



Welcome To The 2020 NAEMT Faculty Meeting



Special Thanks to Our Sponsors





Welcome NAEMT Faculty!



**Rick Ellis, MSED, NRP,
CMSgt (USAF Retired)**
Chair, NAEMT Education
Committee

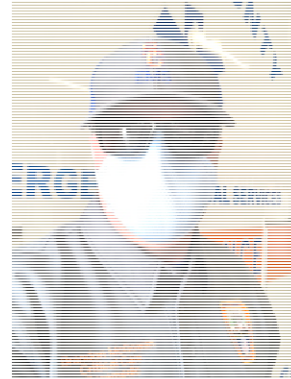


Welcome NAEMT Faculty!



2020 – The COVID-19 Global Pandemic

- Around the world, in large urban areas as well as small rural communities, EMS practitioners have been serving on the frontlines of the global war against the COVID-19 pandemic.
- This public health crisis is affecting every facet of our lives and has certainly impacted how we provide education to EMS practitioners and other prehospital providers.



2020 – The COVID-19 Global Pandemic

- We recognize the unprecedented challenges that you and your training centers have been contending with over the last several months.
- Our thoughts and prayers go out to those members of our faculty who are practicing paramedics, EMTs, physicians or nurses serving on the frontlines of this global pandemic, as well as to those of you whose livelihoods have been impacted.
- Let us have a moment of silence in honor of our colleagues who made the ultimate sacrifice for their patients during the pandemic.



NAEMT Faculty Leading the Way

- Despite these challenges, we are moving forward. NAEMT faculty leaders have continued to develop new and revised course materials, and support the establishment of new training centers and new faculty.
- Many of our training centers and faculty have implemented innovative approaches to ensure that their students receive complete continuing education covering cognitive, affective, and psychomotor domains.
- They have found cost-effective approaches to delivering this education in both high- and low-fidelity environments.



NAEMT Faculty Leading the Way

- They have adapted traditional classroom content for a virtual environment,
 - using virtual “breakout rooms” to build and reinforce students’ critical thinking skills,
 - incorporating safeguards into traditional classrooms (including the use of masks, gloves, and face shields) when conducting skills practice and patient simulations, and
 - using online tools to assist with proctoring exams.
- We applaud our tremendous faculty for their work to weather this storm and continue their commitment to provide high quality education to their EMS students!

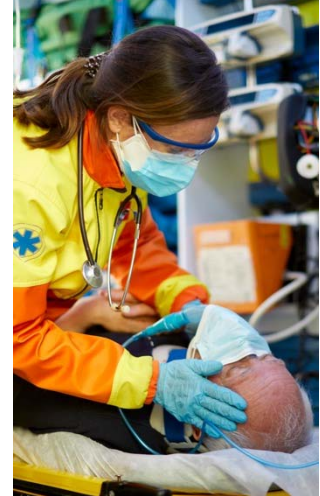


Introduction of NAEMT Education Leaders

These faculty leaders have been volunteering their time to:

- Develop new and revised course materials
- Recommend policies to help our training centers, faculty and students
- Train and monitor new instructors
- Help establish new NAEMT training centers

We are deeply grateful for their contributions.



Committee Members

- Rick Ellis, *Chair*
- Susan Bailey
- Karen Larsen
- Jeff Messerole
- Dave Page
- Cory Richter
- Jason Scheiderer
- Tim Scharer
- Macara Trusty
- Patrick Wick
- Keith Widmeier



Regional European Education Committee Members

Armin Reisinger	Austria	Jan Filippo	Netherlands
Xavier Losfeld	Belgium	Kjell Fremstad	Norway
Stephane Thomsin	Belgium	Michał Madeyski	Poland
Riana Constantinou, Vice-Chair	Cyprus	Javier Uriarte	Spain
Michael Moelmer	Denmark	Tomas Wetterling	Sweden
Bruno Goulesque	France	J.C. Pitteloud	Switzerland
Patrick Wick, Chair	France	Will Broughton	United Kingdom
Marco Koenig	Germany		
Panagiotis Koukopoulos	Greece		
Desmond Wade	Ireland		
Daniel Davern	Ireland		
Alberto Adduci	Italy		
Albert Van Eldik	Netherlands		



Regional Latin American Education Committee Members

Renata Pierini	Argentina		
Gonzalo Ostria	Bolivia		
Daniel Souza Lima	Brazil		
Antonio Crespo	Brazil		
Rodrigo Diaz	Chile		
Elkin Jose Fuentes Ballestas, Chair	Colombia		
Alejandro Gomez	Colombia		
Laureano Quintero	Colombia		
Mauricio Valerin Pena	Costa Rica	Mario Castillo	Mexico
Edwin Davila Nunez	Ecuador	Estrella Gonzalez	Mexico
Cristhian Sebastian Bravo Silva	Ecuador	Tilcia Ibeth Fraguero	Panama
Leonardo Valdes Orellana	Honduras	Julio Vizcarra	Peru
Amanda Uc Cupul	Mexico	David Page	USA



Canadian Provincial Education Committee Members

- Alberta – Kim Doyle
- Manitoba – Tim Scharer, Barb Johnson, Todd Reid, and Marc Sevard
- Saskatchewan – Jennifer Elias-White
- Ontario – Dr. Barbara Mainville, Darren Anderson, Rob Theriault, and Stephen Trafford



Advanced Medical Life Support (AMLS) Committee Members

- Jeff Messerole, *Chair*
- Dr. Bengt Eriksson
- Dr. Angus Jameson, *Associate Medical Director*
- Dr. Craig Manifold, *Medical Editor*
- Dr. Vince Mosesso, *Medical Director*



Emergency Pediatric Care (EPC) Committee Members

- Shannon Watson, *Chair*
- Dr. Ann Dietrich, *Associate Medical Director*
- Dr. Kate Remick, *Medical Director*
- Jonathan Willoughby
- Sabine Sagner



