency medical care to all Americans. Members deliver or support healthcare for over half of the 136 million ED patient visits each year. Members include physician groups, billing and coding companies and others who support healthcare provided in the ED. We provide advocacy and educational resources to ED physician groups and their practice partners.

Emergency Medicine News—Wolters Kluwer 2217

Two Commerce Square, 2001 Market St.
Philadelphia, PA 19103

United States

p 215-521-8300

w lww.com

Emergency Medicine News provides trusted clinical technology and evidence-based solutions that engage clinicians, patients, researchers, students and the next generation of healthcare providers. Our leading brands include Audio Digest®, Lippincott®, Ovid®, Audio Digest® and Emergency Medicine News, which is EM's most trusted news source, covering trends that matter most to EPs. It's also the place you'll find EM's most respected authors, who have made it the No. 1 publication in EM for 27 years.

EmOpti, Inc. 2404

250 N. Sunnyslope Road, Suite 245
Brookfield, WI 53005

United States

w emopti.com

EmOpti technology enables emergency providers to deploy new care models based on a combination of virtual remote resources and on-site staff to speed patient flow. EmOpti software orchestrates the process with unique routing and queuing features. The results are a win for providers, whose productivity is markedly improved, a win for patients who see waiting times dramatically reduced and a win for hospital operators who see both increased revenue and decreased costs.

EMPros 2324

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We provide direct access to permanent job opportunities with independent emergency medicine groups in metropolitan, suburban and rural locations multiple states

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Envision Physician Services 2400

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Dallas, TX 75240

United States

p 214-712-2000

w envisionphysicianservices.com



Envision Physician Services is America's leading medical group providing anesthesiology, emergency medicine, hospital medicine, radiology, surgical

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EPOWERdoc, Inc. 2630

P.O. Box 88218

Atlanta, GA 30356

United States

p 440-963-0478

w epowerdoc.com

EPOWERdoc is a leading provider of emergency department information systems (EDIS) and telemedicine platforms. EPOWERdoc's EMRDoc is a revolutionary EDIS that incorporates features so unique it is the only EDIS with a U.S. patent on its design and is specifically designed around ED physicians and clinicians workflow. EMRDoc is the fastest and easiest EDIS product on the market today. The new VitalTelemed Telemedicine Module is the only telemedicine EHR available and provides a complete platform.

F-G

F

Financial Designs, Inc. 2100

11225 College Blvd., Suite 300
Overland Park, KS 66210
United States
p 913-451-4747

w financialdesignsinc.com

Financial Designs, Inc. (FDI) is a financial consulting and services firm committed to the development of custom-designed financial strategies for emergency physicians. FDI assists emergency physicians throughout the nation. The firm's services include retirement, investment, insurance, tax planning and asset protection.

FirstNet Built with AT&T 2806

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Dallas, TX 75202
United States
p 865-438-8116

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FirstNet, Built with AT&T, is the only network built with and for first responders – and those who support their vital efforts. We are accountable to keeping your lines of communication open with dedicated mission critical solutions that will modernize public safety.

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United States

p 425-951-1200

w sonosite.com

FUJIFILM Sonosite, Inc., the world leader in bedside and point-of-care ultrasound (POCUS), delivers solutions that meet the imaging needs of the medical community. With headquarters near Seattle, the company is represented by a global distribution network in over 100 countries. As a recognized market leader, Sonosite continues to earn worldwide recognition for its innovative product line, educational programs and advocacy for a broader understanding of ultrasound's many benefits.

G

GD (General Devices) 2524

1000 River St.
Ridgefield, NJ 07657
United States

p 201-313-7075

w general-devices.com

GD is a NJ-based med tech company specializing in mobile telemedicine and telehealth solutions that help EMS and fire first responders, hospitals, and communities and regions deliver smarter, expedient patient care. Powered by responsive innovation, GD's user-friendly solutions facilitate secure, mobile communications and rapid data sharing across acute and non-acute care teams to help save time, money and lives.

GE Healthcare 2013

500 W. Monroe St.
Chicago, IL 60661
United States

p 312-405-5686

w gehealthcare.com

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare. From medical imaging, software and IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement, GE Healthcare helps medical professionals focus on delivering better outcomes.

Genentech 2030

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United States

p 650-225-1654

w gene.com

For more than 40 years, we've been following the science, seeking solutions to unmet medical needs. As a proud member of the Roche Group, we make medicines to treat patients with serious medical conditions. Our headquarters are in South San Francisco, California.

Genetesis 1807

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United States

p 513-309-1440

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Genetesis, Inc. is a medical imaging company focused on redefining the way myocardial ischemia and coronary artery disease are detected. By combining CardioFlux, our noninvasive biomagnetic imaging technology, with our proprietary cloud-based web services and machine-learning capabilities, we seek to become the standard of care for diagnosis of cardiovascular disease in the outpatient and acute care settings. For more information, visit our website.

GlaxoSmithKline 3122

5 Moore Drive
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United States

p 404-921-5182

w gsk.com

Gryphon Healthcare 2010

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G-H

Gulfcoast Ultrasound Institute 2900

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United States
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w gcus.com

Gulfcoast Ultrasound Institute is the gold standard when it comes to ultrasound education. More than 160,000 medical professionals have received education through Gulfcoast Ultrasound's seminars, products, and online education since 1985. GUI's participant-to-instructor ratio is the lowest in the industry at 3:1. Customized onsite training and live ultrasound webinars are also available. 727.363.4500
l www.gcus.com

Guthrie Clinic 3109

1 Guthrie Square
Sayre, PA 18840
United States
p 570-887-6497
w ichoseguthrie.org



Guthrie, founded in 1910, provides comprehensive team-based care to patients from an 11-county service area. Guthrie Clinic is comprised of four hospitals, 500 physicians and

advanced practice providers in a regional office network made up of 45 subspecialty and primary care sites in 21 communities. In addition, we offer a wide range of services and programs, including home health and home care services, GME and a research institute.

H

HealthChannels 2006

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With thousands of providers turning to HealthChannels for innovative solutions, our team of healthcare experts has earned a reputation for excellence. Through a winning combination of data-driven analytics and advanced ideation, backed by over 15 years of experience, we've garnered millions of patient encounters.

HealthTalk A.I. 2004

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United States
p 404-819-4589
w healthtalkai.com

HealthTalk A.I. helps Emergency Medicine Groups improve provider and practice performance, as well as scale follow-up care. Through A.I. assisted patient engagement, we give ED practices the ability to collect immediate and actionable feedback and intervene with at-risk patients via clinician callbacks and/or ED telehealth visits.

Hillrom 1727

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United States
p 800-535-6663
w hillrom.com

Hillrom has a single purpose: enhancing outcomes for patients and their caregivers by advancing connected care. The Welch Allyn® RetinaVue® care delivery model by Hillrom is a simple, affordable, patient-centered solution to help improve diabetic retinal exam compliance in primary care. Accurate documentation of chronic conditions, such as diabetic retinopathy helps inform care planning, care delivery, appropriate coverage and quality performance. Visit retinavue.com for more.

Hippo Education 3113

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Hippo Education is a crack team of educators and creative thinkers on a mission to radically change medical education. We create innovative and entertaining education of unsurpassed quality.

Huddy ED Design 2102

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Huntsville Hospital Health System 2421

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p 256-265-9639
w huntsvillehospital.org



Huntsville Hospital seeks emergency medicine physicians to join our current staff of 40+ physicians. Huntsville is situated in the fastest-growing major

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Hyperfine Portable MRI 2809

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At Hyperfine, we build MRI without boundaries by solving problems no one else can to provide life-saving answers whenever, wherever and for everyone.

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I-J

I

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Inari Medical 1920

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United States
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w inflammatrix.com

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United States
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Intelligent Ultrasound North America 2526

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United States
p 770-777-8211
w intelligentultrasoundsimulation.com

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Intersurgical Inc. 1704

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Iris Telehealth 1904

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United States
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Iris Telehealth is a telepsychiatry provider organization made up of the highest quality psychiatrists and psychiatric nurse practitioners. Our mission is to provide underserved communities with access to the best mental health specialists and prescribers. We are owned and operated by doctors who understand what patients need and have earned a reputation for providing outstanding customer service. Iris values building strong professional relationships with our partners and their staff.

J

Janssen Pharmaceuticals, Inc. 1613

1125 Trenton-Harbourton Road
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United States
p 724-742-5138
w janssenpharmaceuticalsinc.com

Janssen Pharmaceuticals, Inc., a pharmaceutical company of Johnson & Johnson, aims to create a world without disease. We bring together the best minds and pursue the most promising science in areas of critical need. We collaborate with the world for the health of everyone in it. Learn more at janssen.com.

K

Kedrion Biopharma Inc. 2631

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Fort Lee, NJ 07024
United States

p 201-470-0918

w kedrion.us

Kedrion Biopharma is a leading international biopharmaceutical company that specializes in the development, production, and distribution of plasma-derived therapeutic products for use in treating serious diseases, disorders, and conditions such as immune system deficiencies and coagulation disorders.

Keystone Healthcare Management 2103

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United States

p 901-795-3600

w keystonehealthcare.com



Keystone Healthcare Partners specializes in physician staffing and management services for hospitalist and emergency departments. Keystone offers a

unique experience for physicians who enjoy a flexible, personalized work environment. Keystone's experienced team of professionals respects ED and hospitalist physicians and is dedicated to putting physicians first.

Kirk & Associates, LLC 1804

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w kirkassoc.com

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KitoTech Medical 2216

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United States

p 206-395-8920

w kitotechmedical.com

microMend is a novel proprietary device used to close skin wounds, such as surgical incisions and lacerations. The market opportunity for microMend extends across a broad range of medical specialties, including surgery and emergency medicine.

KPG Provider Services 1913

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United States

p 725-214-2278

w kpgproviders.com



KPG's consultants are dedicated to locating the best providers your state has to offer and are committed to partnering with the top hiring organizations in

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L

Landmark Health 3022

7755 Center Ave., Suite 630
Huntington Beach, CA 92647

United States

p 714-808-7768

w landmarkhealth.org

Lexx Healthcare 2138

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Coral Springs, FL 33071

United States

p 754-529-8504

w lexxhealth.com



Lexx Healthcare is a boutique healthcare staffing agency. Our services begin with an honest passion for people. Providers and clients seeking a personalized

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LocumTenens.com 2817

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Alpharetta, GA 30009

United States

p 678-690-7557

w locumtenens.com



LocumTenens.com is your full-service locum tenens agency. Whether you're looking for a great locums job or a great clinician, our tenured agents possess the

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LogixHealth 2409

8 Oak Park Drive
Bedford, MA 01730

United States

p 781-280-1736

w logixhealth.com

LogixHealth has over two decades of experience providing full-service coding, billing and revenue cycle solutions for emergency departments, hospitals and physician practices for millions of ED visits annually. LogixHealth provides unsurpassed software-enabled revenue cycle management services, offering a complete range of solutions, from coding to claims management to providing the latest business intelligence reporting dashboards for clients in over 40 states.

LumiraDx 2600

w lumiradx.com

LumiraDx is transforming community-based healthcare by providing fast, accurate and comprehensive diagnostic information at the point of need, enabling better medical decisions and improved outcomes at a lower cost. The LumiraDx Platform is designed to perform a broad menu of tests and deliver lab-comparable performance with results within 12 minutes. For more information, please visit our website.

M

M

Mar-Med 2101

333 Fuller Ave. NE
Grand Rapids, MI 49503
United States
p 614-454-3000
w marmedco.com

Mar-Med is a family-owned device manufacturer in Grand Rapids, MI. Over 30 years ago, we invented the Tourni-Cot product, a simple yet safe and effective digit tourniquet. Now we introduce 3 new products, including: Balloon Extractor - a nasal extractor for foreign bodies Uni-Cot - a next generation, one size fits all version of the original Tourni-Cot Derma-Stent - a cutaneous abscess treatment device based on new minimally invasive techniques Stop by our booth to receive samples of each!

Medicus Healthcare Solutions 2921

22 Roulston Road
Windham, NH 03087
United States
p 603-212-9839
w medicushcs.com



Medicus Healthcare Solutions has been partnering with top talent in the healthcare industry since 2004. Meet our professional advisors and learn about navigating

the job market, effectively negotiating compensation, obtaining new state licenses and the credentialing process. Our team will work with you to find the best opportunity that fits your profile as well as your professional goals, needs and lifestyle preferences.

Mediserv Medical Information Services, Ltd. 2227

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United States
p 817-247-4948
w mediservltd.com

Mediserv provides billing, coding and reimbursement services for emergency physicians across the country. It is a company dedicated to providing the most reliable, client-focused service in the industry. Owned and operated by CPAs with over 30 years of healthcare, accounting and tax experience, Mediserv has the stability and capability to maximize your cash flow potential. To learn more about Mediserv, please contact Clark Kemble.

Mednition Inc. 3110

1400 Marsten Road, Suite A
Burlingame, CA 94010
United States
p 212-365-4150
w mednition.com

Mednition makes machine learning powered healthcare solutions designed for clinicians by clinicians. Its flagship, KATE, is a clinical decision support solution for ED nurses now being used across seven emergency departments. The company is funded by private investors and healthcare financial institutions, including Concord Health Partners. The company is based in San Mateo, California.

Medstaff National Medical Staffing 2826

15200 Weston Pkwy., Suite 104
Cary, NC 27513
United States
p 919-655-1304
w medstaffit.com



At Medstaff, we focus on meeting the demands of physicians in all specialties, an approach that allows us to fulfill the requirements of providers and clients nationwide.

And while our diversification acquired over the years now extends to the permanent recruitment needs of our clients, our experience in locum tenens continues to be at the core of our highly adaptive business.

Melinta Therapeutics 2519

44 Whippany Road, Suite 280
Morristown, NJ 07960
United States
w melinta.com

Melinta Therapeutics, Inc. (NASDAQ: MLNT) is a commercial-stage pharmaceutical company dedicated to meeting the continually evolving threat of bacterial infections by discovering, developing and commercializing a continual stream of novel antibiotics to provide new therapeutic options.

MeMed Diagnostics 2801

p 972-4-8500302
w me-med.com

At MeMed, a leader in host response technologies, we decode the body's complex signals into simple insights that improve people's lives. By leveraging our expertise in host-response profiling and machine-learning algorithms, we are creating a portfolio of tests that address tough clinical dilemmas. We have developed a point-of-need, rapid measurement platform called MeMed Key® to ensure timely availability of these novel tests during the clinician's decision-making workflow

Memorial Hermann Health System 2025

909 Frostwood Drive, Suite 1.100
Houston, TX 77024
United States
p 713-927-2626
w memorialhermann.org

MicroVapor Devices, LLC 2325

151 Powell Road, Suite BA 112
Columbia, SC 29203
United States
p 803-447-9408

w microvapordevices.com

MicroVapor Devices the manufacture of the Pocket Neb, Vibrating Mesh Nebulizer, introduces the X-HALE filtered aerosol mask adding to aerosol delivery protection protocols. Specifications • Soft polyvinyl material allowing for a form fit on the face • Adjustable ear straps • Meets ASTM F3502-21 Level 2 standard for face mask filtration • Eight filtered exhalation ports for ease of inhalation and exhalation • Designed for vertical delivery nebulizers and the Pocket Neb VMN nebulizer • Latex free

Mindray 1609

800 MacArthur Blvd.
Mahwah, NJ 07430
United States
p 201-995-8000
w na.mindray.com

Mindray is a leading global developer, manufacturer and supplier of medical solutions on a mission to advance medical technologies to make healthcare more accessible. Our comprehensive ultrasound, patient monitoring and anesthesia delivery solutions provide leading-edge technology that meets the diverse demands of your department. Together, we are creating a higher standard for healthcare.

M-N

Minerva Medical Simulation Inc. 2924

5 Driscoll Ave.
 Maynard, MA 01754
 United States
 p 617-909-1893
 w full-code.com

Money Script Wealth Management LLC 2124

1 World Trade Center, Floor 8
 Long Beach, CA 90831
 United States
 p 310-462-3550

w moneyscriptwealth.com

At Money Script Wealth Management our philosophy is to educate you on basic financial principles and empower you to write your personal Money Script! We want to help you improve your financial future.

MorTan, Inc. - The Morgan Lens 2127

329 E. Pine St. P.O. Box 8719
 Missoula, MT 59807
 United States
 p 406-728-2522
 w morganlens.com

The Morgan Lens, the most effective, comfortable, easy-to-use hands-free eye irrigation system. Quickly treating ocular chemical burns, removing non-embedded foreign bodies and delivering medication. Inserted in less than 20 seconds, it provides hands-free irrigation, allowing patients to be transported while irrigation continues and frees personnel to treat other injuries. Saves time, saves money and saves eyes! Order Direct from us and save, call us at 1-800-423-8659.

Mount Sinai Health System 1824

555 W. 57th St. 19th Floor
 Room 19-88
 New York, NY 10019
 United States
 p 917-697-9522

w careers.mountsinai.org/emergency-medicine



The Department of Emergency Medicine is committed to excellence in emergency clinical care, education and research. The Mount Sinai Emergency Medicine

Department is one of the largest in the country, affiliated with Elmhurst Hospital Center, a trauma center, affiliated with Mount Sinai Urgent Care Network and is part of NYC's public health system. The Emergency Medicine Service Line has over 200 faculty and treats over 500K patients annually.

MY01 Inc. 3104

400 Boul. De Maisonneuve W., Suite 700
 Montréal, QC H3A 1L4
 Canada
 p 514-979-7154
 w my01.io

N

NAEMSP 2414

4400 College Blvd., Suite 229
 Overland Park, KS 66211
 United States
 p 913-222-8654
 w naemsp.org

The National Association of EMS Physicians® (NAEMSP®) is an organization of physicians and other professionals partnering to provide leadership and foster excellence in EMS medicine. We'd love to have you join our organization.

NanoDx, Inc. (formerly BioDirection) 2024

144 Turnpike Road, Suite 110
 Southborough, MA 01772
 United States
 p 617-470-4488
 w nanodiagnosics.com

Nanosonics Inc. 2713

7205 E. 87 St.
 Indianapolis, IN 46256
 United States
 p 760-484-1321
 w nanosonics.us

Nanosonics is a global innovator in infection prevention. Now you can tap into trophon®2, its latest innovation in ultrasound probe HLD. It features an enhanced design, simple and fast workflows, plus all new AcuTrace™ for digital recordkeeping and seamless integration with your hospital IT system. Visit Nanosonics in Booth 2713.

National Adrenal Diseases Foundation (NADF) 2917

P.O. Box 566
 Lake Zurich, IL 60047
 United States
 p 847-726-9010
 w nadf.us

The National Adrenal Diseases Foundation (NADF) informs, educates and supports those with adrenal disease and their families to improve their quality of life. We are attending the ACEP Scientific Assembly to bring awareness of the danger of adrenal crisis to emergency medical professionals.

National Disaster Life Support Foundation (NDLSF) 1724

AF-2044, 1120 15th St.
 Augusta, GA 30912
 p 706-721-0373
 w ndlsf.org

The National Disaster Life Support Foundation is a non-profit foundation dedicated to the establishment and promotion of standardized, multi-disciplinary, all-hazards, competency-based training for preparedness and response to mass casualty events. Our courses are conducted by over 110 globally distributed accredited training centers. More than 210,000 individuals have been trained. For more information see ndlsf.org.

NES Health 2816

39 Main St.
 Tiburon, CA 94920
 United States
 w neshealth-care.com

NeuroOptics 2714

9223 Research Drive
 Irvine, CA 92672
 p 949-250-9792
 w neurooptics.com

NeuroOptics Pupilometer Systems provide accurate, reliable, and objective measurement of pupil size and reactivity in any patient requiring a neurological examination. The pupilometer expresses pupil reactivity numerically as the Neurological Pupil Index—NPI®—to enhance the pupillary assessment and assist in the triage of patients with Altered Mental Status and potential neurological injury.

N-O

**NORCAL Group,
part of ProAssurance** 2417

575 Market St., Suite 1000
San Francisco, CA 94105
United States

p 415-735-2017

w norcalmutual.com

NORCAL Group, now part of ProAssurance, offers a full spectrum of medical professional liability insurance solutions to physicians and other healthcare providers. NORCAL Group includes NORCAL Insurance Company and its affiliated insurance companies. Please visit norcal-group.com/companies for more information.

Northwest Seminars, Inc. 1909

1412 N. Fifth Ave.
Pasco, WA 99301
United States

p 509-547-7065

w northwestseminars.com

Northwest Seminars in joint sponsorship with The A. Webb Roberts Center for continuing medical education of Baylor Health Care System, Dallas, provides accredited educational opportunities, whether conferences or focused workshops for post-graduate emergency medical specialists. Each conference is held in one of a wide variety of venues throughout every season of the year. While the titles may be the same, each conference is distinctly different from the others in content and faculty.

Nova Biomedical 2211

200 Prospect St.
Waltham, MA 02453
United States

p 781-894-0800, ext. 1542

w novabiomedical.com

Nova is a world leader in point-of-care and critical care diagnostics. Nova's Stat Profile® Prime Plus blood gas critical care analyzer features maintenance-free cartridge technology, automated liquid QC and measures 20 tests from a drop of blood in under 2 minutes. StatStrip® Glucose, the only meter FDA-cleared for use with critically ill patients, measures glucose while eliminating interferences; StatStrip Lactate provides rapid POC screening and monitoring of sepsis, with 13-second results.

Novartis 2231

One Health Plaza
East Hanover, NJ 07936
United States

p 862-778-8300

w novartis.com

Novartis is reimagining medicine to improve and extend people's lives. We use innovative science and digital technologies to create transformative treatments. Novartis products reach more than 800 million people globally, and we are finding innovative ways to expand access to our medicines. About 109,000 people of more than 145 nationalities work at Novartis.

Nuance Communications 2203

1 Wayside Road
Burlington, MA 01803
United States

p 781-565-5000

w nuance.com

Nuance solutions capture, improve and communicate more than 300 million patient stories each year, helping more than 500,000 clinicians in 10,000 global healthcare organizations. For the emergency department, ED Guidance for Dragon Medical Advisor is an in-workflow guidance solution that leverages industry-leading content from The Sullivan Group that helps promote better patient safety and improve clinical documentation quality for high-risk conditions.

O

Omni-stat Medical Inc. 2503

101 Ave. of the Americas Eight & Ninth Floors
New York, NY 10013
United States

p 215-237-0566

w omni-stat.com

Omni-stat Medical Inc provides solutions to bleeding control in a hospital setting. We recognize unique challenges healthcare professionals face when presented with bleeding wounds that vary broadly across the spectrum of medicine. The unique technology behind OMNI-STAT, hemostatic agents offers fast and effective control of minor, moderate and severe bleeding.

On Call Medical Coats 2027

c/o Measure Up
700 Freeman St.
Lafayette, TN 37083
United States

p 615-666-7467

w medicalcoats.com

We make the finest traditional coats available. We are not resellers of the mass-produced, commodity-grade coats sold in uniform stores. We manufacture our own coats to a high standard of quality, under the supervision of an emergency physician and ACEP member. We offer custom alterations, as well as embroidery of names and the ACEP logo. Options include belts, cotton buttons and iPad pockets. Visit our booth to create your personal coat profile, to simplify future coat ordering.

Opiant Pharmaceuticals 1825

233 Wilshire Blvd., Suite. 280
Santa Monica, CA 90401
United States

p 310-598-5410

Opiant is a pharmaceutical company with a mission to create best-in-class medicines for the treatment of addictions and drug overdose. We have headquarters in Santa Monica, California, with additional offices in London, U.K. We were founded in 2009.

OSF Healthcare 2419

1420 W. Pioneer Pkwy.
Peoria, IL 61615
p 309-683-8354

w osfhealthcare.org



OSF HealthCare is an integrated health system owned and operated by The Sisters of the Third Order of St. Francis, headquartered in Peoria, Illinois. OSF HealthCare employs more than 23,600 Mission Partners in 147 locations, including 14 hospitals - nine acute care, four critical access - with 2,097 licensed beds, and two colleges of nursing throughout Illinois and Michigan.

P

Panacea Financial 2717

3604 Kavanaugh
Little Rock, AZ 72205
United States
p 617-817-2291

w panaceafinancial.com

Panacea Financial is banking for doctors, by doctors. Co-founded by two physicians who were frustrated with the traditional banking sector, all of their products and services are designed from the ground up for medical students, residents, fellows and attendings—it's the bank for emergency physicians, residents and medical students.

Paratek Pharmaceuticals, Inc. 2824

1000 First Ave., Suite 200
King of Prussia, PA 19406
United States

p 484-751-4993

w paratekpharma.com

Paratek Pharmaceuticals is a biopharmaceutical company that develops transformative solutions for patients, both in and out of the hospital, with diseases that are difficult to treat. At Paratek, we pursue solutions that enable positive outcomes and lead to positive patient stories.

Pendrick Healthcare Partners 2613

2331 Mill Road, Suite 510
Alexandria, VA 22314
United States

p 703-768-7020

w pendrickhealthcare.com

Pendrick Healthcare Partners works with leading hospital systems and physician networks to improve the patient financial experience and optimize the revenue cycle. Our consultative approach and proprietary platform bring together expertise and data to deliver a comprehensive solution for the management of patient responsibility volume. To learn more, please visit our website at www.PendrickHealthcare.com.

**Penn State Hershey Medical Center -
Emergency Medicine** 1924

100 Crystal A Drive CA230
Hershey, PA 17033
United States

p 717-531-6205

w pennstatehershey.org/web/emergencymedicine/home



Located in Central Pennsylvania, the Penn State Health system offers inviting and safe communities to live, work, play and learn. Our neighborhoods boast a

reasonable cost of living whether you prefer a more suburban setting or thriving city rich in theater, arts and culture. The area is rich in history and offers all the beautiful inspiration of the four seasons conveniently located within a short distance to major cities, including Philadelphia, New York City, Baltimore and Washington, DC.

PEPID, LLC 2109

300 W. Clarendon Ave., Suite 300
Phoenix, AZ 85013

United States

p 847-491-9100

w pepid.com

The gold standard for emergency medicine decision support, PEPID covers the full spectrum of emergency medicine and is designed for rapid access and immediate results. As a core provider of peer-reviewed disease content and the leading drug reference, PEPID takes you from optimized diagnostics to accurate treatments in seconds. No books. No search engines. Just one trusted curation of EM essentials and tools—seamlessly delivered at the point-of-care.

PETTIGREW 2424

7982 Macon Highway
Watkinsville, GA 30677

United States

w pettigrewmedical.com

PETTIGREW is a full-service revenue cycle management company co-founded by emergency department physician Chip Pettigrew in 1989. We offer a complete suite of products and services designed to maximize collections and streamline the revenue cycle management process for our clients. PETTIGREW will help you save time and money with our proprietary billing and coding processes, home-grown technologies and highly competent onshore and offshore labor force. Contact us today for a free consultation.

Philips 2206

3000 Minuteman Road
Andover, MA 01810
United States
p 612-306-7500

w philips.com

Philips is a leading health technology company focused on improving people's health and enabling better outcomes across the health continuum—from healthy living and prevention, to diagnosis, treatment and home care.

PhyCon 1826

4401 W. Memorial Road, Suite 121
Oklahoma City, OK 73134

United States

p 405-751-4664

Phycon, Inc. is physician-owned, specializing in emergency billing, coding, practice management and consulting for hospitals and private physician groups nationwide. Our comprehensive service includes: professional and facility coding, billing, managed care plan analysis, report tracking, documentation evaluation and training. With Phycon's state-of-the-art dashboard, clients have access to daily reports personally tailored to their practice.

Physicians Choice LLC 1905

21860 Burbank Blvd., Suite 120
Woodland Hills, CA 91367

United States

p 818-340-9988

w physchoice.com

Physicians' Choice provides a full array of coding, billing, payer negotiation and data management to emergency medicine groups and urgent care centers with unmatched, state-of-the-art proprietary applications. Physicians' Choice provides revenue cycle management services for over one million visits annually. For more information, please contact: John D. Uphold, MD, FACEP at juphold@physchoice.com, Greer Contreras, CPC at gcontreras@physchoice.com or Jonathan D. Sturm at jsturm@physchoice.com.

PortaGyn 2515

151 N. 8th St., Suite 522
Lincoln, NE 68508
p 605-228-6713

w portagyn.com

P-R

Porter Instrument**2210**245 Township Line Road
Hatfield, PA 19440

United States

p 956-303-7899

w porterinstrument.com/medical

Porter Instrument is the leading manufacturer of nitrous oxide and oxygen systems. Now featuring Porter's continuous flow sedation systems for the highest levels of precision, safety and patient satisfaction. All flowmeters feature easy adjustment of both flow rates and percentage N2O mixture (0-70% or 0-50%) allowing for predictable results across a wide variety of applications. Complete procedures more efficiently, improve throughput, reduce costs and improve patient satisfaction scores.

PracticeLink, Ltd.**2730**415 Second Ave.
Hinton, WV 25951

United States

p 304-250-4435

w practicelink.com

Physicians searching for their first or next practice rely on PracticeLink—The Career Advancement Resource for Physicians. PracticeLink helps physicians find the practice opportunities that best suit their personal and professional needs, and provides helpful career development and job search information.

Praxi Physician Management, LLC**1706**414 Woodgate Dr.
Chapel Hill, NC 27516

p 214-415-8029

w praximanagement.com**Precision Medical Devices****2016**153 W. Avenida de las Flores
Thousand Oaks, CA 91360

United States

p 949-279-4334

w thetring.com

Wound repair without needles and sutures. A little TLC™ is better than sutures for most finger lacerations! Experts now recommend using the T-RING, the new T-strip and topical laceration closure (TLC)™ techniques for almost all finger lacerations. Save time, reduce costs and eliminate the need for painful injections, sutures and unnecessary follow-up visits. Come see the T-RING, the world's first one-size-fits-all tourniquet for digits.

ProScribe**2134**16414 San Pedro, Suite 525
San Antonio, TX 78232

United States

p 210-545-2500

w proscribemd.com

ProScribe is passionate about improving the lives of providers and their patients through the use of medical scribes. Since 2010,

ProScribe has increased provider productivity, decreased door-to-provider time, and most importantly, enhanced the providers' quality of life nationwide. It's time to get back to allowing physicians to do what they love and leave the data entry to our highly trained ProScribe medical scribes. We focus on the documentation, the physician focuses on the patient.

Q

QGenda + Shift Admin**2116**3340 Peachtree Road NE, Suite 1100
Atlanta, GA 30326

United States

p 770-399-9945

w qgenda.com

QGenda is the leading innovator in enterprise healthcare workforce management solutions, delivering solutions for provider scheduling, on-call scheduling, room

management, time tracking, compensation management and workforce analytics. QGenda serves more than 3,500 organizations in over 45 medical specialties. Leading practice groups, hospitals, academic medical centers and enterprise health systems use QGenda to advance provider scheduling, optimize capacity and improve access to care.

R

R1**3016**401 N. Michigan Ave., Suite 2700
Chicago, IL 60611

United States

p 312-324-7820

w r1rcm.com

R1's revenue cycle and practice management solutions seamlessly integrate with an emergency medicine group's operation, allowing organizations to collect more, spend less and provide more time to care for patients. Additionally, R1 keeps its customers updated on industry changes actively addressing the financial and regulatory constraints that impact business performance. To learn more visit: r1rcm.com.

Rare Disease Therapeutics, Inc.**3004**2550 Meridian Blvd., Suite 150
Franklin, TN 37067

United States

p 615-399-0700

w raretx.com

Rare Disease Therapeutics, Inc. (RDT) is America's first exclusively orphan drug company committed to developing and marketing drugs for rare disorders. RDT is dedicated to patients with unmet medical needs, including envenomations. RDT and Laboratorios Silanes, S.A. de C.V. have a joint development and distribution agreement for F(ab')₂ antivenoms. Silanes is a world leader in the development and marketing of antivenom for snakes, scorpions and spider envenomation on three continents.

Recordati Rare Diseases**2407**100 Corporate Drive, Suite 104
Lebanon, NJ 08833

United States

p 201-206-2851

w recordati.com

Recordati Rare Diseases is a biopharmaceutical company committed to providing urgently needed therapies to people living with rare diseases in the United States. We strive to reduce the impact of these devastating diseases and restore health. Our experienced team works side-by-side with rare disease communities to increase awareness, improve diagnosis and ensure access to effective treatments. For more information, please visit recordatirarediseases.com/us.

Retrofit**2230**

625 W. 57th St., #2702
New York, NY 10019
United States
w retrofitmedical.com

Retrofit produces GynoCart, an innovative mobile gyn exam table that will turn any ER stretcher into a fully operational gyn exam table. Women often wait two hours or more in the ER for the gyn exam room to be available. With GynoCart, any ER stretcher becomes a gyn exam table so women don't have to wait.

Ring Rescue Incorporated**2141**

20 Orion Court
Dartmouth, NS B2Y 4W6
Canada
[p 613-240-7641](tel:613-240-7641)
w ringrescue.com

We are a medical device company that created a finger compression device to help professionals like you remove stuck rings non-destructively. Our patented solution shrinks finger size 100% of the time, then it's up to you to remove the ring with the use of proper manipulation techniques and our non-hydrating lubricant. Our device significantly reduces the need for ring cutting and provides an effective solution to allow you to tackle difficult metals such as titanium and tungsten.