Prehospital Trauma (PHT) Committee Members

- Dennis Rowe, *Chair*
- Dr. Alexander L. Eastman, *Medical Director*
- Dr. Andrew Pollak, *PHTLS Medical Editor*
- Dr. Warren Dorlac, *Tactical Medical Director*
- Dr. Frank Butler, *Military Medical Advisor*
- Dr. Faizan H. Arshad
- Dr. J.C. Pitteloud
- Jim McKendry
- Anthony Harbour
- Mark Litwinko





Active NAEMT Author Teams

- **Community Paramedicine**
 Matt Zavadsky, Dr. Mike Wilcox, Anne Jensen, Desiree Partain, John Phelps, Brandon Pate, Shannon Watson, Karen Larsen, Dan Swayze, and Melissa McNally
- **Critical Care Test Preparation**
 Leslie Hernandez, Trent Dobbs, Juan Mejias, Dana McDonald, Vicky Gallaher, and Dr. Amjad Musleh
- **First On The Scene**
 Joanne Piccininni, Anthony Harbour, Scott Hatcher, Jason Scheiderer and J.D. Graziano



Regional and National Education Coordinators



- **Regional Education Coordinators** in the USA, Mexico, and Colombia.
- **National Education Coordinators** in countries around the world.



US State Education Coordinators

Region 1

Connecticut
Massachusetts
Maine
New Hampshire
Vermont
New Jersey
Ohio
Pennsylvania
Rhode Island
New York
New York

Region 2

Delaware
Georgia
Kentucky
Louisiana
Mississippi
North Carolina
Puerto Rico
South Carolina
Tennessee
Tennessee
Virginia
West Virginia
Florida
Florida

Region 3

Alaska
Iowa
Illinois
Indianapolis
Michigan
Minnesota
Missouri
South Dakota
Washington
Wisconsin
Wyoming
Montana
Idaho
Oregon
Nebraska
North Dakota

Region 4

Arizona
California
California
New Mexico
Nevada
Oklahoma
Hawaii
Arkansas
Colorado
Kansas
Texas
Texas
Utah



NAEMT Education Leaders

THANK YOU 
T H A N K Y O U

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GRAZIE Vielen Dank THANK YOU THANK YOU THANK YOU
謝謝 Gracias ありがとう MERCI VIELEN DANK GRACIAS MERCI BEDANKT
Merci 謝謝 ありがとう THANK YOU GRAZIE ありがとう
THANK YOU 謝謝 VIELEN DANK GRACIAS





Update on NAEMT Course Development



Nancy Hoffmann, MSW
Senior Director, Education Publishing
NAEMT



AMLS 3rd Edition

- 3rd edition AMLS Instructor Toolkit and new Course Manual published in English in April.
- 3rd edition AMLS Refresher content completed and in medical review.
- Online content for hybrid version of 3rd edition completed and in medical review.
- Survey of AMLS Basics instructors conducted to obtain feedback on the AMLS Basics (EMT version) course.
- Clinical webinar series. First webinar on prehospital shock held on August 26. Additional webinars are scheduled for September and October, on pharmacology and sepsis.





EPC 4th Edition



- The committee completed development of the 4th edition Instructor Toolkit containing new and revised lessons and new patient simulations. The Toolkit is now in production.
- A new Student Course Manual is in development and will be published along with the Toolkit. The 4th edition of EPC will continue to use the American Academy of Pediatrics PEPP textbook for in-depth content on the medicine.
- A new 8-hour EPC Refresher Course is in development.
- Ongoing discussions with AAP leadership about ways in which NAEMT and AAP can collaborate to support quality EMS pediatric education.



PHTLS and TECC



- Completed development of 9th edition PHTLS Optional Lessons. Eight new lessons provide PHTLS faculty with tools to tailor course content to the needs of their students.
- Finalized first-ever validated PHTLS written assessment.
- Published new TECC-LEO course.
- Completed development of new TECC 8-hour Refresher Course now in production.
- Developed ninth annual (and first virtual) World Trauma Symposium program.



Critical Care Test Prep

- 16-hour classroom course to prepare paramedics to take the IBSC FP-C or CCP-C exams.
- IBSC now provides all NAEMT members with a \$100 discount for **any** IBSC exam.
- Final course materials will be available at the end of the year.
- Currently certified flight or critical care paramedics who complete NAEMT instructor requirements can teach the course.



Community Paramedicine Curriculum

- To prepare paramedics for roles as community paramedics and successfully take the IBSC Community Paramedic Certification (CP-C) Exam.
- Curriculum will be offered as stand-alone course modules. Modules on Motivational Interviewing, Nutrition, and Cardiovascular Conditions are now in production.
- Instructor eligibility: licensed at the paramedic level or above; and either a current CAAHEP-accredited paramedic program instructor, AMLS instructor, or IBSC-certified Community Paramedic.





First On The Scene

- Created in collaboration with IAFC, to teach the general public basic emergency response to life-threatening emergencies until EMS arrives on the scene.
- Course content has been completed and is in production.

- Topics covered include:
- Activating the 911 System
 - Hands-only CPR and AED
 - Administering naloxone
 - Administering epinephrine
 - Responding to life-threatening bleeding
 - Penetrating chest trauma
 - Moving patients to safety
 - Positioning injured patients



GEMS, EMS Safety, and AHDR Revisions



New NAEMT Refreshers



- NAEMT has created a new set of refresher courses that can be taught virtually.
- This set in the first in a series of new refreshers that NAEMT is developing.
- These first virtual refreshers – paramedic 30 hours, AEMT 25 hours, and EMT 20 hours – have received CAPCE approval.
- **Expected publication in October.**
- Refresher author team: Joanne Piccininni, Lee Richardson, Cathy Cockrell, Brett Cross, Vicki Gallaher, Rodney Lewis, and Rick Ellis



NAEMT Course Administration Update



Pamela Lane, MA
Executive Director
NAEMT





NAEMT Courses – Pandemic Guidelines

- All NAEMT course content that does not require students to practice hands-on skills may be taught virtually (live, synchronized) using online platforms.
 - Courses WITH hands-on skills practice: PHTLS, EPC, TECC and TCCC.
- Course content with hands-on skills requirements may be conducted following local pandemic guidelines/regulations, or if needed using video to monitor students on the skills portion of the courses. Use of video for student monitoring should be documented.
- NAEMT has also provided a six-month extension for all course provider cards that expire during the pandemic.