Rochester Regional Health**2136**

100 Kings Hwy. S.
Rochester, NY 14617
United States
[p 585-922-1389](tel:585-922-1389)
w rochesterregionalhealth.org



Passionate work. Great rewards. We are dedicated to our physicians! Join our nationally acclaimed team of physicians at the fastest-growing healthcare

system in the region. You will find a supportive atmosphere that promotes career advancement and leadership opportunities.

Rosh Review**2403**

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Huntington Woods, MI 48070
United States
[p 248-376-3719](tel:248-376-3719)
w roshreview.com

We have a game changer. Software to help you assess your resident's strengths and weaknesses, test hard-to-reach milestones and prepare them for the certification exam. We believe in pushing the envelope. Doing the grunt work so that you can focus on what is important. Your emergency medicine board review experience is about to change. Expert question writers, high-yield content, comprehensive explanations ... all in a simple, user-friendly interface.

S**Safersonic US****1910**

2873 Arlington Ave.
Highland Park, IL 60035
United States
[p 847-274-1534](tel:847-274-1534)
w safersonic.com

Discover the Cover! Safersonic Gel Free Ultrasound Transducer Covers represent the first innovation in this product category in over 30 years. We eliminate the need for gel under the cover. This allows Safersonic to be the only company offering a 1-foot-long ultrasound cover. Easy to apply quickly. Protect the equipment and your patients.

Salix Pharmaceuticals**2906**

400 Somerset Corporate Center
Bridgewater, NJ 08807
United States
[p 908-541-1312](tel:908-541-1312)
w salix.com

Salix Pharmaceuticals is one of the largest specialty pharmaceutical companies in the world committed to the prevention and treatment of gastrointestinal (GI) diseases and disorders. We are focused on constantly innovating to improve patients' lives. XIFAXAN® (rifaximin) 550 mg tablets are indicated for the reduction in risk of overt hepatic encephalopathy (HE) recurrence in adults and for the treatment of irritable bowel syndrome with diarrhea (IBS-D) in adults. RELISTOR® (methylnaltrexone bromide) is a prescription medicine used to treat constipation in adults that is caused by prescription pain medicines called opioids. RELISTOR tablets and RELISTOR injection are used to treat constipation caused by opioids in adults with long-lasting (chronic) pain that is not caused by active cancer. RELISTOR injection is also used to treat constipation caused by opioids in adults with advanced illness or pain caused by active cancer and who need increases in their opioid dose for pain management.

San Carlos Apache Healthcare Corporation**2416**

103 Medicine Way Road
Peridot, AZ 85542
United States
[p 928-475-1206](tel:928-475-1206)
w scahealth.org

SCP Health**3000**

200 Corporate Blvd.
Lafayette, LA 70508
United States
[p 337-354-1238](tel:337-354-1238)
w scp-health.com



SCP Health (SCP) is a clinical company. At our core, we work to bring hospitals and healers together in the pursuit of clinical effectiveness. With a portfolio of over 8 million patients, 7,500 providers, 30 states and 400 healthcare facilities, SCP Health is a leader in clinical practice management, spanning the entire continuum of care, including emergency medicine, hospital medicine, wellness, telemedicine, intensive care and ambulatory care.

S-T

Sense Biodetection Inc.

2522

115 Cedar St., Suite N3
Milford, MA 01757
United States
p 949-784-9339
w sense-bio.com

Sense Biodetection is a global molecular diagnostics company focused on empowering patients and transforming healthcare access and affordability by bringing lab-quality results through easy-to-use, rapid, disposable molecular tests without the constraints of an instrument. The company's Veros™ product platform will enable widespread testing to enhance patient access, improve patient health and lower systemic healthcare costs. www.sense-bio.com

Sense Neuro Diagnostics

3114

7085 E. Desert Spoon Lane
Gold Canyon, AZ 85118
United States
p 480-225-6610
w senseneuro.com

ShiftGen, LLC

2304

1890 Oak Knoll Lane
Menlo Park, CA 94025
United States
p 650-521-4517
w shiftgen.com

ShiftGen is a cloud-based scheduling platform. The scheduling features include automated schedule creation with a wide range of parameters, handling multiple sites simultaneously, mobile messaging, ability to limit overtime, tracking, one-click reports, payroll reports and granular customizable user privileges. ShiftGen runs on a robust distributed computing system with frequent data backup, ensuring that there are no scheduled downtimes. Long-term contracts are not required.

Society for Academic Emergency Medicine

2616

1111 E. Touhy Ave., Suite 540
Des Plaines, IL 60018
United States
p 847-813-9823
w saem.org

It is the mission of SAEM to lead the advancement of emergency care through education and research, advocacy and professional development in academic emergency medicine.

SonoSim, Inc.

2327

1738 Berkeley St.
Santa Monica, CA 90404
United States
p 323-473-3800
w sonosim.com/our-solution

SonoSim, Inc. is dedicated to improving and transforming medical care by serving as a global leader in ultrasound education and training. With its staff of leading ultrasound educators, instructional designers, content editors, scientists and software developers, SonoSim has created the easiest way to learn ultrasonography, the SonoSim® Ultrasound Training Solution.

Surgical Science - Symbionix Products

2420

5381 S. Alkire Cir.
Littleton, CO 80127
Phone: 216-229-2040
Website: symbionix.com

3D Systems features the U/S Mentor now with VR for a fully immersive experience. This ultrasound simulator serves a wide variety of medical specialties. Realistic simulation, designated skill tasks, various patient cases and captured metrics – all combined to promote clinical hands-on proficiency. Available modules: Sonography Basic Skills, Bedside Echo, eFAST and more. Request a demo at your institution at healthcare@3dsystems.com or www.symbionix.com.

Sycamore Physician Contracting

2422

4031 Parkway Drive, Suite B
Florence, AL 35630-7620
United States
p 208-596-8223
w sycamoredocs.com



Sycamore is a physician-owned alternative to traditional ED staffing companies—empowering emergency docs to take back their specialty and their work-life

balance. Over 500 physicians nationwide use Sycamore to moonlight or work locums on their own terms, without going through a locums company. We also help residents find their first full-time jobs and negotiate for the best terms.

T

Teleflex, Inc.

2606

3015 Carrington Mill Blvd.
Morrisville, NC 27560
United States
p 919-361-4018
w teleflex.com

At Teleflex, we believe in empowering emergency clinicians to save lives through assuring access to innovations in intuitive emergency medicine technology. Earlier this year, we completed the acquisition of Z-Medica, the manufacturer of QuikClot® Hemostatic Products. We're excited about the combined strengths of these companies and our ability to provide a broader product portfolio to better serve our customers.

Telexy Healthcare, Inc.

3212

200-11830 223 St.
Maple Ridge, BC C1N 4P6
Canada
p 902-439-2302
w telexyhealthcare.com

Introducing Qpath E, the next evolution of Qpath to help you manage both training and cClinical ultrasound workflow for your ED or for any POC ultrasound program. Streamline your processes for training, credentialing, quality assurance, image storage, documentation, billing and more. Track program status using integrated analytics and reports. Transfer images to PACS and exam reports to the EMR using custom workflows. Document exam results directly on your US system. Collect statistics for research.

Terason

2916

77 Terrace Hall Ave.
Burlington, MA 01803
p 781-270-4143
w terason.com

Terason is an advanced technology company setting new standards in portable ultrasound. Terason's New 3200T Plus Ultrasound System, featuring SuperHarmonic Imaging, 15.7" screen, an intuitive interface and unparalleled image clarity is changing the way healthcare providers practice medicine. With our exclusive Enhanced Needle Visualization (ENV), the uSmart 3200T plus is one powerful machine.

The Dental Box**2139**

3145 E. McDowell Road
Phoenix, AZ 85008
United States
p 602-413-4099
w thedentalbox.com

The original Dental Box, designed by an ED physician, provides for care of acute dental emergencies until definitive care by a dentist is arranged. The medications, pastes, glues and anesthetics provide for easy care of fractures, subluxed teeth, avulsed teeth, dry sockets, deep dental caries, oral lacerations, loose appliances, bleeding mucosa and oral ulcers. Each kit contains pictorial laminated, quick-reference cards and inventory lid insert and on-line access to how-to videos.

The Sullivan Group**2204**

3513 Brighton Blvd., Suite 485
Denver, CO 80216
United States
p 630-286-1188
w thesullivangroup.com

The Sullivan Group (TSG) provides trusted clinical content to improve patient safety and reduce diagnostic error. TSG delivers unparalleled depth in risk and safety educational content to ensure your clinicians have the knowledge to deliver the highest quality of patient care. Their RSQ® Solutions platform has delivered over 1 million courses to 95,000 clinicians impacting 20 million patient visits annually at over 1,000 acute care facilities.

Tsehootsooi Medical Center**1925**

P.O. Box 649
Fort Defiance, AZ 86504
United States
p 928-729-8000
w fdihb.org



FDIHB, Inc. in conjunction with Indian Health Services, National Health Service Corps, Arizona Department of Health & Human Services and Public Service Loan

Forgiveness offer Loan Repayment Programs for qualifying health disciplines.

Twiage**2505**

175 Varick St., c/o CSL
New York, NY 10014
p 646-515-7889
w twiaged.com

Twiage is an award-winning digital health company that provides novel, HIPAA-complaint communication and care coordination technologies enabling EMS, EDs and other hospital service lines, such as stroke, STEMI and trauma to accelerate emergency, as well as non-emergency care with other external healthcare providers. Among many awards and recognitions Twiage has received, ACEP's Section for EM Informatics gave an ED Impact Award to Twiage in 2019.

U**University of Colorado Denver****2001**

P.O. Box 480006
Denver, CO 80248-0006
United States
p 303-623-1888

w business.ucdenver.edu/executivehealth

The Executive MBA in Health Administration program provides healthcare professionals the knowledge and tools to manage complex issues within the healthcare industry. Accelerate your career with a specialized MBA degree in two years. On campus and online format.

University of Tennessee Physician Executive MBA Program**3105**

1000 Volunteer Blvd. 628 Haslam Business Bldg.
Knoxville, TN 37996-4160
United States
p 865-974-1772

The Physician Executive MBA program at The University of Tennessee is an internationally accredited MBA offered exclusively for physicians seeking leadership skills and knowledge. This 1-year-long Physician MBA incorporates four one-week-long residency periods, live Internet-based distance learning, physician leader alumni network and a personalized leadership development program.

US Acute Care Solutions**1600**

4535 Dressler Road NW
Canton, OH 44718
United States
p 330-994-4372
w usacs.com



US Acute Care Solutions was founded by like-minded medical groups who share an ironclad commitment to a physician-owned business model. As a USACS physician, you'll experience the camaraderie exclusive to a physician-owned group and a benefits package including excellent compensation, the best medical malpractice with tail coverage, an industry-leading, company-funded 401(k); exceptional healthcare and groundbreaking parental leave. Learn more at our website.

US Army Healthcare Recruiting**1809**

185 Ninth Calvary Regiment Road
Munoz Bldg. 206
Fort Knox, KY 40121
United States
p 502-626-1981
w goarmy.com



The U.S. Army Medical Corps has a variety of dynamic opportunities available for talented doctors to serve their country. Visit the Army Medical Corps booth to meet an Army doctor and learn more about full-time positions in the Army or part-time positions in the Army Reserve.

US Navy Recruiting Command**2820**

5722 Integrity Drive
Millington, TN 38054
United States
p 248-420-1119
w navy.com



U.S. Navy Medical Corps. Become a leader within the medical world—with financial assistance available. Learn more at the Navy booth or visit navy.com/healthcare.

V-Y

V

Vapotherm**3200**

100 Domain Drive
Exeter, NH 03833
United States
p 603-658-0011
w vtherm.com

Vapotherm, Inc. is the inventor of high flow nasal cannula and its advanced form: Vapotherm high velocity therapy. Delivering high velocity therapy, the Precision Flow[®] system offers clinicians a reliable tool for multiple patient populations. For respiratory distress patients presenting in the ED and ICU, high velocity therapy can provide not just oxygenation, but also Mask-Free NIV[®]—ventilatory support with the comfort of heated humidified high flow.

Ventra Health**2219**

298 S. Yonge St.
Ormond Beach, FL 32174
United States
p 386-274-7840
w duvasawko.com

Ventra Health - formerly abeo, DuvaSawko and Gottlieb - is a leader in outsourced revenue cycle management and practice management services for anesthesia, emergency medicine, and other hospital-based providers in the industry. Ventra Health represents a transformative approach to healthcare business solutions across industry verticals. Our mission is to solve the business challenges of hospital-based physician specialties through a combination of expertise, technology, and world class service.

Visby Medical**2521**

3010 N. First St.
San Jose, CA 95134
United States
p 650-207-9993
w visbymedical.com

Visby Medical has been working to change the order of diagnosis and treatment of infectious disease for a decade. The Visby Medical platform is a single-use, instrument-free PCR diagnostic to rapidly test for serious infections that can be used at the point of care.

VisualDx**2426**

339 E. Ave., Suite 410
Rochester, NY 14604
United States
p 585-272-2649
w visualdx.com

VisualDx is an award-winning app that helps busy emergency physicians quickly make or confirm diagnoses, identify drug reactions and consider treatment options. Clinicians can quickly build a differential diagnosis beginning with one key finding or use the smart search to access patient-specific clinical information and images. Used by over 1,600 hospitals and large clinics, VisualDx is the tool of choice for fast, accurate decision-making at the point-of-care.

Vituity**2213**

2100 Powell St., Suite 900
Emeryville, CA 94608
United States
p 510-350-2761
w vituity.com



Vituity was founded by emergency physicians who wanted more control over providing the best care possible. Nearly 50 year later, as a physician-led and -owned

multispecialty partnership, our doctors and clinicians care for nearly 8 million patients each year across 450 practice locations and nine acute care specialties. Join the team that is transforming healthcare. vituity.com/careers.

W

Werfen**2202**

180 Hartwell Road
Bedford, MA 01730
United States
p 978-273-0519
w werfen.com

Werfen is a worldwide leader in specialized diagnostics, focused on Hemostasis, Acute Care, Autoimmunity and OEM products and services. GEM Premier ChemSTAT, a POC analyzer with a customized menu for ED provides BMP results in 70 seconds. Lab-quality Creatinine, BUN, Lac, Hct, pH, pCO₂ from a single venous sample. Automated quality management, all-in-one cartridge and advanced connectivity assure simplicity and quality at the POC.

WiscMed, LLC**2703**

8383 Greenway Blvd., Suite 600
Middleton, WI 53562
p 608-729-7234
w wiscmed.com/

The Wispr was designed as a direct replacement for the traditional otoscope while delivering many of the benefits of high-quality, computer-based digital otoscope systems. Now high-quality digital otoscopy is accessible for all physicians in an everyday, every exam otoscope with the Wispr Digital Otoscope.

WVU Medicine**2309**

1 Medical Center Drive
Morgantown, WV 26508
United States
p 304-794-8820



WVU Medicine includes the physicians, specialists and subspecialists of the West Virginia University School of Medicine; four community hospitals; three critical

access hospitals; and a children's hospital, all anchored by a 690-bed academic medical center that offers tertiary and quaternary care. The Department of Emergency Medicine at WVU maintains a thriving clinical practice, caring for more than 300,000 patients per year. Contact: Angel Greathouse at angel.greathouse@wvumedicine.org.

Y

Yale University School of Medicine, Department of Emergency Medicine**2901**

464 Congress Ave., Suite 264, Second Floor
New Haven, CT 06519
United States
p 617-413-8571

Your Design Medical**2225**

28 Woodridge Lane
Sea Cliff, NY 11579
United States

p 413-454-4436

w yourdesignmedical.com

Medical simulation has finally become affordable.

Founded, owned and operated by an emergency medicine attending (with a prior life as an engineer/teacher). Completely customizable simulation gear: suture pads, vascular access, EM procedural trainers, ultrasound phantoms and beyond! We can build anything you imagine, 3D printed, hand-crafted, made here in the USA. Replace/repair/redesign simulation equipment you need now—invent completely new equipment too. Because hey, it's Your Design!

Z

Zanfel Laboratories, Inc.**2507**

10052 Justin Drive, Suite L
Urbandale, IA 50322

United States

p 515-267-8099

w zanfel.com

Zanfel Poison Ivy Wash is the only product clinically shown to remove the plant's toxin, urushiol, anytime after outbreak of the rash and relieve itching within 30 seconds. For most mild to moderate cases of poison ivy, one application of Zanfel is adequate for each affected area. Zanfel is also effective for mosquito bites, chigger bites, and wasp, hornet and bee stings. Please contact us at 800-401-4002, e-mail itchfree@zanfel.com or visit our website for sales and product information.