NAEMT Courses – Testing

- Testing may be conducted F2F or virtually with oversight by course coordinators who must be able to observe all students while they take the test.
- Testing should be conducted following pandemic guidelines/regulations. Training centers may use online proctoring services, or may post the test on their institution's LMS, provided that copyright protection of the test can be maintained.





NAEMT Courses – Testing

- During the COVID-19 pandemic, NAEMT has waived the post-test requirement for the following courses when offered live (synchronized) either in a classroom or using online platforms:
 - All Hazards Disaster Response (AHDR)
 - EMS Safety
 - Emergency Vehicle Operator Safety (EVOS – the 8-hour course)
 - Geriatric Education for EMS (GEMS – both the Core and Advanced courses)
 - Psychological Trauma in EMS Patients (PTEP)
 - Principles of Ethics and Personal Leadership in EMS (PEPL)
- Although the post-test requirement has been waived, NAEMT continues to encourage post-tests for these courses whenever possible as a sound method for assessing student comprehension of the course material.
 - PHTLS, AMLS, EPC, TCCC and TECC still require completion of the written post-test.



NAEMT Courses – Testing

See all guidance on conducting NAEMT **courses** during the pandemic, including approaches for conducting post-tests at <https://www.naemt.org/course-administration/covid-19-pandemic-operations-plan-for-conducting-naemt-courses>

For additional questions, please contact education@naemt.org



Faculty Policy Updates

- During the pandemic, NAEMT is allowing instructor candidates to be monitored by Affiliate Faculty using video monitoring (either live or recorded). Affiliate Faculty will need to indicate on the Instructor Candidate Monitoring Form if they monitor a candidate using this format.
- NAEMT has permanently relaxed some requirements for maintaining instructor status.
 - Still one course per year for AMLS, EPC, PHTLS, TECC and TCCC.
 - During the pandemic, this requirement has been extended by six months.
 - All other courses – one course per edition.
 - Course refreshers, hybrid courses and derivative courses (AMLS Basics, PHTLS for First Responders, TECC-LEO, and Advanced GEMS) may count as the minimum one course.



Faculty Policy Updates

- **New!** – During the pandemic, NAEMT has extended the timeframe for current providers to complete their instructor requirements from 12 months to 24 months.
 - Countries that teach in languages other than English or Spanish that conduct the NAEMT Instructor Preparation Course in a classroom setting may submit an alternative plan to the Education Committee for consideration.
- **New!** – the Instructor Monitoring Form and Training Center Monitoring Form are now online, so that Affiliate Faculty can complete and submit these forms fully online.

Latest Update on TCCC

- In 2018, the U.S. DoD directed all military personnel to complete standardized TCCC curriculum prepared by the Joint Trauma System (JTS) within the Defense Health Agency (DHA).
- The Co-TCCC (also within DHA-JTS) continues to develop the TCCC guidelines – standards of care for injuries on the battlefield.
- DHA-JTS is now revising the TCCC curriculum into 4 courses:
 - TCCC-All Service Members – completed. For non-medical, non-combatant personnel.
 - TCCC-Combat Life Saver – completed. For non-medical, combatant personnel. Replaces TCCC-AC.
 - TCCC-Combat Medic/Corpsman – in development. Will eventually replace TCCC-MP.
 - TCCC-Combat Paramedic – in development.



TCCC-CLS (Combat Life Saver)

- DHA-JTS has transitioned from TCCC-AC (All Combatants) to TCCC-CLS.
 - TCCC-CLS is a 40-hour course.
 - U.S. military training centers are moving to TCCC-CLS now. NATO training centers will do so next month.
 - All NAEMT Training Centers approved to teach TCCC can now register TCCC-CLS courses.
 - After December 31, 2020, NAEMT will not offer TCCC-AC.
 - NAEMT has reviewed TCCC-CLS for possible CAPCE credit, and will be awarding 8 hours of CAPCE credit for this course.



TCCC-CLS Instructor Requirements

- Current NAEMT TCCC-MP instructors are eligible to conduct this course.
- TCCC-MP instructors should complete the TCCC-CLS “train the trainer program” which can be downloaded at:
<https://www.deployedmedicine.com/market/193/content/1590>
- Instructor to student ratio – 1 to 6



NREMT Update



Bill Seifarth, MS, NRP
NREMT Executive Director



**National Registry of
Emergency Medical Technicians®**
THE NATION'S EMS CERTIFICATION™





The National Registry of EMTs: Celebrating our Past and Sharing the Vision for Tomorrow

Bill Seifarth, MS, NRP
 Executive Director

bseifarth@nremt.org

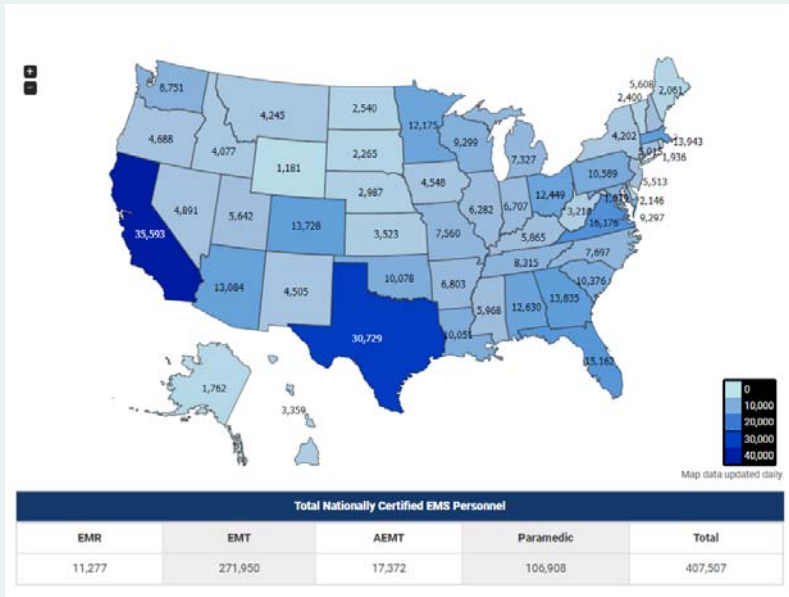
2020 | NATIONAL REGISTRY OF EMTS

Thank you to our Sponsors!





Our Mission: Provide a valid, uniform process to assess the knowledge and skills required for competent practice by EMS professionals throughout their careers, and to maintain a registry of certification status.



2020 | NATIONAL REGISTRY OF EMTS



50 YEARS OF THE NATIONAL REGISTRY OF EMERGENCY MEDICAL TECHNICIANS
Critical to a National EMS System

- 1960**
 - 1966 – Accidental Death and Disability: The Neglected Disease of Modern Society published by the National Academy of Sciences
 - 1967 – Death in a Ditch authored by Dr. J.D. Farrington, future Board Chair of the National Registry of EMTs (1973-1975)
 - 1969 – President Lyndon Johnson’s Committee on Highway Traffic Safety recommended the creation of a national certification agency for ambulance personnel in the United States
- 1970**
 - 1970 – The American Medical Association’s Committee on EMS Taskforce drafted bylaws, organized a board of directors, and formed the National Registry of EMTs
 - 1971 – Rocco V. Morando was appointed Executive Director of the National Registry and first NREMT-Ambulance examination administered simultaneously to 1,520 candidates
 - 1973 – First recertification period for certified NREMT-Ambulance personnel
 - 1975 – National Registry requested the American Medical Association to recognize EMT-Paramedics as an allied health profession
 - 1978 – First Paramedic exam is administered in Minneapolis
 - 1979 – Accreditation standards for paramedic programs implemented
- 1980**
 - 1983 – Emergency Medical Technician – Intermediate (EMT-I) is established as a certification level
 - 1984 – National Registry mandatory in 24 states, optional in 15 states; National registry started leading in EMS system research projects
 - 1986 – U.S. Department of Defense required all personnel working on ambulances be certified by the National Registry
- 1988** – The 300,000 EMT is certified as Rocco Morando retires and William (Bill) Brown, Jr. is appointed as the Registry’s second Executive Director
- 1989** – EMT-Basic replaced EMT-Ambulance
- 1990s**
 - 1992 – National Registry adopted a process to ensure compliance with the Americans with Disabilities Act
 - 1995 – National Registry conducted the first Practice Analysis to inform key areas required for EMS practice
 - 1996 – National Registry started certification of First Responders
 - 1999 – The revised EMT-Intermediate (i99) replaced the i/85 model.
- 2000s**
 - 2001 – National Registry certification was mandatory for licensure in 43 states
 - 2003 – The National Registry established a full-time research team
 - 2007 – Computer based examinations replaced paper examinations; the Mark King initiative was approved by the National Registry Board
 - 2009 – LEADS 10-year report published, the first longitudinal study of EMS personnel
- 2010s**
 - 2010 – National Association of State EMS Officials passed a resolution affirming the National Registry is the Nation’s EMS Certification organization as defined by the EMS Education Agenda for the Future: A Systems Approach
 - 2012 – Emergency Medical Responder (EMR) replaces First Responder Certification
 - EMT replaced EMT-Basic
 - Advanced EMT introduced and replaced EMT-Intermediate
- 2020 & Beyond**
 - 50 years of the National Registry of EMTs
 - Ensuring EMS professionals are certified consistently across the United States
 - Underpinning a Systems Approach to Emergency Medical Services
 - Advocating for EMS research, professional standards, and recognition
 - Delivering a fair, legally defensible, unbiased certification examination
 - Examinations
 - Technology enabled
 - Measures competency more precisely
 - Continued Competency
 - More meaningful measure of competency
 - More options, often simpler to achieve than the traditional continuing education.
- 2013** – Paramedic candidates seeking National Registration must graduate from an accredited program (CAAHEP)
- 2014** – 1,000,000 Computer Based Examination administered
- 2017** – National Registry committed to support the Recognition of EMS Personnel Licensure Interstate Compact (REPLICCA)
- 2018** – National Registry launched iCG mobile app; over 400,000 active Nationally Registered personnel
- 2019** – Android mobile app launched; simplified recertification process launched



CORONAVIRUS (COVID-19)