Zerowet, Inc.**2415**

P.O. Box 4375
Palos Verdes, CA 90274
United States

p 310-544-1600

w zerowet.com

The Zerowet Supershield makes wound irrigation faster, easier, better! Maybe that's why it's chosen five times as often as all other wound irrigation shields combined! And our KLENZALAC ultimate wound irrigation system will make quick work of even the dirtiest, nastiest wounds. Come see these unique wound care products today.

ZOLL Data**2300**

11802 Ridge Pkwy., Suite 400
Broomfield, CO 80021

United States

p 303-225-6009

w zolldata.com

Zotec Partners**2200**

11460 N. Meridian St.
Carmel, IN 46032

United States

p 317-705-5050

w zotecpartners.com

Zotec Partners is a provider of billing and practice management services to emergency medicine physicians. It currently serves more than 100 emergency departments and 1,600 providers combined. Zotec's flexible solutions range from billing-only services to full-practice management services. For more information about Zotec Partners, visit our website.



EXHIBITORS BY BOOTH

1500s

- 1600 US Acute Care Solutions
- 1609 Mindray
- 1613 Janssen Pharmaceuticals, Inc.
- 1704 Intersurgical Inc.
- 1706 Praxi Physician Management, LLC
- 1707 Caretaker Medical
- 1716 Clarius Mobile Health
- 1724 National Disaster Life Support Foundation (NDLSF)
- 1727 Hillrom
- 1804 Kirk & Associates, LLC
- 1806 Department of Veterans Affairs
- 1807 Genetesis
- 1809 US Army Healthcare Recruiting
- 1816 AbbVie, Inc.
- 1824 Mount Sinai Health System
- 1825 Opiant Pharmaceuticals
- 1826 PhyCon
- 1904 Iris Telehealth
- 1905 Physicians Choice LLC
- 1906 EchoNous Inc.

- 1909 Northwest Seminars, Inc.
- 1910 Safersonic US
- 1911 Core Clinical Partners
- 1913 KPG Physician Services
- 1914 Elsevier
- 1919 BRC
- 1920 Inari Medical
- 1922 CIVCO Medical Solutions
- 1924 Penn State Hershey Medical Center - Emergency Medicine
- 1925 Tsehootsooi Medical Center

2000s

- 2000 Bettinger, Stimler, & Associates, LLC
- 2001 University of Colorado Denver
- 2002 Cytovale
- 2003 EM Coach
- 2004 HealthTalk A.I.
- 2006 HealthChannels
- 2009 Chickasaw Nation Department of Health
- 2010 Gryphon Healthcare

- 2013 GE Healthcare
- 2016 Precision Medical Devices
- 2021 Fujifilm SonoSite
- 2024 NanoDx, Inc. (formerly BioDirection)
- 2025 Memorial Hermann Health System
- 2027 On Call Medical Coats
- 2030 Genentech
- 2034 National Adrenal Diseases Foundation (NADF)
- 2100 Financial Designs, Inc.
- 2101 Mar-Med
- 2102 Huddy ED Design
- 2103 Keystone Healthcare Management
- 2109 PEPID, LLC
- 2116 QGenda + Shift Admin
- 2124 Money Script Wealth Management LLC
- 2125 Edelberg & Associates
- 2127 MorTan, Inc. - The Morgan Lens
- 2134 ProScribe
- 2136 Rochester Regional Health
- 2138 Lexx Healthcare
- 2139 The Dental Box
- 2141 Ring Rescue Incorporated
- 2200 Zotec Partners
- 2202 Werfen
- 2203 Nuance Communications

2204 The Sullivan Group
 2206 Philips
 2209 Innovative Healthcare Systems, Inc.
 2210 Porter Instrument
 2211 Nova Biomedical
 2213 Vituity
 2216 KitoTech Medical
 2217 Emergency Medicine News - Wolters Kluwer
 2219 Ventra Health
 2224 DispatchHealth
 2225 Your Design Medical
 2227 Mediserv Medical Information Services, Ltd.
 2230 Retrofit
 2231 Novartis
 2232 Inflammix, Inc.
 2234 Alteon Health
 2238 Brault
 2241 Innova Emergency Medical Associates
 2300 ZOLL Data
 2302 ConsensioHealth LLC
 2303 Emergency Department Practice Management Association (EDPMA)
 2304 ShiftGen, LLC
 2309 WVU Medicine
 2310 American Board of Emergency Medicine (ABEM)
 2316 d2i - dATA to INTELLIGENCE
 2324 EMPros
 2325 MicroVapor Devices, LLC
 2326 Concord Medical Group
 2327 SonoSim, Inc.
 2330 Atlantic Pension Planning
 2332 CorroHealth (formerly the T-System)
 2400 Envision Physician Services
 2403 Rosh Review
 2404 EmOpti, Inc.
 2407 Recordati Rare Diseases
 2409 LogixHealth
 2413 Designs for Vision, Inc.
 2414 NAEMSP
 2415 Zerowet, Inc.
 2416 San Carlos Apache Healthcare Corporation
 2417 NORCAL Group I part of ProAssurance
 2420 Surgical Science - Symbionix Products
 2421 Huntsville Hospital Health System
 2422 Sycamore Physician Contracting
 2424 PETTIGREW
 2425 ACEP Quality
 2426 VisualDx
 2430 Collective Medical

2500s

2503 Omni-stat Medical Inc.
 2504 Cyclic Vomiting Syndrome Association
 2505 Twiage, LCC
 2507 Zanfel Laboratories, Inc.
 2513 AB Staffing Solutions
 2514 PortaGyn
 2515 AAEM Physician Group
 2517 BTG Specialty Pharmaceuticals
 2519 Melinta Therapeutics
 2521 Visby Medical
 2522 Sense Biodetection Inc.
 2524 GD (General Devices)
 2526 Intelligent Ultrasound North America
 2600 LumiraDx
 2602 ImagineSoftware
 2606 Teleflex, Inc.
 2609 American Physician Partners
 2613 Pendrick Healthcare Partners
 2616 Society for Academic Emergency Medicine
 2619 ApolloMD
 2630 EPOWERdoc, Inc.
 2631 Kedrion Biopharma Inc.
 2700 Change Healthcare
 2703 WiscMed, LLC
 2704 DynaMed/EBSCO
 2713 Nanosonics Inc.
 2716 American Academy of Addiction Psychiatry-PCSS
 2717 Panacea Financial
 2730 PracticeLink, Ltd.
 2800 Emergency Care Specialists
 2801 MeMed Diagnostics
 2803 BrainScope
 2806 First Net Built with AT&T
 2809 Hyperfine Portable MRI
 2813 Ceribell
 2816 NES Health
 2817 LocumTenens.com
 2819 Bionix
 2820 US Navy Recruiting Command
 2822 Alexion, AstraZeneca Rare Disease
 2824 Paratek Pharmaceuticals, Inc.
 2826 Medstaff National Medical Staffing
 2830 Emergency Care Partners
 2900 Gulfcoast Ultrasound Institute
 2901 Yale University School of Medicine, Department of Emergency Medicine
 2906 Salix Pharmaceuticals

2916 Terason
 2917 National Adrenal Diseases Foundation (NADF)
 2919 EMrecruits by R1
 2920 Association of Ringside Physicians
 2921 Medicus Healthcare Solutions
 2922 Anavasi Diagnostics
 2924 Minerva Medical Simulation Inc.

3000s

3000 SCP Health
 3004 Rare Disease Therapeutics, Inc.
 3005 American College of Medical Toxicology
 3006 CEPHEID
 3009 CompMed
 3011 Carnegie Mellon University Master of Medical Management Degree Program
 3013 Icare-USA
 3014 Beckman Coulter, Inc.
 3016 R1
 3019 BioXcel Therapeutics
 3022 Landmark Health
 3104 MY01 Inc.
 3105 University of Tennessee Physician Executive MBA Program
 3106 Abbott Point of Care
 3109 Guthrie Clinic
 3110 Mednition Inc.
 3113 Hippo Education
 3114 Sense Neuro Diagnostics
 3122 GlaxoSmithKline
 3124 CAE
 3200 VapoTherm
 3203 Butterfly Network, Inc.
 3207 BioFire Diagnostics
 3212 Telexy Healthcare, Inc.
 3216 Fisher & Paykel Healthcare
 3219 ACEP Bookstore



EXHIBITORS BY PRODUCT

Billing/Coding Services

Bettinger, Stimler, & Associates, LLC	2000
Brault	2238
Change Healthcare	2700
CompMed	3009
ConsensioHealth LLC	2302
CorroHealth (formerly The T-System)	2332
Edelberg & Associates	2125
Gryphon Healthcare	2010
HealthChannels	2006
Innovative Healthcare Systems, Inc.	2209
Kirk & Associates, LLC	1804
LogixHealth	2409
Mediserv Medical Information Services, Ltd.	2227
PETTIGREW	2424
PhyCon	1826
Physicians Choice LLC	1905
R1	3016
US Acute Care Solutions	1600
Ventra Health	2219
ZOLL Data	2300
Zotec Partners	2200

Cardiovascular

Baxter Healthcare Corporation	2615
Caretaker Medical	1707

EchoNous Inc.	1906
Genetesis	1807
Inari Medical	1920
LumiraDx	2600
Surgical Science - Symbionix Products	2420
Twiage	2505
Vapotherm	3200

Computer Software/Hardware

Collective Medical, a PointClickCare company	2430
ConsensioHealth LLC	2302
d2i - dATA to iNTELLIGENCE	2316
EmOpti, Inc.	2404
EPOWERdoc, Inc.	2630
FirstNet Built with AT&T	2806
GD (General Devices)	2524
HealthTalk A.I.	2004
ImagineSoftware	2602
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Intelligent Ultrasound North America	2526
Mednition Inc.	3110
Nuance Communications	2203
PEPID, LLC	2109
PETTIGREW	2424
QGenda	2116
ShiftGen, LLC	2304

The SonoSim Ultrasound Training Solution for Emergency Medicine	2327
Twiage	2505
VisualDx	2426
Werfen	2202

Consulting Services

Bettinger, Stimler, & Associates, LLC	2000
Brault	2238
Change Healthcare	2700
CompMed	3009
ConsensioHealth LLC	2302
d2i - dATA to iNTELLIGENCE	2316
Edelberg & Associates	2125
Emergency Care Partners	2830
EMrecruits by R1	2919
Financial Designs, Inc.	2100
Gryphon Healthcare	2010
Huddy ED Design Team	2102
Innovative Healthcare Systems, Inc.	2209
Kirk & Associates, LLC	1804
Medstaff National Medical Staffing	2826
Money Script Wealth Management LLC	2124
Pendrick Healthcare Partners	2613
PETTIGREW	2424
PhyCon	1826

ProScribe	2134	The Sullivan Group	2204	Precision Medical Devices	2016
QGenda	2116			Ring Rescue Incorporated	2141
R1	3016			Teleflex, Inc.	2606
Sycamore Physician Contracting	2422	Educational Products/Services		The Dental Box	2139
Ventra Health	2219	Bettinger, Stimler, & Associates, LLC	2000	Vapotherm	3200
		CAE Healthcare	3124	Zerowet, Inc.	2415
Diagnostic Products/Services		Carnegie Mellon University Master of Medical Management Degree Program	3011		
Abbott Point of Care	3106	Edelberg & Associates	2125	Imaging/Ultrasound Equipment	
Anavasi Diagnostics	2922	EM Coach	2003	Butterfly Network, Inc.	3203
Beckman Coulter, Inc.	3014	Gulfcoast Ultrasound Institute	2900	CAE Healthcare	3124
BioFire Diagnostics	3207	Hippo Education	3113	CIVCO Medical Solutions	1922
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Fujifilm Sonosite	2019	National Adrenal Diseases Foundation (NADF)	2917	GE Healthcare	2013
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Genetesis	1807	Northwest Seminars, Inc.	1909	Gulfcoast Ultrasound Institute	2900
Gulfcoast Ultrasound Institute	2900	Rosh Review	2403	Hyperfine Portable MRI	2809
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VisualDx	2426	Bionix	2819	Financial Designs, Inc.	2100
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		Ceribell	2813	The Sullivan Group	2204
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Brault	2238	EchoNous Inc.	1906	Non-Profit Organization/Association	
Change Healthcare	2700	Fisher & Paykel Healthcare	3216	American College of Medical Toxicology	3005
CorroHealth (formerly The T-System)	2332	Fujifilm Sonosite	2019	Cyclic Vomiting Syndrome Association	2504
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HealthChannels	2006	GE Healthcare	2013	Guthrie Clinic	3109
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AbbVie, Inc.	1816
Alexion, AstraZeneca Rare Disease	2822
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BTG Specialty Pharmaceuticals	2517
Genentech	2030
Kedrion Biopharma Inc.	2631
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Melinta Therapeutics	2519
Novartis	2231
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Paratek Pharmaceuticals, Inc.	2824
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EM Coach	2003
Emergency Medicine News-Wolters Kluwer	2217
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Medstaff National Medical Staffing	2826
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DispatchHealth	2224
DynaMed/EBSCO	2704
EM Coach	2003
Financial Designs, Inc.	2100
FirstNet Built with AT&T	2806
GD (General Devices)	2524
Huddy ED Design Team	2102
Intersurgical Inc.	1704
KPG Provider Services	1913
Mar-Med	2101
MeMed Diagnostics	2801

MicroVapor Devices, LLC	2325
Nanosonics Inc	2713
On Call Medical Coats	2027
Panacea Financial	2717
Pendrick Healthcare Partners	2613
Ring Rescue Incorporated	2141
Your Design Medical	2225

Staffing/Management

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American Physician Partners	2609
ApolloMD	2619
CompMed	3009
Core Clinical Partners	1911
Department of Veterans Affairs	1806
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Lexx Healthcare	2138
LocumTenens.com	2817
Medicus Healthcare Solutions	2921
Medstaff National Medical Staffing	2826
Mount Sinai Health System	1824
Penn State Health Emergency Medicine	1924
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R1	3016
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MorTan, Inc. - The Morgan Lens	2127
Omni-stat Medical Inc	2503
Precision Medical Devices	2016
Teleflex, Inc.	2606
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Zerowet, Inc.	2415

Research Forum Index



Integrate the science with the education at emergency medicine's premier research event: ACEP's Research Forum.

- Come to the Brooks F. Bock Lecture and Abstract Session highlighting how research in emergency care impacts health care policy, changing how we care for patients today and in the future.
- View and discuss original research that will impact your daily practice on the topics and issues that matter most to you and your patients.
- Learn panels of experts and interact with researchers during the events. See the Schedule of Events, beginning on page 27, for details.



Learning Objectives

Upon completion of this activity, participants will be able to discuss the pros and cons of the results of a moderated oral or virtual research abstract, identify research/treatment that could be applied to clinical practice and explain research trends occurring in emergency medicine.

While every effort is made to ensure the accuracy of data within this publication, the publisher cannot be held responsible for errors or omissions. Data current as of 9/23/2021.



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

Designated lectures (shown with asterisk) have been awarded *AMA PRA Category 1 Credit™* as part of the overall ACEP21 Scientific Assembly accreditation.

MONDAY

12:30 a.m.-1:20 p.m.

*** Brooks F. Bock Lecture and Abstract Session: AFFIRMING Our Lane: The Role of Emergency Physicians in Preventing Firearm Injury**
Room 107

Megan L. Ranney, MD, MPH, FACEP

#1 Gunshot Wound Case Clustering and Response/Transport Time Variation in an Urban EMS System: A Geospatial Analysis
Matthew Gangidine, MD, Denver Health Medical Center

#2 Training Emergency Physicians for Mass Casualty Triage during Mass Shooting Events: A New York City-based Pilot Curriculum
Michael Reilly, DrPH, MPH, NRP, New York Medical College

10:30-11:30 a.m.

Disaster Medicine/EMS
Room 152

#3 The Updated NYC EMS Acute Stroke Triage Protocol Reduces Interfacility Transfers and Time to Endovascular Thrombectomy for Large Vessel Occlusion Patients
Jacob Morey, MBA, Icahn School of Medicine at Mount Sinai

#4 Outcomes Following Consultation with On-Line Medical Control During Out-of-Hospital Cardiac Arrest in the Portland Metropolitan Area
Tristen M. Zimmerman, BA, Department of Emergency Medicine, Oregon Health and Science University

#5 Use of emergency medical dispatch protocols improves survival in out of hospital cardiac arrest
Azeemuddin Ahmed, University of Iowa

#6 Evaluation of the Shock index for prehospital sepsis recognition
Anjali Banerjee, Mount Dora High School

#7 Impact of a Hospital Cyberattack on EMS Arrivals at Neighboring Emergency Departments
Christian Dameff, MD, MS, University of California San Diego Department of Emergency Medicine

#8 What's Taking So Long – A Retrospective Review of Factors Influencing Bedside Time in Interfacility Transfer
Jonathan Berkowitz, MD, Northwell Health, New York

Education
Room 154

#9 Are there positive deviant providers in the speed of ordering antibiotics for sepsis?
Nima Sarani, MD, Kansas University Medical Center

#10 Resident Confidence Ratings Reinforce High Proportions of Pediatric and HALO events in an Emergency Medicine Simulation Curriculum
David Paddock, BA, Rush Medical College

#11 What Medics Want: Analysis of Feedback and Patient Follow-up Requests from Prehospital Providers at an Academic Emergency Department
Sarayna McGuire, MD, Mayo Clinic

#13 Impact of an Electronic Decision Tool for Social Resources upon Discharge
Madeline Grade, MD, MSc, University of California San Francisco

#14 Is Coaching Using Video Laryngoscopy Superior to Traditional Method for Improving Pediatric Intubation Skills?
Cheryl Yang, MD, University of Utah

Public Health & Injury/ Illness Prevention
Room 157

#15 Physician Assistant Malpractice Trends in Emergency Medicine
Frederick Wu, MHS, PA-C, University of California San Francisco (UCSF) - Fresno

#16 Characteristics of traumatic and non-traumatic ophthalmic presentations to United States Emergency Departments
Philip Wang, BS, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University, Cleveland, Ohio

While every effort is made to ensure the accuracy of data within this publication, the publisher cannot be held responsible for errors or omissions. Data current as of September 23, 2021.

#17 Medical & Social Resources at Emergency Department Discharges: A Prospective Analysis of the Impact of a Volunteer Patient Discharge Initiative on ED Revisits
Aanchal Thadani, BA, Baylor College of Medicine

#18 Workplace Violence Reporting Behaviors in Emergency Departments across a Health System
Sarayna McGuire, MD, Mayo Clinic

#19 A Comparative Analysis on Fertility Success Among Physician Specialties
Camiron Pfennig, MD, MHPE, Prisma Health Upstate/ University of South Carolina School of Medicine Greenville

#20 The Effect of Peer Recovery Coaches on Emergency Department Utilization by Patients with Substance Use Disorders
Teagan Lukacs, DO, MPH, Good Samaritan Hospital

11:30 a.m.-12:30 p.m.

Neurology Room 152

#24 Route of administration and drug class are correlated with length of stay in primary headache emergency department visits
Philip Wang, BS, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University

#25 Incidence of Clinically Significant Aneurysms Requiring Neuro-intervention in Patients Who Received Computed Tomography Angiography for Stroke Like Symptoms
Nicole Vigh, DO, MPH, Good Samaritan Hospital

#26 AHORA: A Spanish Language Stroke Symptom Identification Tool
Madison Weech, MD, Lakeland Regional Medical Center

Geriatrics/Palliative Room 154

#27 Thromboelastography May Help Identify Anticoagulant or Antiplatelet Effects in Geriatric Traumatic Brain Injury Patients
Joshua Solano, MD, Florida Atlantic University

#28 Geriatric emergency department accreditation accelerates integration of geriatric care at the Veterans Health Administration
Colleen McQuown, MD, FACEP, Louis Stokes Cleveland VA Medical Center

#29 Comparison of Risk Factors and Outcomes for Blunt Trauma Patients on Anticoagulants or Antiplatelet Agents Evaluated in Urban and Suburban Settings
Margaret Beyer, BS, Henry Ford Hospital

#30 Characteristics of Patients Restrained in the Emergency Department and Evaluation for Disparities in Care
Kaytlena Stillman, MD, Cedars-Sinai Medical Center

#31 Identifying and Responding to Elder Mistreatment in the Emergency Department: Results from a Multi-Site Feasibility Study
Kristin Lees Haggerty, PhD, Education Development Center

#32 Validation of the Admission for Geriatric patients in the Emergency Department (AGED) Algorithm
Peter Serina, MD, MPH, Northwestern University

COVID Room 157

#33 Forecasting Daily Patient Arrivals during COVID-19 in Emergency Departments: A Deep Learning Approach
Joseph Miller, MD, MS, Henry Ford Hospital

#34 Prolonged N-95 Mask Use Did Not Result in Carbon Dioxide Retention or Clinically Significant pH Changes in One Cohort of Health Care Workers
John Radio, MD, University of Nebraska Medical Center

#35 Impact Of COVID-19 On Surgical Cases Referred from the ED In A Tertiary County Hospital in the US
Stephany Kim, University of Texas at Southwestern

#36 Emergency Department Visits for Pulmonary Embolism and Deep Venous Thrombosis After the Arrival of Covid-19.
Barnet Eskin, MD, PhD, Morristown Medical Center

#284 An Analysis of a Novel Telemedicine Intervention to Decrease ED visits in a County Hospital System
Jonathan Rogg, MD, MBA, McGovern Medical School at UTHealth

#290 A Novel Triage and Evaluation Process During the COVID-19 Pandemic
Andy Leubitz, DO, MBA, Good Samaritan Hospital

12:30-1:30 p.m.

Resuscitation/Critical Care Room 152

#39 The Impact of Comorbidities on Mortality in Pre-Shock Sepsis
Lauren Shawyer, BS, Wayne State University School of Medicine

#41 The Need for Speed- Rapid Infusion Catheters versus Central Venous Catheters for large volume infusions: a preliminary study and literature review.
Connor Greer, MD, University of Kentucky

#42 Improving Patient Selection in International Pediatric EPCR Cohorts
Nitish Sood, BS, Medical College of Georgia

#43 The Importance of Intraosseous (IO) Placement Location on Infusion Rates and Infusion Pressures in a High Bone Density Humerus and Sternum Cadaveric Swine (Sus Scrofa) Model
Joseph Gehrz, MD, Naval Medical Center San Diego

#211 Long Term Effects of Mobile Health and Augmented Social Support on Emergency Department Patients With Diabetes
Elizabeth Burner, MD, MPH, MSci, University of Southern California

#292 First Pass Success and Adverse Events in the Emergency Intubation of Children
Taylor McCormick, MD, MS, Denver Health

International/Global Room 154

#45 The Effect of Language on the Management of Appendicitis
Kenneth Chang, DO, New York Presbyterian Queens

#46 External Validation of a Singapore Electronic Health Record Based Emergency Department Admission Prediction Model in a North American Setting
Connor Davis, MS, Duke University School of Medicine

#47 Building a Virtual Community of Global Emergency Medicine Mentorship and Learning - ACEP & EMRAs' Global Emergency Medicine Student Leadership Program (GEMS-LP)
Ashley Pickering, MD, MPH, University of Maryland School of Medicine, Department of Emergency Medicine

#49 Telemedicine at Sea: What information is helpful beyond voice and text?
Tenagne Haile-Mariam, MD, George Washington University

#166 Predicting Food Insecurity among Older Adults in the Emergency Department
Aakash Mehta, BS, BSPH, University of North Carolina at Chapel Hill

Wellness Room 157

#50 Depression in Emergency Department Healthcare Workers During the COVID-19 Outbreak in Brooklyn, NY
Haoyuan Gao, Temple University

#51 Shift Happens: Emergency Physician Perspectives on Fatigue and Shift Work
Emily Hirsch, MD, Prisma Health

#52 Is Working in the Emergency Department Hazardous to your Health? Psychological and Physical Features of Emergency Staff during the COVID-19 Pandemic
Bernard Chang, MD, PhD, Columbia University

#53 Continued Resident Depression, Anxiety and Stress Despite Declining Covid Numbers and Increasing Vaccination Rates
Frederick Fliesseler, DO, Morristown Medical Center

#54 The Cafeteria: A Surprising Source of Wellness
Larissa Unruh, MD, MPH, Cook County Health

#55 Faculty and Resident Wellness After a Difficult Year
Veronica Mekaeil, Morristown Medical Center

1:30-2:30 p.m.

*State-of-the-Art I: The continuum from opioid deprescribing to managing opioid use disorder in the ED Room 157


Emergency care research has an impact on every practicing emergency provider. In this series, examination of the ever-important "crossroads" between research and clinical practice. This state of the art presentation will discuss novel and innovative approaches to reduce opioid use in the emergency department. Enhanced recognition and treatment of opioid use disorder in the emergency department will also be highlighted.
Anthony Lagina, MD, FACEP, Jeanmarie Perrone, MD, FACMT, Lewis Nelson, MD, FACEP

2:30-3:30 p.m.

Plenary Session I: Late Breaking Research in Emergency Care Room 157

#57 EMBED: A pragmatic trial of user-centered clinical decision support to implement Emergency department-initiated Buprenorphine for opioid use Disorder
Edward Melnick, MD, MHS, Yale School of Medicine

#58 Using Machine Learning to Predict Hospital Disposition with Geriatric Emergency Department Innovations Intervention
Gabrielle Bunney, MD, Northwestern University

 Refer to the ACEP mobile app for complete Research Forum details.

#59 Artificial intelligence occult sepsis detection in the emergency department: A large, multicenter real world data study
W Frank Peacock, MD, FACEP, FACC, FESC, Baylor College of Medicine

#60 Telemedicine Critical Care for Rural Hospitals During the COVID-19 Pandemic
Matt Lyon, MD, Augusta University

3:30-4:30 p.m.

Trauma Room 152

#62 Comparative Analysis of Digital Camera Systems for the Documentation of Anogenital Injuries Following Sexual Assault
Jeffrey Jones, MD, Spectrum Health - Michigan State University Emergency Medicine Residency Program, Grand Rapids

#63 Topical use of Tranexamic Acid in the Emergency Department
Casey Collier, MD, Amita Health Resurrection Medical Center

#65 External Validation And Comparison Of Three Predictive Tools To Identify Low-Risk Patients With Isolated Subdural Hematomas
Andrew Rogers, MD, Northwestern University Department of Emergency Medicine

#66 Prediction of Hospitalization and Mortality Based on Emergency Medical Services-Recorded Criteria from the 2011 Centers for Disease Control and Prevention Guidelines for Field Triage of Injured Patients
Antonio Fernandez, PhD, NRP, ESO

Toxicology/ Pharmacology/Social Determinants of Health Room 154

#67 Risk Based Assessment of the Opioid Crisis in Philadelphia, Pennsylvania Utilizing Global Information Systems (GIS) as a Template for Public Health Reform
Julian Ford, OMS-III, Philadelphia College of Osteopathic Medicine

#68 High First Dose Buprenorphine to Accelerate Induction in Emergency Department Opioid Use Disorder Patients
Andrew Herring, MD, Alameda Health System--Highland Hospital

#69 Initiation of an Emergency Department Buprenorphine Induction and Medication-Assisted Treatment Referral Program in the COVID-19 Pandemic
Daniel Lewandowski, MD, MS, Henry Ford Hospital

#70 Improving Access to Naloxone and Opioid Resources through the Emergency Department
Jacob Steenblik, DNP, MPH, MHA, University of Utah

#71 Adulteration of Illicit Drugs in ED Patients with Acute Opioid Overdose: A Multicenter Cohort
Michael Levine, MD, University of California, Los Angeles

#72 Orally Dissolving, Thin Film Dexmedetomidine (BXCL501) Demonstrates Significant Reduction in Agitation Across a Range of Agitation Severity in Patients with Schizophrenia and Bipolar Disorder
Scott Zeller, MD, Vituity

Wilderness Medicine/ EMS Room 157

#74 Patient Perceptions of Drive Through Medical Treatment Facilities during the COVID-19 Pandemic
Sally Mandichak, Naval Medical Center Portsmouth

#75 Impact of lighting conditions of procedural competence with emergency cricothyrotomy
Christopher Treager, MD, Naval Medical Center Portsmouth

#76 Most Rattlesnake Envenomation Patients Receive Multiple Doses of Antivenom
Eric Lavonas, MD, MS, Rocky Mountain Poison and Drug Safety

#77 Using Mobile Integrated Health and Telehealth to Support Transitions of Care among Heart Failure Patients: Mighty Heart Study Protocol
Brock Daniels, MD, MPH, Weill Cornell Medicine

#78 Physiologic Monitoring For Central Nervous System Oxygen Toxicity In Working Divers
M. Ellis, MD, MPH, Duke University Hospital

4:30-6 p.m.

Medical Student and Resident Award Competition Room 157

#3 The Updated NYC EMS Acute Stroke Triage Protocol Reduces Interfacility Transfers and Time to Endovascular Thrombectomy for Large Vessel Occlusion Patients
Jacob Morey, MBA, Icahn School of Medicine at Mount Sinai

#115 Estimating the public health impact of sudden cardiac arrest in the United States
Ryan Coute, DO, University of Alabama at Birmingham

#117 Trends in High-Intensity Billing and Visit Complexity of Treat-and-Release ED Visits in the US, 2006-2018
Alexander Janke, MD, Yale School of Medicine

#118 Auscultatory Mapping & Chaotic Reconstruction of Cardiovascular Fluid Dynamics Using Unmodified Cell Phone Recordings
John Dickens, University of Louisville School of Medicine, Department of Emergency Medicine

#119 Acute stroke, thrombolytics and litigation: reasons physicians get sued
Bryan Kwon, Brown University

#122 Haloperidol Plus Lorazepam Versus Droperidol Plus Midazolam for the Treatment of Acute Agitation in the Emergency Department
Jessica Javed, MD, University of Louisville

TUESDAY

10-11 a.m.

Infectious Diseases Room 152

#79 Specific Bacteremia Cut Off and Elevated Procalcitonin associated with Bacteremia and in Hospital Mortality Regardless of Leukocytosis
Aaron Barksdale, MD, FACEP, University of Nebraska Medical Center

#80 Thromboelastic Profiles of Patients with Coronavirus (COVID-19) Pneumonia
Sean Stuart, DO, Naval Medical Center Portsmouth

#81 Metabolic syndrome is associated with worse outcomes in SARS-CoV-2 positive emergency department patients
Joby Thoppil, MD, PhD, UT Southwestern Medical Center

#82 The Oropharyngeal Microbiome Predicts Need for Respiratory Support Among COVID19 Patients
Evan Bradley, MD, PhD, University of Massachusetts Medical School

#83 Assessment of a cellular host response test as a sepsis diagnostic for patients presenting to the Emergency Department suspected of respiratory infections in the setting of a pandemic
Hollis O'Neal, Hollis O'Neal honeal@lsuhsc.edu, LSU Healthcare Network

#84 A Randomized Control Trial of a Multiplex Gastrointestinal PCR Panel versus Usual Testing to Assess Use of Antibiotics for Patients with Infectious Diarrhea in the Emergency Department (RAPID)
Andrew Meltzer, MD, George Washington University School of Medicine & Health Sciences

Quality Improvement/ Patient Safety Room 154

#85 Differences in Emergency Department Use Among Cancer Patients Who Have Used an Oncology Urgent Care Clinic
Anthony Nguyen, UT Southwestern Medical School

#86 Comparison of Mortality in Emergency Department Patients with Immediate versus Delayed Hypotension
Nardos Makonnen, MD, University of Virginia

#87 Emergency Radiology Overreads Change Management of Transferred Patients with Traumatic Injuries
Michael Vrablik, DO, University of Washington Department of Emergency Medicine

#88 PIECES: Performing Interviews With Clinicians Regarding Emergency Shared Decision-making A qualitative analysis of clinicians' use of shared decision-making aids in the ED
Tausif Billah, MD, Icahn School of Medicine at Mount Sinai

#89 Frequency of intubation for acute stroke and associated outcomes among Medicare beneficiaries in the United States
Laura Burke, MD, MPH, Beth Israel Deaconess Medical Center/Harvard Medical School

#90 Potential to Improve Treatment Decision Time with the Early Sepsis Indicator, Monocyte Distribution Width, in Patients Presenting to the Emergency Department with Suspicion of Infection
Michael Benham, MD, Baylor Scott & White Medical Center - Temple

Social Determinants of Health Room 157

#91 Access To Care For Emergency Care Sensitive Conditions In Brazil: A Geographic Information System Approach
Julia Isaacson, BA, Duke University School of Medicine

#92 High Touch, High Trust- Addressing ED High Utilizers through Community Health Advocates and Legal Experts
Kalpna Narayan, MD, MSc, MSHP, Brigham and Women's Hospital

#93 EMF Understanding the relationship between the ED built environment and physician burnout through high fidelity virtual reality modeling
Jason Fields, MD, FACEP, Thomas Jefferson University

#94 EMF COVID-19

Infection Experiences And Social Determinants Of Health In North Carolina - A Qualitative Analysis
Justine Seidenfeld, MD, Duke University School of Medicine

#95 Assessment of social determinants of health and linkage to care within the UMass Memorial Medical Center emergency department
Payal Modi, MD, MSc, University of Massachusetts Medical School

#96 Promoting Goal-Concordant Care in the Emergency Department: A Quality Improvement Initiative that Promotes Adherence with prior Do Not Attempt Resuscitation Orders
Anthony Loffredo, MD, MHDS, FACEP, Cedars-Sinai Medical Center

11 a.m.-Noon

Cardiovascular (ACS and non-ACS)

Room 152

RF18 Abstract Session: Cardiovascular (ACS and non-ACS)
Ziad Faramand, MD, MSc, University of Pittsburgh Medical Center

#97 Evaluation Of Provider Assessment Of Clinical History When Using The HEART Score
Ravindra Gopaul, MD, MPH, MBA, Penn State Milton S. Eshesky Medical Center

#98 HEART, EDACS, and TIMI: Little value after high-sensitivity troponin testing.
W Frank Peacock, MD, FACEP, FACC, FESC, Baylor College of Medicine



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.