50
NATIONAL REGISTRY OF
EMERGENCY MEDICAL TECHNICIANS
Est. 1970

Vision of National Registry Exams

Portfolio

Simulation



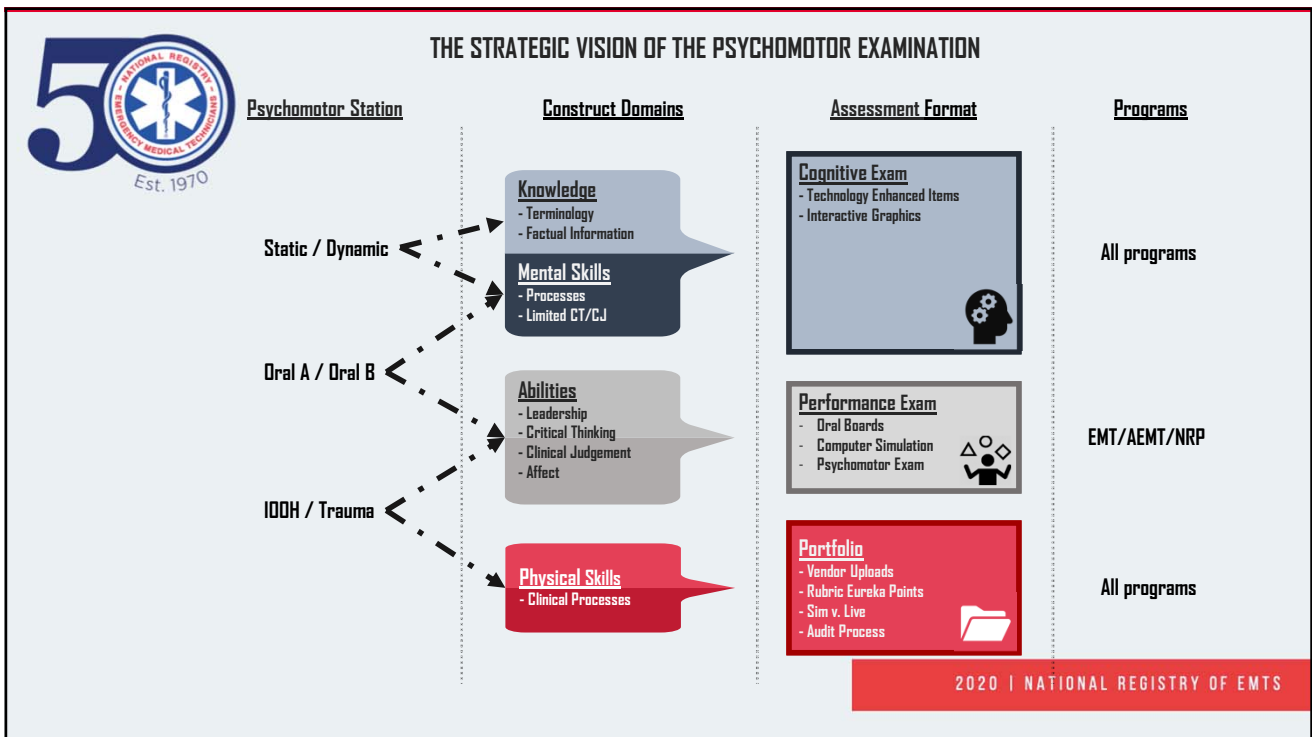
PSYCHOMOTOR EXAMS




Security meets convenience

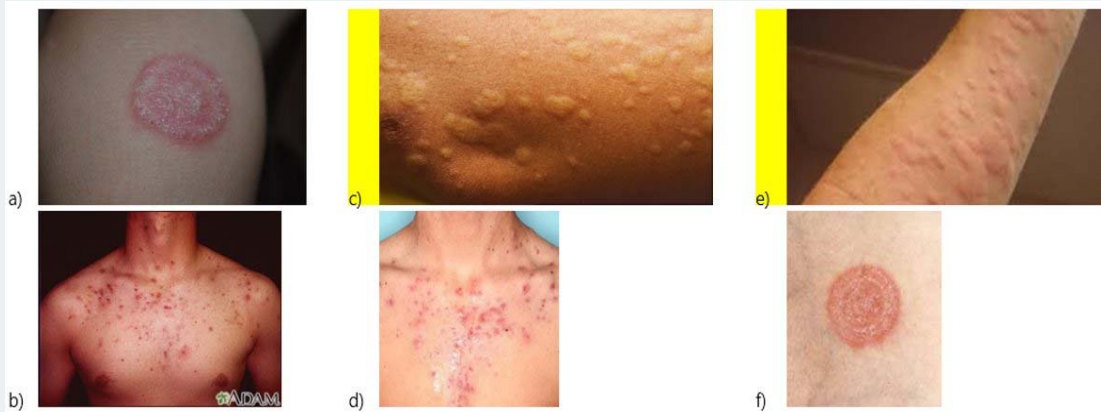


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Example of a MR item with graphics: Which of the following are images of urticaria? (*Select two*)



2020 | NATIONAL REGISTRY OF EMTS



Subject Matter Expert - SME

**LET'S WRITE
 THE FUTURE
 TOGETHER**

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National Registry of
 Emergency Medical Technicians®
 THE NATION'S EMS CERTIFICATION

National Registry Volunteer Program

- Scenario Development
- Item Writing
- Practice Analysis
- Maintenance of Certification
- IT, publication, software testing
 ...and more!

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STC: Continued Competency

Mark Terry

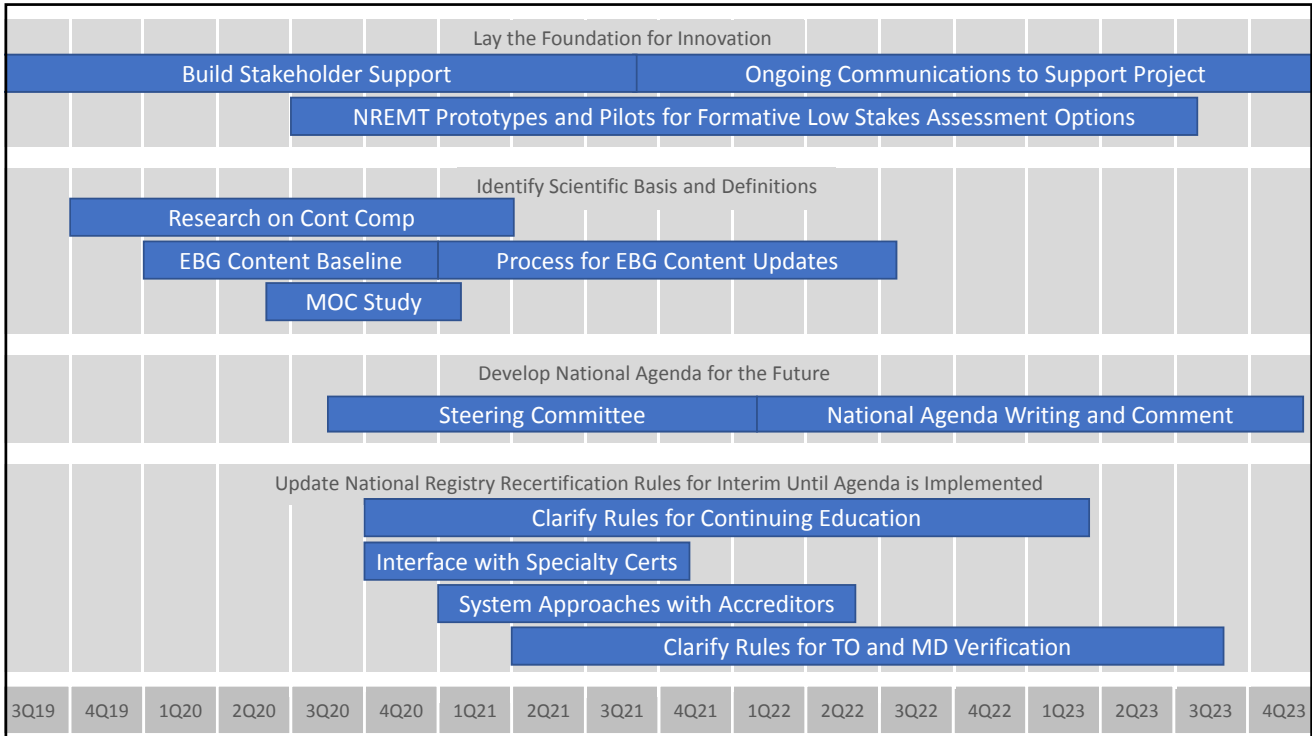


Continued Competency

- Data Informed
- Agency Integrated
- Assessment Options
- Innovative Approaches
- Clarified Standards

Continuing Education

Refresher



IBSC Update



John Clark, JD, FP-C, CCP-C

Chief Operating Officer
 International Board of Specialty
 Certification (IBSC)



NAEMT Faculty Meeting Update

16 September 2020



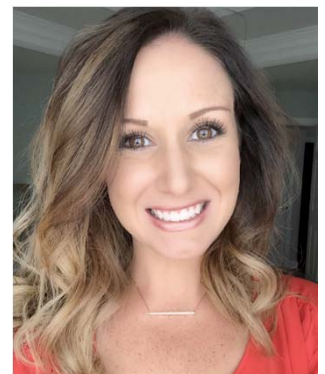
Jeanette Myers

Jeanette has been a tremendous asset since joining us in 2012.



Registration Coordinator Change

Ashley Roy
aroy@ibsc.org
Main - 770.978.4400
Direct - 678.368.4929



COVID-19



- Under local and federal policies and guidelines from the CDC, the IBSC met the criteria for "essential workforce," as defined by the US Cybersecurity and Infrastructure Security Agency (CISA), and we were able to resume testing earlier than other programs.
- Prometric updates "Program Availability" to determine if locations are open
- "Site Occupancy Status" indicate if the center is operating at partial or full occupancy, based on local, state and federal guidelines.



Exams delivered	Variance (2019 v 2020)
April 2020	-77%
May 2020	-31%
June 2020	-18%
July 2020	-15%
August 2020	21%



Projects

1. ProProctor went live July 2
2. NAPSICO Certified Designated Infection Control Officer exam development
3. CP-C Beta testing of new JA form – September 4 scores reported
4. FP-C Beta begins September / ends November
5. CCP-C Job analysis is scheduled for October at Prometric
6. IBSC MED waiting for pandemic to end

Raw Passing Score by Exam

125 raw max	FP-C	CCP-C	CP-C	TP-C	TR-C
Scored items	125	110	125	125	100
raw pass	88	88	77	88	70

2019 Lapsed Certificant Survey

599 lapsed (100 emails bounced for bad addresses)
 114 responses received

FP-C = 84
 CCP-C = 23
 TP-C = 5
 CP-C = 2



Reasons for not recertifying (job related):

1) Certification no longer required for my position	19
2) Changed careers/left EMS	15
3) I didn't see the value in maintaining the certification	38
4) In leadership role and certification no longer required	9
5) Left Paramedicine for medical school	5
6) Left Paramedicine for nursing	10
7) Retired	4
8) Left blank	2
9) None of the above	34



Years of experience as a paramedic	
0-4 years	1
10-14 years	25
15-19 years	19
20-24 years	20
5-9 years	24
More than 25 years	20
(blank)	5