#99 Major adverse cardiac events associated with standard testing in evaluation of low risk chest pain patients: systematic review and meta-analysis
Prayag Mehta, MD, UT Southwestern Medical Center

#100 Two Thirds of Patients with Acute Coronary Syndrome in High Risk Chest Pain Have a Negative First Conventional Troponin
Ziad Faramand, MD, MSc, University of Pittsburgh Medical Center

#101 EMF Clinical Factors Associated with Significant Coronary Lesions Following Out-of-Hospital Cardiac Arrest
David Helfer, BS, Perelman School of Medicine, University of Pennsylvania

#102 Detection of Acute Coronary Syndrome by Magnetocardiography
Sharon Mace, MD, Cleveland Clinic

Telemedicine/Informatics

Room 154

#104 Barriers and facilitators to implementation of a regional disaster teleconsultation system for New England hospitals and emergency departments
Tehnaz Boyle, MD, PhD, Boston Medical Center

#105 Piloting a Novel Medical Student Virtual Discharge Counseling Process in the Time of COVID
Yue Jay Lin, MD, NYU Langone Health

#106 Usage of Pediatric Telehealth by U.S. Emergency Departments in 2019
Krislyn Boggs, MPH, Massachusetts General Hospital

#107 Real-Time Computer Vision TTE Analytics using Existing Ultrasound Workflows
Dev Dash, MD, MPH, Stanford University

#108 ED Crowding Resulting from a Local Health System Cyberattack
Vaishal Tolia, MD, University of California, San Diego

Trauma

Room 157

#109 Novel Weapons Employed during Recent Civil Disturbances in Washington, DC
Elise Milani, MD, George Washington University School of Medicine

#110 Incidental Radiology Findings on Computed Tomography Studies in Emergency Department Patients: A Systematic Review and Meta-Analysis
Christopher Evans, MD, MPH, University of North Carolina at Chapel Hill

#111 Safe Gun Storage and Risk of Pediatric Firearm Suicide
Kaitlin Keenan, DO, Cohen Children's Medical Center - Northwell Health

#112 A Geographical Analysis of Access to Trauma Care From U.S. National Parks in 2018
Sabrina Robichaud, MS, Massachusetts General Hospital

#113 Not Another Mass Casualty: Using Simulation to Increase Physician Comfort With The Unique Challenges of Protest Medicine
Shilpa Kolli, MD, Jacobi Medical Center, Montefiore Medical Center, Albert Einstein College of Medicine

#114 Marine Activities Registry (MAR): Characteristics of Non-Motorized Ocean Sport Activities and Associated Injuries in San Diego, California
Christanne Coffey, MD, University of California San Diego Health

Noon-2 p.m.

EMF Grantee and Awards Showcase

Room 157

Presentation by 2021 ACEP Outstanding Contribution in Research Award Winner
Ahamed H. Idris, MD, FACEP

A Geriatric Assessment Program in the Emergency Department is Associated with Increased Discharge Rate and Decreased Hospital Length of Stay
Sarah Keene, MD, Beaumont Hospital - Royal Oak (2020 Research Forum Award Winner)

#115 EMF Estimating the public health impact of sudden cardiac arrest in the United States
Ryan Coute, DO, UAB School of Medicine, Department of Emergency Medicine

#116 EMF Association of Varying Care Coordination Strategies in the Emergency Department with Return Visits
Alina Denham, PhD, University of Rochester School of Medicine and Dentistry

#117 EMF Trends in High-Intensity Billing and Visit Complexity of Treat-and-Release ED Visits in the US, 2006-2018
Alexander Janke, MD, Yale School of Medicine

2-3 p.m.

***State-of-the-Art II: Palliative Care: "How" Is Now the Right Question**

Room 157

Emergency care research has an impact on every practicing emergency provider. In this course, we examine the ever-important "crossroads" between research and clinical practice. Experts in the field of emergency medicine will use experience and existing literature to forecast emergency medicine care of the future.
Chadd K. Kraus, DO, DrPH, FACEP, David Wang, MD, Rebecca Goett, MD, FACEP, FAAHPM

3-4 p.m.

Plenary Session II: New and Noteworthy

Room 157

#118 Auscultatory Mapping & Chaotic Reconstruction of Cardiovascular Fluid Dynamics Using Unmodified Cell Phone Recordings
John Dickens, University of Louisville School of Medicine, Department of Emergency Medicine

#119 Acute stroke, thrombolytics and litigation: reasons physicians get sued
Bryan Kwon, Brown University

#120 A rapid host-protein signature based on TRAIL, IP-10 and CRP permits accurate differentiation of bacterial and viral infection in febrile patients presenting to the Emergency Department (ED): Apollo sub-study
Richard Rothman, MD, PhD, Johns Hopkins University

#121 Embedding Palliative Consultants in the ED Creates Significant Value for Healthcare Systems
David Wang, MD, PhD, Scripps Health

#122 Haloperidol Plus Lorazepam Versus Droperidol Plus Midazolam for the Treatment of Acute Agitation in the Emergency Department
Jessica Javed, MD, PhD, University of Louisville

4-5 p.m.

Ultrasound


Room 152

#123 Deep-Learning Generated B-Line Score Mirrors Clinical Progression Of Disease For Patients Admitted With Shortness Of Breath Or Hypoxia
Cristiana Baloescu, MD, MPH, Yale University School of Medicine

#124 Comparison Of First-Pass Peripheral Intravenous Cannulation Using A Handheld Ultrasound Device To Using A Traditional High-End Ultrasound System: A Randomized Controlled Trial
Uday Gulati, DO, MS, Inspira Health Network

#125 Cardiac Parasternal long axis (PSLA) view in isolation: is it good enough to identify pericardial effusion, LV dysfunction and RV dilation?
Audrey Herbert, MD, Indiana University

#126 Making AI Lemonade out of Data Lemons: Adaptation of a Public Apical Window Echo Database for Creation of a Subcostal Automatic Visual Ejection Fraction Estimation Tool
Michael Blaivas, MD, MBA, University of South Carolina School of Medicine

 Refer to the ACEP mobile app for complete Research Forum details.

#127 Bubble Time: Assessing Right Ventricular Function with Point of Care Ultrasonography Using Saline Flushes
Ajay Puri, MD, NSUH

#128 Assessing Renal Resistive Index as a Predictor of Acute Kidney Injury in Patients with Sepsis
Jonathan Haverly, DO, NSUH

Administrative/Practice Management Room 154

#129 Anti-Racism Culture and Attitudes Across the Emergency Department: The Need for Widespread Education
Hannah Barber-Doucet, MD, MPH, Alpert Medical School, Brown University

#130 The Team is Not Okay: Multidisciplinary Violence in Emergency Departments across a Health System
Sarayna McGuire, MD, Mayo Clinic

#131 Staff Perception of Preparedness to Handle Workplace Violence in Emergency Departments across a Health System
Sarayna McGuire, MD, Mayo Clinic

#132 Faculty Procedural Skills in Academic Emergency Medicine: A Multisite Survey
Nick Pokrajac, MD, Stanford University

#133 Quantitative Assessment of the impact of a Triage Physician on ACGME Resident Milestones in the Emergency Department
Duncan Grossman, DO, Maimonides Medical Center

#134 A Code Staff Assist for Acutely Agitated Patients Reduces the Incidence of Patient and Staff Safety Events
Bianca Judy Choe, DO, UCLA Health, Department of Emergency Medicine

Diagnostics Room 157

#136 Spin Cycle: Diagnosis and Treatment of Vertigo in the Emergency Department Setting
David Burkard, MD, Spectrum Health - Michigan State University Emergency Medicine Residency Program, Grand Rapids, MI

#137 Multi-Center Analysis of Point-of-Care Ultrasound in the Diagnosis of Small Bowel Obstruction and Prediction of Surgical Intervention
Katherine Dickerson, MD, PhD, Harvard Affiliated Emergency Medicine Residency, Harvard Medical School

#138 Deep Learning Tool for Automatic B-Line Detection and Localization in Lung Point-of-Care Ultrasound
Nicole Duggan, MD, Harvard Affiliated Emergency Medicine Residency Program

#139 Creating an Automated Artificial Intelligence Left Ventricular Ejection Fraction Estimator for Parasternal Long Axis Scans from Unrelated Apical Window Echo Videos
Michael Blaivas, MD, MBA, University of South Carolina School of Medicine

#140 Patient Performed Thoracic Lung Ultrasound
Kathleen McFadden, MD, Massachusetts General Hospital

WEDNESDAY

9-10 a.m.

Public Health/Injury Prevention Room 152

#141 Effectiveness of De-escalation Training in the Emergency Department
Molly Hartley, BS, Penn State College of Medicine

#143 EMF Acute and Recurrent Firearm Injury Rates Among Patients Presenting to St. Louis Level I Trauma Hospitals from 2010-2019
Kristen Mueller, MD, Washington University in St. Louis School of Medicine

#144 Should teachers carry guns in schools? An Emergency Department survey of parents' opinion and potential solutions
Kirsten Morrissey, MD, Albany Medical Center, New York

#145 Characteristics and Three-Month Outcomes of Individuals Presenting to the Emergency Department after Physical Assault
Christopher Jones, MD, Department of Emergency Medicine, Cooper Medical School of Rowan University

#146 Impact of Implementation of a New Weapons Screening at an Urban Emergency Department
Gary Vilke, MD, University of California, San Diego

Wellness/Wellbeing Room 154

#147 An Exploratory Study Investigating the Use of a Resident-Driven Virtual Webinar Series for Residency Program Recruitment
Sabena Vaswani, MD, Maimonides Medical Center

#148 Typing speed and accuracy as neurocognitive measures of emergency medicine resident physician fatigue
Fady Ghattas, MD, St. Luke's University Hospital

#149 Examining the Relationship Between Markers of Emergency Department Crowding and Physician Wellbeing
Christine Hein, MD, Maine Medical Center

#150 Do residents on duty have access to healthy food options?
Pankti Thakkar, MD, Cook County Health

#151 Analyzing Sleep By Shift Recorded On Fitbit Devices Worn By Emergency Medicine Residents
John Hafycz, MD, St. Luke's University Health Network Bethlehem

#152 Resident and Faculty Views About the Future of the Emergency Medicine Specialty
Veronica Mekaeil, DO, Morristown Medical Center

Simulation/Education Room 157

#153 Impact of Quality Improvement Curriculum on Intensive Care Unit Upgrades by Resident Physicians
Seth Bohman, UT Southwestern Medical Center

#154 Getting Down to Business: The Creation and Implementation of a Novel Business Curriculum for Emergency Medicine Residents
Nicholas Stark, MD, MBA, University of California San Francisco

#156 An Innovative Virtual ECG curriculum to Address Clinical Experience Gaps in Fourth-Year Medical Students Due to COVID-19
David Shang, MD, Maimonides Medical Center

#158 TraffickED and TraumatizED: The effectiveness of a human trafficking seminar in building confidence in trauma-informed care
Nupur Shah, DO, Rush University Medical Center

9-11 a.m.

*Editor's Pearls – Tips to Get Your Paper through Peer Review Room 159

In this session, editors from both *Annals of Emergency Medicine* and *JACEP Open* will go over tips and tricks on getting your manuscript through peer review.

Tyler W. Barrett, MD, MSCI, FACEP, FHRS ; Richelle J. Cooper, MD, MSHS, FACEP ; Marna Rayl Greenberg, DO, MPH, FACEP; Chadd K. Kraus, DO, DrPH, FACEP; Anthony Lagina, MD, FACEP

10-11 a.m.

Disaster Medicine/EMS Room 152

#159 Modified Early Warning Score (MEWS)-Enhanced Emergency Department Flow Process
Megan Greenberg, BS, Lehigh Valley Hospital and Health Network/USF Morsani College of Medicine

#160 Home Pulse Oximetry Monitoring for Patients with Suspected COVID-19: A Pilot Assessment of Patient Engagement and Compliance
Youssef Annous, MD, University of Maryland School of Medicine

#162 Regional Emergency Department Census Impacts During a Cyber Attack
Christian Dameff, MD, MS, University of California San Diego

#163 Study Design Influences Effect Size: Systematic Review & Meta-Analysis of Mobile Integrated Health Community Paramedicine Programs' Effect on ED Visits
Tucker Lurie, MD, University of Maryland School of Medicine

#164 Correlation of prehospital Los Angeles Motor Score to hospital stroke severity as measured by the National Institutes of Stroke Scale
Triok Stead, Trinity Preparatory School

Geriatrics/Palliative Room 154

#165 What Matters' in the ED: older adults' desires and clinicians' beliefs
Cameron Gettel, MD, Yale School of Medicine

#167 The PEAGE Study: Patient Experience After Geriatric Evaluation
Rebecca Fisher, MD, Beaumont Health System

#169 Increased Physical and Occupational Therapy Evaluations in Emergency Department Observation Unit Geriatric Patients After Implementation of a Quality Improvement Tool Does Not Impact Length of Stay
Leah Joyner, MD, Ascension St. John Hospital

#170 Emergency Department Chief Complaints among Older Adults with and without Alzheimer's Disease or Related Dementias in years before and after diagnosis
Matthew Augustine, MD, MS, Icahn School of Medicine at Mount Sinai

Health Care Policy/ Health Service Research Room 157

#171 The future of value-based emergency care: development of a framework for emergency medicine performance-based payment
Cameron Gettel, MD, Yale School of Medicine

#172 A Granular View of Emergency Department Length of Stay: Improving Predictive Power and Extracting Actionable Insights
Maureen Canelas, MD, MBA, University of Massachusetts Department of Emergency Medicine

#173 Predicted Impact of an Emergency Department Influenza Vaccine Program
Erin Simon, DO, Cleveland Clinic Akron General

#174 Modeling the Value of an Emergency Department Influenza Vaccination Program
Stephen Sayles, DO, Cleveland Clinic Akron General

#175 A National Study of Barriers and Facilitators of Expedited Partner Therapy Use in Emergency Departments: A Qualitative Study
Rachel Solnick, MD, MSc, University of Michigan, Michigan Medicine, Department of Emergency Medicine

#176 Emergency Department Visits for Low-Acuity Conditions and Primary Care: Substitutes or Complements in Medicaid?
Alina Denham, PhD, University of Rochester

11 a.m.-Noon

Late-Breaking/Basic Science Room 152

#179 Association of CX3CR1 and Myeloid-derived Suppressor Cell with Survival of Sepsis Patients and Risk of Acute Respiratory Distress Syndrome
Li Li, Dr, Emergency Department of SunYet-sen Memorial Hospital of SunYet-sen University

#181 Impact of Extreme Temperatures on Hemostatic Gauzes Using Thromboelastography
Christopher Treager, MD, Naval Medical Center Portsmouth

#182 A Multi-center Randomized Trial of Capsule Endoscopy to Reduce Admissions in ED Patients with Low Risk Upper GI Bleed
Andrew Meltzer, MD, MS, George Washington University School of Medicine and Health Sciences

#300 Mortality Impact of Physician Supervision on Non-Physician Clinician Care in a Rural Ugandan Emergency Department
Rebecca Leff, MD, School of Medicine, Faculty of Health Sciences, Ben-Gurion University of the Negev

Education Room 154

#183 Preliminary Results of Assessing Cognitive Load During Procedure Training
Safinaz Alshikh, MD, George Washington University

#184 Understanding Emergency Medicine Residency Programs' Scholarly Activity Requirement Implementation - a Mixed Methods Approach
Ashley Pickering, MD, MPH, University of Maryland School of Medicine, Department of Emergency Medicine

#185 Impact of Virtual Simulation to Teach EMS Personnel Respiratory Failure Management During the COVID-19 Pandemic
Keegan McNally, MD, University of Central Florida College of Medicine/HCA

#186 Low frequency, high complexity: skill retention following proficiency-based transesophageal echocardiography simulation training
Eryo Ablordeppay, MD, MPH, Washington University

#187 An Assessment of a Diversity, Inclusion, and Racial Equity Curriculum in Emergency Medicine Residency Training
Vinodinee Dissanayake, MD, MPH, Rush University Medical Center

#188 Implementation of a Telemedicine Student Clinic
Matthew Lyon, MD, Augusta University

Trauma/Surgery Room 157

#189 Anterior Ankle Surface Pressures in Lower Extremity Splints – Minimizing Insult After Injury
Kristopher Mell, BS, University of Michigan Medical School

#190 Rapid Trauma Evaluation
Bahareh Aslani-Amoli, MD, INOVA Fairfax Hospital

#191 Comparing Cost, Risk Factors, and Rates of Return in Immediate versus Delayed Cholecystectomy for Emergency Department patients with Biliary Colic using Statewide Linked Datasets
Michael Makutonin, BS, George Washington University School of Medicine and Health Sciences

#192 Non-obstetric Vulvovaginal Lacerations: Evaluation and Emergency Management
Meredith Busman, Spectrum Health - Michigan State University Emergency Medicine Residency Program

#193 NEXUS Criteria are Neither Sensitive Nor Specific for Cervical Spine Injury in Geriatric Falls
Kathleen McMahon, DO, St. Luke's University Health Network

#194 Challenging the dogma of radiographs a joint above and below a suspected fracture: Quantification of waste in wrist fracture evaluation
Michael Rozum, MD, University of Texas Southwestern Medical Center

Noon-1 p.m.

*State-of-the-Art III: Emergency Medicine Geriatric Research Room 157

Geriatric emergencies impacts every practicing emergency provider. In this State of the Art, we will examine three recent Geriatric Emergency care Applied Research network (GEAR) projects intended to improve the process and outcomes of care for an aging society by setting research priorities across a range of relevant stakeholders.
Christopher Carpenter, MD, MSc; Elizabeth Goldberg, MD, ScM; Ula Hwang, MD, MPH; Claire Pearson, MD, MPH, FACEP

1-2 p.m.

Plenary Session III: Practice Changing Emergency Research Room 157

#196 The Impact of Covid-19 on the Specificity of D-Dimer for Pulmonary Embolism
Samuel Elberts, MD, Thomas Jefferson University Hospital

#197 Emergency Medicine Development Around the World: An Analysis of 2019 American College of Emergency Physicians (ACEP) International Ambassador Country Reports
Michaela Banks MD, MBA, Louisiana State University Health Sciences Center

#198 Neuropsychiatric Effects of Cannabis Toxicity in the Emergency Department: A Community-based Study
Erin Leach, MS, Department of Emergency Medicine, Spectrum Health Hospitals

#199 Extended-Release Injectable Buprenorphine for Emergency Department Patients with Opioid Use Disorder in Minimal Withdrawal
Gail D'Onofrio, MD, MS, Yale University School of Medicine

2-3 p.m.

Resuscitation/Critical Care/Cardiology Room 152

#200 Gender Bias Influences Attending's Asked to Interpret EKGs in the Emergency Department
Sina Kazemzadeh, The Brody School of Medicine at East Carolina University

#201 Effect of Gender, Race, and Ethnicity on Duration of Resuscitative Efforts following OHCA
Nathan Finch, MD, University of California at San Diego

#202 All Initial High Sensitivity Cardiac Troponin I Values are Prognostic For 28 Day Survival In Coronavirus-19 Disease Patients
Richard Nowak, MD, Henry Ford Health System

#203 An Ensemble Learning Approach to Predict Non-ST-segment Elevation Myocardial Infarction in Patients with Clinical Concerns for Acute Coronary Syndrome
Joseph Miller, MD, MSc, Henry Ford Hospital

#204 A Higher Initial VExUS Score is Associated with Inferior Outcomes in Septic Emergency Department Patients
Justin Zhao, MD, Northwell Health

#205 Arterial Doppler Ultrasound to Improve Detection of ROSC in Cardiac Arrest
Alex Nello, DO, NSUH


Public Health/Injury/ Illness Prevention Room 154

#206 Development and validation of a simple clinical prediction tool to identify individuals in the emergency department at high risk of posttraumatic stress disorder after motor vehicle collision
Samuel McLean, MD, MPH, Institute of Trauma Recovery, University of North Carolina at Chapel Hill

#207 Associations between alcohol use and adverse posttraumatic neuropsychiatric sequelae in the early aftermath of trauma
Franческа L Beaudoin, MD, PhD, Department of Emergency Medicine & Department of Health Services, Policy, and Practice, The Alpert Medical School of Brown University

#208 Alternatives to Opioids (ALTO) in the Emergency Department: The Henry Ford Health System Experience
Katherine Joyce, MD, MPH, Henry Ford Hospital

#209 Seroprevalence of anti-SARS CoV-2 Nucleocapsid IgG in a Cohort of Healthcare Workers Over Nine Months
Brian Tiffany, MD, PhD, Dignity Health Research Institute Arizona/ Dignity Health Arizona General Hospital

 Refer to the ACEP mobile app for complete Research Forum details.

Pain Management Room 157

#212 Rethinking Ondansetron as a First Line Agent for Nausea and Vomiting in the Setting of Abdominal Pain and Headache in the Emergency Department

Phi Din, DO, Department of Emergency Medicine, Truman Medical Center/UMKC School of Medicine, Kansas City, MO

#213 Evaluation of A Multidisciplinary Electronic Discharge Medication Prescribing Process In An Academic Center's Emergency Department

Brett Young, PharmD, Nebraska Medicine

#214 Preliminary Results From An Emergency Department Pain Coach Service And Discharge Toolkit Pilot Project During COVID-19

Phyllis Hendry, MD, FAAP, FACEP, University of Florida College of Medicine - Jacksonville

#215 Emergency Department Acupuncture for Acute Musculoskeletal Pain Management

Stephanie Eucker, MD, PhD, Duke University

#216 EMF Variability in Instructions and Prescriptions Upon Discharge from an Emergency Department after Bullet Related Injury

Jane Hayes, BA, Washington University School of Medicine in St. Louis

#217 Establishing an Ultrasound-Guided Regional Anesthesia Training Curriculum for Emergency Physicians

Carrie D. Walsh, MD, Harvard Affiliated Emergency Medicine Residency Program

3-4 p.m.

Addiction Medicine Room 152

#218 Online social listening surveillance for earlier insights about loperamide abuse/misuse, 2015-2021

Mike Tringale, MSM, MSc, Consumer Healthcare Products Association (CHPA)

#219 A Non-Inferiority Trial of Peer Recovery Coaches for Screening, Brief Intervention and Referral to Treatment for Substance Use Disorders via In-Person versus Telehealth Interviews

Bethel Berhane, BS, University Of Maryland, Capital Region Health

#220 An Exploratory Study of Medical Students' Knowledge, Attitudes, and Perceptions of Treating Patients with Addiction

Magda Schmitzberger, MPH, University of Florida College of Medicine

#221 Changes in Emergency Department visits for Opioid-Related Diagnosis, Opioid Overdose and Buprenorphine Use across 14 US Emergency Departments During the SARS-CoV-2 Pandemic

Kathryn Hawk, MD, MHS, Yale University

#222 Preliminary Results of PAMI-ED ALT: An Emergency Department Opioid-Alternatives Program

Sophia Sheikh, MD, University of Florida College of Medicine-Jacksonville

#223 The Impact of a Community Tour on Incoming Residents During Orientation at an Inner-City Hospital

Kamil Lupicki, MD, Lincoln Medical Center

Diversity, Sex & Race Room 154

#224 Gender Coding in Job Advertisements for Academic, Non-academic, and Leadership Positions in Emergency Medicine

Kelly O'Brien, MD, St. Luke's University Health Network

#225 Advancing Representation in Emergency Medicine: A Large-Scale Virtual National Diversity Mentoring Initiative

Al'ai Alvarez, MD, FACEP, FAAEM, Stanford University

#226 Patient sex and race as independent predictors of HEART score documentation by emergency medicine providers

Erica Dunn, DO, St. Luke's University Health Network

#227 Gender Coding in Physician Job Advertisements and Sex Disparities in Medical and Surgical Fields

Kelly O'Brien, MD, St. Luke's University Health Network

#228 Sex and Racial Visual Representation in Emergency Medicine Textbooks: A Call to Action to Dismantle the Hidden Curriculum against Diversity in Medicine

Annahieta Kalantari, DO, FACEP, FACOEP, FAAEM, Penn State Health Milton S Hershey Medical Center

#229 Women have higher ICH scores than men at initial ED presentation for intracerebral hemorrhage

Masra Shameem, MD, Zucker School of Medicine at Hofstra/Northwell

Pain Management Room 157

#230 Ultrasound-Guided Serratus Anterior Plane Block (SAPB) Improves Pain Control in Patients with Rib Fractures

Randy Kring, MD, Maine Medical Center

#231 The tolerability and effectiveness of duloxetine for the prevention of persistent musculoskeletal pain after trauma and injury: A pilot three-group randomized controlled trial

Weston DeLomba, Rhode Island Hospital

#233 Utilization of Clinical Informatics to Transform Emergency Department Data into a Simplified Reporting System to Highlight Emergency Department Analgesic Prescribing Practices

Rubaiat Ahmed, MD, Maimonides Medical Center

#234 Epidemiology of Emergency Department Pediatric and Adolescent Opioid Use across the United States

Sasha Selby, MD, Department of Emergency Medicine, Mayo Clinic, Rochester, Minnesota, USA

#235 Embedding Quick Response (QR) Codes In Printed Discharge Instructions To Deliver Easily Accessible Multimedia Resources

Robert Shrake, MD, Department of Emergency Medicine, University of California San Diego

4-5 p.m.

*Prime Time Practice Changers: Highlights of the Research Forum Room 157

This course will focus on the highlights of the ACEP Research Forum. The speakers will discuss the high impactful and innovative research that was presented at this year's event in an entertaining and interactive forum.

Marna Rayl Greenberg, DO, MPH, FACEP; Richard Gordon, MD, FACEP; Anthony Lagina, MD, FACEP; Michelle Lin, MD, MPH; Claire Pearson, MD, MPH, FACEP

THURSDAY

9-10 a.m.

Addiction Medicine Room 152

#236 Buprenorphine treatment persistence and healthcare expenditures: a retrospective claims study.

John McManus, MD, MCR, MBA, Augusta University

#237 Urine Toxicology Profiles of Adult Emergency Department Patients with Untreated Opioid Use Disorder: National Data from 26 Emergency Departments

Ethan Cowan, MD, MS, Icahn School of Medicine at Mount Sinai

#238 Antibiotic and Opioid Antitussive Prescribing Among Urgent Care and Emergency Department Visits for Respiratory Diagnoses

Marina Zakharevich, BS, Northwestern University Feinberg School of Medicine

#239 Evaluating the Role of Recovery Capital on Willingness to Enter Treatment for Emergency Department Patients with Opioid Use Disorders

Daniel Cho, Brown Alpert Medical School

#240 An Investigation into the Link between Naloxone and Pulmonary Edema

Kirstin E Acus, MD, Cleveland Clinic Akron General

#241 Are emergency department patients started on medications for opioid use disorder when admitted?

Charlotte Collins, MD, MUSC

Wellness Room 154

#243 Comparing Moods Amongst Emergency Medicine Residents Based on Shift Times and Rotation

Cameron Jacobs, DO, St. Luke's University Health Network Bethlehem

#244 Effect of Physician Burnout on Perception of Physician Empathy

Lukasz Cygan, DO, New York Presbyterian Brooklyn Methodist

#245 Fitbit Recorded Exercise and Activity in Emergency Medicine Residents

Veronica Petra, MD, SLUHN

#246 Comparing Caffeine Usage and Sleep Amongst Emergency Medicine Residents Based on Shift Times

John Hafycz, MD, St. Luke's University Health Network Bethlehem

Quality and Health Care Policy Room 157

#248 Analysis of Albuterol Prescriptions Written by Emergency Medical Providers for the Treatment of Pediatric Patients with Acute Asthma Exacerbation

Timothy Bright, MD, SUNY Upstate Medical University

#249 Quality of Care Associated with the Transition to Independent Non-Physician Clinician Care in a Low- and Middle-Income Country Emergency Department

Colleen Laurence, MD, MPH, Department of Emergency Medicine, University of Cincinnati

#250 Clinical Pharmacist Screening and Intervention on Penicillin Use in the Emergency Department Among Patients with a Stated History of Penicillin Allergy

Anita Clark, MD, South Shore University Hospital Northwell Health

#251 Effectiveness of Emergency Department Initiated Glycemic Control
Saleh Hasan, MD, AdventHealthEastOrlando

#253 Non-interruptive Clinical Decision Support Improves Ordering of Inhaled Corticosteroids for Asthma Exacerbations Discharged from Emergency Department
Rubayet Hossain, MD, The MetroHealth System

10-11 a.m.

Administration
Room 152

#254 How Do Emergency Physicians Consider Cost in Comparison with Other Factors When Prescribing Medications to Patients Discharged from The Emergency Department?
Brent Lorenzen, MD, FACEP, Kaiser San Diego/Southern California Permanente Medical Group

#255 Change in Emergency Department Visits From 2019 to 2020 by Age and Gender
Albert Zhou, MD, Morristown Medical Center, Atlantic Health System

#256 Improving Access to Clinical Guidelines: Focus on the End User
Jaskirat Dhanoa, MD, Department of Emergency Medicine, University of California San Francisco

#257 The Universe of Existing Measures of Emergency Physician and Emergency Department Performance: Results from a Scoping Review
Carl Berdahl, MD, MS, Cedars-Sinai Medical Center

#258 EMF Urgent Care Centers Deter Some Emergency Department Visits But, On Net, Increase Spending
Ari Friedman, MD, PhD, University of Pennsylvania

#259 Improving Emergency Medicine Order Effectiveness: A Comprehensive Revision of the "Quick List" Order Model
Calen Hart, Vanderbilt University Medical Center

Social Determinants of Health
Room 154

#260 EMF Racial & Ethnic Disparities in Access to Pediatric Trauma Centers in the US
Kendall Burdick, University of Massachusetts Medical School

#261 Social Determinants of Health Screening During COVID-19: A Comparison Between an Urban Academic Emergency Department Fast Track and Adult Primary Care Clinic
Haeyeon Hong, MD, Boston Medical Center

#262 An emergency department-based response to the hepatitis A outbreak in Michigan: improving hepatitis A vaccination rates in high-risk populations
Miriam Bukhsh, MD, Beaumont Hospital - Royal Oak

#263 Understanding EQUity in Crisis Standards of Care (the UNEQUAL Crisis Study)
Emily Cleveland Manchanda, MD, MPH, Boston Medical Center, Boston University School of Medicine

#264 Racial Inequities in Emergency Department Administration of Buprenorphine and Methadone Among Patients with Opioid Use Disorder
Karrin Wesienthal, MD, MHS, Boston Medical Center

#265 A multi-state study of racial disparities during the US COVID-19 pandemic: opportunities for prevention and intervention
Blake Hardin, St Mary Mercy Hospital, Livonia

Venous Thromboembolism
Room 157

#266 Gender differences among patients undergoing PERT Evaluation: The Role of Point of Care Echo
Rohin Singla, Thomas Jefferson University Hospital

#268 Impact of Concerning CT Imaging Findings on the Management and Outcomes of Acute Emergency Department Pulmonary Embolism with Low-Risk Stratification Scores
Connor O'Hare, MD, University of Michigan

#271 Limitations of Pulmonary Embolism Risk Stratification Guides: Patients May Be Sicker Than They Appear
Daren Beam, MD, MS, Indiana University School of Medicine

11 a.m.-Noon

Pediatrics
Room 152

#274 Characteristics of Intracranial Injury in Pediatric Patients in the National Emergency X-Radiography Utilization Study
Thomas Akie, MD, PhD, UCLA Department of Emergency Medicine, Ronald Reagan UCLA Medical Center

#275 Association of Nucleated Red Blood Cells with Outcomes for Children in the Emergency Department
Addison Gearhart, MD, Boston Children's Hospital

#276 Emergency Department Visits for Pediatric Infectious Conditions Decrease After COVID-19
Nicky Amin, MD, Atlantic Health System

#277 The Utility of Holter Monitors in Pediatric Patients
Alaa Aldalati, MBBS, Mayo Clinic

Clinician's Treasure Chest
Room 154

#278 Nasal Foreign Body Removal: Success Rates for Techniques and Devices
Ayotunde Oluwatosin, MD, Spectrum Health - Michigan State University Emergency Medicine Residency Program

#279 Overdiagnosis of Urinary Tract Infections in the Emergency Department
Richard Childers, MD, UC San Diego Health

#280 Arterial Line versus Noninvasive Blood Pressure Monitoring in Hypertensive Emergencies
Dominique Gelmann, BS, University of Maryland School of Medicine

#281 The impact of documenting patient weight in kilograms on pediatric medication dosing errors in Emergency Medical Services
Caleb Ward, MD, BChir, MPH, Children's National Hospital

#282 Efficacy of Performing Erector Spinae Planar and Serratus Anterior Planar Blocks for Rib Fractures in the Emergency Department
Jacob Leedekerken, MD, MSE, Carolinas Medical Center

#283 Incidence of and patient characteristics associated with potential delays in diagnosis of spinal epidural abscess
Sarabeth Macie, MD, Stanford Hospital and Clinics

Psychiatry/Telemedicine/Global Health
Room 157

#285 National Survey Of Emergency Physicians: Motivations, Barriers, And Capabilities For Telehealth Delivery Of Emergency Care Services
Kevin Biese, MD, MAT, UNC School of Medicine

#286 Effect of the COVID-19 Pandemic on ED Adult Psychiatric Visits
Crystal Bauman, MD, Morristown Medical Center

#288 Assessing the Performance of Clinical Diagnostic Models for Dehydration among Patients with Cholera and Undernutrition in Bangladesh
Monique Gainey, MS, MPH, Rhode Island Hospital

#289 Connecting Patients Diagnosed with HIV in the Emergency Department to Care During the COVID-19 Pandemic
Thomas Hagerman, MD, Henry Ford Hospital



Times and locations are subject to change as COVID continues to impact the in-person meeting. Please confirm with the mobile app for the most current information.