Social Media

twitter/IBSC_

facebook/IBScertifications

instagram/IBSC_Certification

linkedin/https://company/international-board-of-specialty-certifications/





Innovating NAEMT Education During the Pandemic



Michael Kaduce, NRP
Program Director
UCLA Center for Prehospital Care

 Center for Prehospital Care



Viewpoint

August 26, 2020

The Transformational Effects of COVID-19 on Medical Education

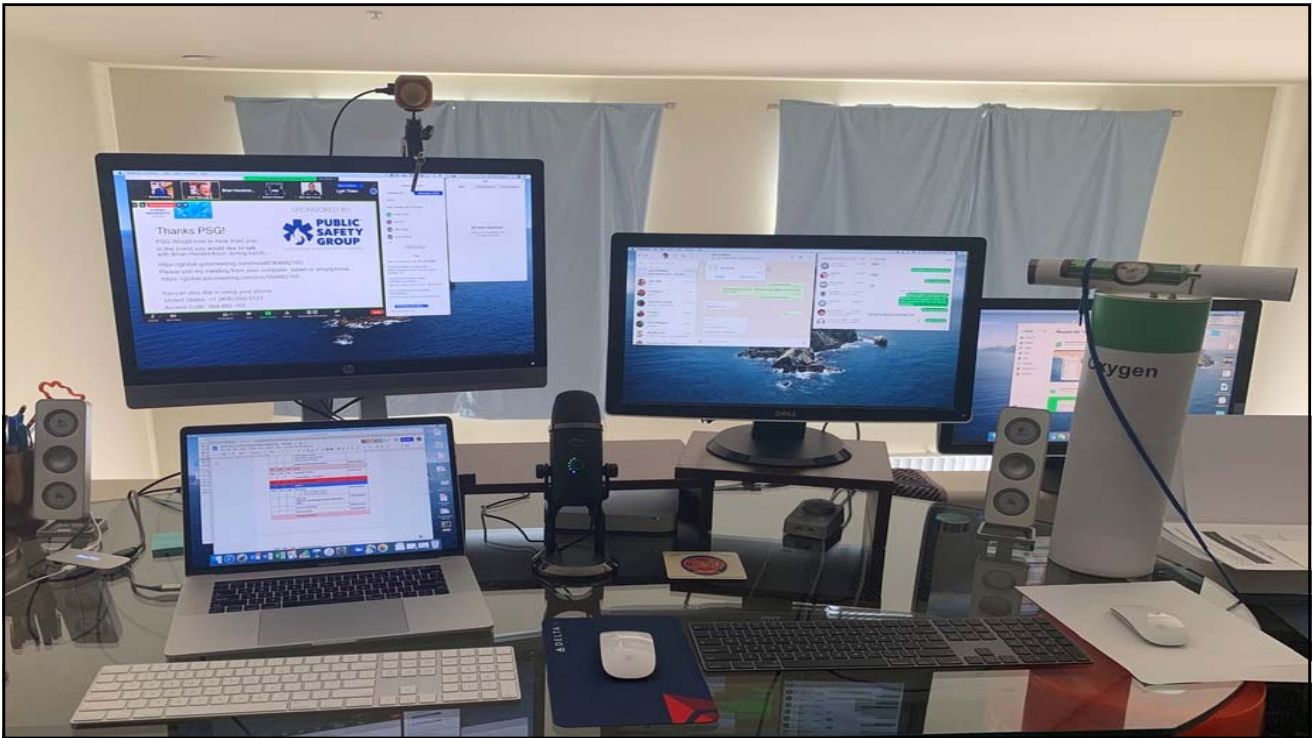
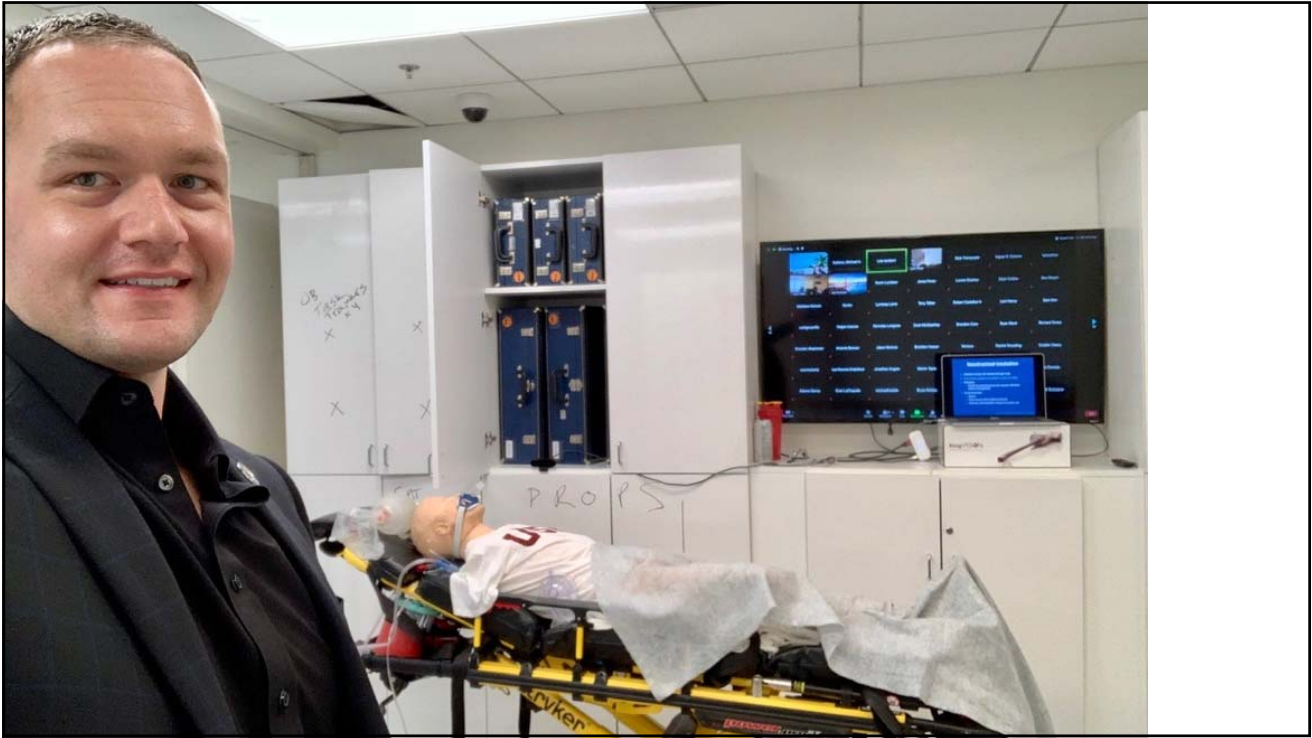
Catherine R. Lucey, MD¹; S. Claiborne Johnston, MD, PhD²