VIRTUAL EVENTS

OCT. 25-28 | 7 A.M.-4 P.M.

#12 A Double-Blinded Comparison of Low-Cost Ultrasound Media: A Simulation and In-Vivo Analysis
Heesun Choi, DO, Kingman Regional Medical Center

#21 Adjunctive Perampanel for Focal-Onset Seizures and Generalized Tonic-Clonic Seizures: Time to Seizure Onset in Phase III Studies
Manoj Malhotra, Eisai Inc., Woodcliff Lake, NJ, USA

#22 Sustained Seizure Freedom with Perampanel as Adjunctive Therapy or Monotherapy in Open-Label Extension (OLEx) Studies 307, 332, and 342
Manoj Malhotra, Eisai Inc., Woodcliff Lake, NJ, USA

#23 Prevalence of Covert Brain Infarction in Patients Undergoing Computed Tomography in the Emergency Department
Christopher Brown, MD

#37 The Impact of the Coronavirus (COVID-19) Pandemic on Access to Care and Basic Necessities of Emergency Department Patients with Opioid Use Disorders who are Linked to Treatment
Ilham Shamsie, MBBS, Rutgers New Jersey Medical School, Department of Emergency Medicine

Ilham Shamsie, MBBS, Rutgers New Jersey Medical School, Department of Emergency Medicine

#38 Risk factors of sepsis among patients with qSOFA_c in the emergency department.
Junichiro Shibata, Faculty of Medicine, The University of Tokyo

#40 Trajectories of Vital Signs and Risk of Cardiac Arrest in the Emergency Department
Chu-Lin Tsai, National Taiwan University Hospital

#44 A Mixed-Methods Audit Program to Improve Data Quality within a Global Health Trauma Outcomes Research Study
Chelsea Dymond, MD, Denver Health Medical Center

#48 Health Beliefs Regarding Social Determinants of Health Screening in the Emergency Department
John Purakal, MD, Duke University School of Medicine

#56 Modified Diagnostic Strategy for Suspected Pulmonary Embolism: a cluster crossover noninferiority European trial.
Yonathan Freund, MD, Hôpital Pitié-Salpêtrière

#61 Gestalt in Acute Trauma: Evaluating clinician accuracy in predicting abdominal injuries among trauma patients
Nicole Rodriguez, MS, University of California, San Francisco

#64 Characteristics of femoral fractures and accompanied fall-related injuries
Ryo Ishizawa, Department of Emergency and Critical Care Medicine, National Hospital Organization Tokyo Medical Center

#94 EMF COVID-19 Infection Experiences And Social Determinants Of Health In North Carolina - A Qualitative Analysis
John Purakal, MD, MS, Duke University School of Medicine

#103 Providing Post Emergency Care (ProPER Care) Virtually
Christina Vito, MD, Virginia Commonwealth University

#135 Acceptance and barriers of AI-based decision support systems in emergency departments: a quantitative and qualitative evaluation
Ryo Fujimori, Faculty of Medicine, The University of Tokyo

#142 Assessing healthcare provider knowledge of human trafficking.
Nicole McAmis, MD, Stanford University

#155 Procedural Skill Maintenance: Perspectives and Motivations of Pediatric Emergency Medicine Faculty
Margaret Lin-Martore, MD, University of California, San Francisco (UCSF)

#161 Community Based Prehospital Care Project: Providing a Low-Barrier-to-Access Care Model for Those Experiencing Homelessness in an Urban Environment
John Hansen, MD, Maine Medical Center

#168 Advanced Age as a Risk Factor for Acute Mountain Sickness
Elan Small, MD, Department of Emergency Medicine, Stanford University School of Medicine

#177 Aerosol delivery evaluation of a vibrating mesh nebulizer and a jet nebulizer during breath actuated and continuous nebulization modes in spontaneously breathing adult and pediatric models
Patricia Dailey, MSc, RRT, Aerogen Ltd.

#178 Safety Comparison of Antibiotics Administered via Intravenous Push versus Intravenous Piggyback to Adult Patients in the Emergency Department
Jason David, MD, Kirk Kerkorian School of Medicine at UNLV

#180 Disparities in distribution of PulsePoint responders and potential impacts on pandemic response in underserved communities of Allegheny County
Chinweoke Osigwe, BA, University of Pittsburgh School of Medicine

#195 Nebulized Ketamine at 3 Different Dosing Regimens for Painful Conditions in the Emergency Department
Ashley Davis, MD, Maimonides Medical Center

#210 Assessment of Emergency Department Health Care Providers' Readiness for Intimate Partner Violence Screening and Correlation with Cultural Competence
Katherine Lutz, MSN, RN, CEN, The University of North Carolina at Chapel Hill School of Nursing

#232 A Randomized Controlled Trial on Virtual Reality Use as a Distraction Technique for Orthopedic Injuries Requiring Sedation
Ashley Bedner, DO, Arnold Palmer Hospital for Children

#247 Identifying Factors that Contribute to Joy and Gratitude for Emergency Medicine Healthcare Workers Amidst the COVID-19 Pandemic
Healthier Kelker, Indiana University School of Medicine

#252 Utilization of Intermediate Care Technicians to Administer Geriatric Emergency Department Patient Screenings
Zahir Basrai, MD, VA Greater Los Angeles Healthcare System

#267 Development and Validation of a Prognostic Tool: Pulmonary Embolism Short-term Clinical Outcomes Risk Estimation (PE-SCORE)
Jaron Raper, MD, Department of Emergency Medicine, University of Alabama at Birmingham

#269 Added Prognostic Value of Right Ventricular Dysfunction Assessments
Alyssa Thomas, MD, MPH, Department of Emergency Medicine, Carolinas Medical Center

#270 Echocardiography Predictors of Acute Clinical Deterioration After Pulmonary Embolism
Denise Nicole Fraga, MD, MPA, Carolinas Medical Center

#272 Fractures in Young Children: Abuse or Accident? There's An App For That
Anna Smith, MD, Ann & Robert H. Lurie Children's Hospital of Chicago

#287 Association between comorbid mental illness and preceding emergency department visits in unplanned admissions
Ayako Okuma, MD, MSc, Yowa Hospital

#291 Utility Of Measuring Serum Creatinine To Detect Renal Compromise In ED Patients Receiving IV Contrast-Enhanced CT Scan
Kevin Molyneaux, MD, Mount Sinai Medical Center

#293 Barriers in Telephone CPR Instruction by 911 Dispatchers for Out of Hospital Cardiac Arrest Before and During the COVID-19 Pandemic
Eric Arnold, University of Southern California

#294 Medical student opinions about clinical education policies during the COVID-19 pandemic.
Ian Smith, MD, BS, St. Luke's University Hospital

#295 Positive Cognition Screening a Geriatric Emergency Department
Allyson Kreshak, MD, University of California, San Diego

#296 A Bayesian Approach to Predicting Outcomes During the Initial COVID-19 Outbreak
Jacob Nelson, BA, University of Michigan Medical School

#297 Emergency visit trends for pediatric anaphylaxis in southeast Michigan
Paul M Patek, MD, Beaumont Department of Pediatric Emergency Medicine

#298 Factors Associated with Provider Shift Experience in an Academic Pediatric Emergency Department: A Novel Shift Satisfaction Score
Brooke Alexandra Senken, Indiana University School of Medicine

#299 The Diagnostic Value of D-dimer Levels for the Exclusion of Aortic Dissection
Mani Hashemi, MD, Kendall Regional Medical Center

#301 Understanding emergency medical services provider comfort and education in caring for pediatric patients
Samuel Wing, MS, Boston University School of Medicine

#303 The interrater reliability of venous excess ultrasound score by emergency physicians
Nicholas Bielawa, Northwell Health

#304 Lack of Early Left Ventricular Outflow Tract Velocity Time Integral Estimated Volume Responsiveness is Associated with Increased Morbidity and Mortality
Donald Pettet, Northwell Health

#305 The Frequency of Point-of-Care Ultrasound Use in the Treatment of Sepsis in the Emergency Department: A Retrospective Cohort Study
M. Bryan Dalla Betta, MD, Kaiser Permanente San Diego

#306 EMF Defining the learning curve for first trimester ultrasound image interpretation skills for emergency physicians
Lori Stolz, MD, FACEP, University of Cincinnati

#307 The A to E (ABCDE) Pit Crew Model: A Novel Approach to Team Based Care of Critical Patients in the Prehospital Setting
Parth Patel, MD, University of Central Florida College of Medicine

#308 Implementation of an influenza vaccination program is a feasible and effective public health tool in the emergency department
Carolina Mendoza, MD, University of North Carolina School of Medicine

#309 Impact of Pharmacist-Led Stewardship Intervention on Appropriate Antibiotic Selection in the Emergency Department: A Systematic Review and Meta-analysis
Kirstin Kooda, PharmD, Mayo Clinic

#310 The Evaluation of the Emergency Department GoodRx Prescription Discount Card Distribution Program
Sabena Vaswani, MD, Maimonides Medical Center

#311 Pediatric emergency departments more accurately diagnose appendicitis using ultrasound
Lauren Van Woy, DO, Kaiser Permanente San Diego

#312 Compliance With Head Injury Imaging Guidelines for Adolescent Trauma Patients: Difference Between Adult and Pediatric Trauma Teams
Bergthor Jonsson, Mayo Clinic

#313 A Team-Based Learning Approach to Reimbursement and Billing Education for Emergency Medicine Residents
Anisha Rena Turner, Baylor College of Medicine

#314 Association between the shorter length of stay in emergency department and the use of propofol among patients required procedural sedation and analgesia.
Ayami Shigeno, MD, Tokyo Bay Urayasu Ichikawa Medical Center

#315 Does an elevated troponin really matter? An assessment of outcomes in patients presenting to the emerge with non-cardiac complaints
Kaitlin Endres, BSc, University of Ottawa

#316 Agents of Exposure in Transgender Patient Cases Managed by a Toxicologist: An Analysis of the Toxicology Investigator's Consortium (ToxIC) Registry
Olivia Hardy, BS, Lehigh Valley Health Network/University of South Florida Morsani College of Medicine, Lehigh Valley Campus, Allentown, PA

#317 Interprofessional Simulation Event Improved Learner Familiarity and Confidence With Emergency Medical Services
Joseph Lippert, MD, University of Nebraska Medical Center

#318 Virtual Open House: A Novel Community-Building Initiative in an Emergency Medicine Residency Program
Human Vongsachang, MD, MPH, Los Angeles County + University of Southern California

#319 Inter-rater Agreement and Reliability of the HEART Score History Sub-Section
Joshua Oliver, MD, Department of Emergency Medicine, Madigan Army Medical Center

#321 Low Fidelity In-Situ Field Simulations versus High Fidelity Center-Based Simulations: Paramedic Student Perspectives
Samuel Garcia, MD, Department of Emergency Medicine, Mayo Clinic College of Medicine and Science, Rochester, MN

#322 Novel Quality Assessment Methodology in Focused Cardiac Ultrasound
Adam Weltler, Virginia Commonwealth University Medical Center

#323 Risk Factors, Management Strategies, and Outcomes in Patients with Isolated Parafalcine or Tentorial Subdural Hematomas
Ashley E Wagle, DO, UPMC Hamot Department of Emergency Medicine

#324 Piloting of a Toolkit for Delirium Detection and Management at Four Emergency Departments
Emily Weaver, PhD, West Health

#325 The Role of Point of Care Ultrasound in the Diagnosis and Management of Shoulder Dislocation
Kyle Gronbeck, MD, University of Nebraska Medical Center

#326 Resident Attitudes Towards Performing Pelvic Exams in the Emergency Department
Deesha Sarma, MD, Beth Israel Deaconess Medical Center

 Refer to the ACEP mobile app for complete Research Forum details.

- #327** Development of a Violent Injury Predictive Risk Score for Adolescents
Benjamin Li, MD, Denver Health Medical Center
- #328** Time to Resident Signature Predicts Attending Completion of Ultrasound Documentation
Jennifer Mink, MD, ChristianaCare Health System
- #329** Patient Characteristics Associated with use of Emergency Department Self-Check-In Kiosks
Benjamin Slovis, MD MA, Department of Emergency Medicine, Office of Clinical Informatics, Thomas Jefferson University
- #330** Teaching Goals of Care to Medical Students through Conversation Games
James Liebow, MD, Rutgers New Jersey Medical School
- #331** Evaluation of Triage Screening for Influenza Vaccination Status in the Emergency Department
Erin Simon, DO, Cleveland Clinic Akron General
- #332** Point-of-Care Ultrasound Decreases Time to Intervention for Patients with Pericardial Effusions
Victoria Hoch, MD, University of Michigan
- #333** Emergency Medicine Residencies that Accept the COMLEX Are Different from Those That Do Not: A Cross-Sectional Analysis of EMRA Match
Dhimitri Nikolla, MD, Department of Emergency Medicine, St. Joseph Mercy Ann Arbor Hospital, University of Michigan Medical School, Ann Arbor, MI
- #334** Teachability of the Ultrasound-Guided Erector Spinae Plane Block to Emergency Physicians
Joshua Perese, MD, Loma Linda University Medical Center
- #335** Emergency Severity Index Triage Equivalency To Sort Assess Life Saving Interventions Treatment And Transport Disaster Triage
Bryan Wexler, MD, MPH, CHEC-III, WellSpan York Hospital
- #336** Pediatric Emergency Department Visits in US Hospitals Across 2019 and 2020
Dhruv Sharma, MS, American College of Emergency Physicians
- #337** Real World Implementation of Adult Brain Injury Guidelines (BIG) at a Level I Trauma Center
David Slattery, MD, UNLV School of Medicine Department of Emergency Medicine
- #338** Comparison of emergency department utilization & throughput between male and female patients: a retrospective cohort investigation
Ege Gungor Onal, Department of Bioengineering, University of Illinois at Urbana-Champaign, Urbana, Illinois, USA and Summer Foundations in Research Fellow, Mayo Clinic Graduate School of Biomedical Sciences, Mayo Clinic College of Medicine and Science, Rochester, Minnesota, USA
- #339** The Integrative Feedback Tool: Assessing a Novel Feedback Tool Among Emergency Medicine Residents
Katarzyna Gore, MD, FACEP, Rush University Medical Center
- #341** All Over the Road: A Systematic Review of Mobile Integrated Health, Community Paramedicine Programs
Srikar Adibhatla, University of Maryland School of Medicine
- #342** Pre-Hospital Ultrasound Quality Assurance
Christopher Harris, M.D., Baylor College of Medicine
- #343** Prospective Blinded Comparison of Diagnostic Accuracy and Speed of 2DUS and Low-Cost 3DUS in Simulated Obstetric and Gynecologic Cases
Jonathan Giuliano, Duke University School of Medicine
- #344** Qualitative Description of Synchronous Online Discussions During Weekly Academic Conference
Jeffery Hill, MD, MEd, University of Cincinnati
- #345** Delirium Prevention and Treatment in the Emergency Department (ED): A Systematic Review
Sangil Lee, MD, MS, The University of Iowa Carver College of Medicine
- #346** Mariner Self-Classification of Contact-Type with COVID-19 Index Case and Subsequent Infection on Ships
Adam Rutenberg, DO, MBA, George Washington University
- #347** The Effect of Electronic Assignment of Patients to Physicians in the Emergency Department on Operational Metrics
Brent Lorenzen, MD, FACEP, Kaiser San Diego/Southern California Permanente Medical Group
- #348** Undiagnosed Mental Health Issues are Common in Emergency Department Patients with Vague Presenting Complaints
Nathaniel East, BS, MS, Brody School of Medicine at East Carolina University
- #349** Utilization of an Antibiogram and a Pathway for Urinary Tract Infections in a Pediatric Emergency Department to Improve Empiric Antimicrobial Treatment: A Quality Improvement Project
Abigail Russ, DO, University of Arkansas for Medical Sciences/ Arkansas Children's Hospital
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