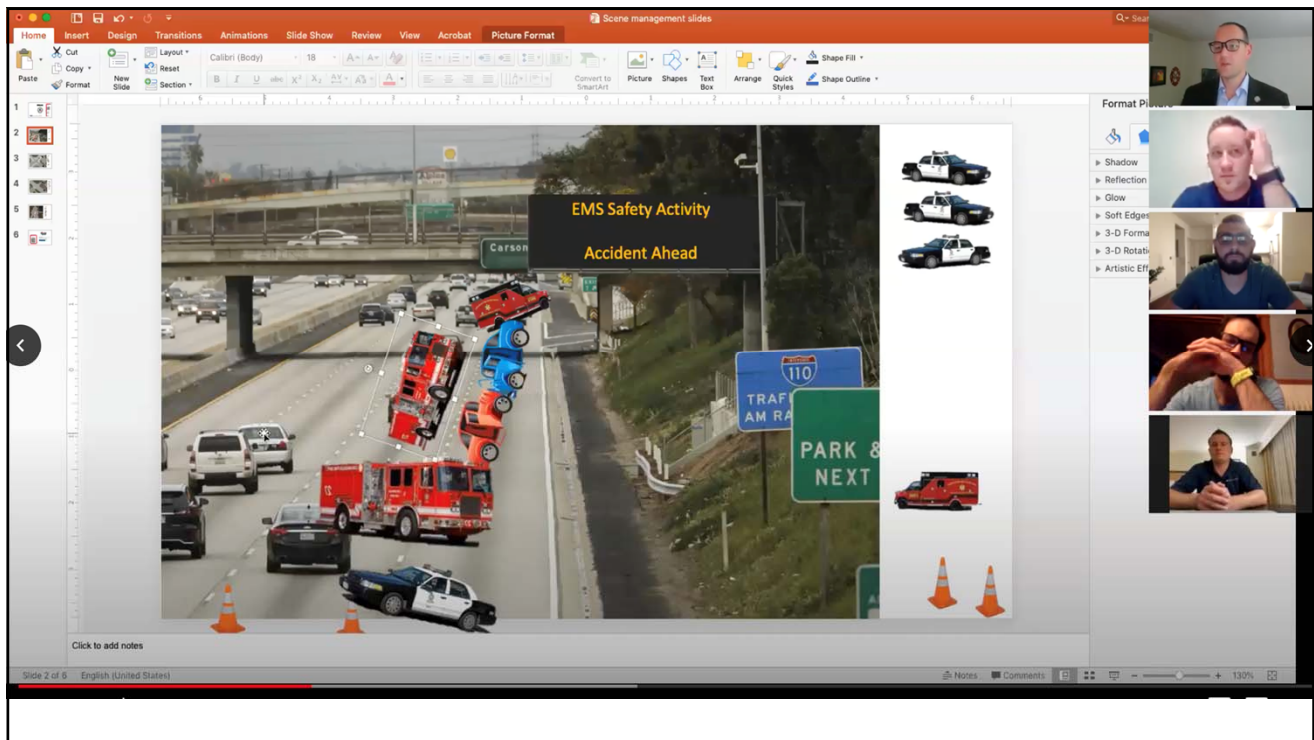
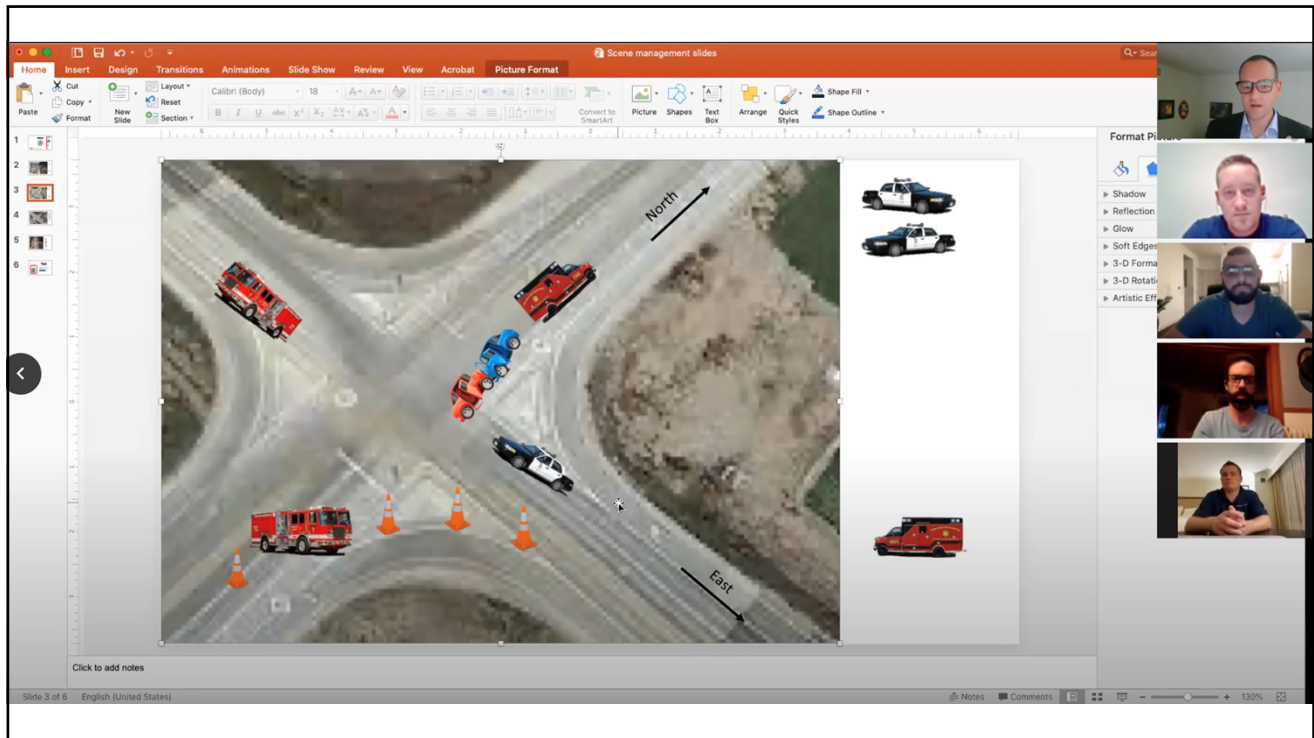
[» Author Affiliations](#) | [Article Information](#)

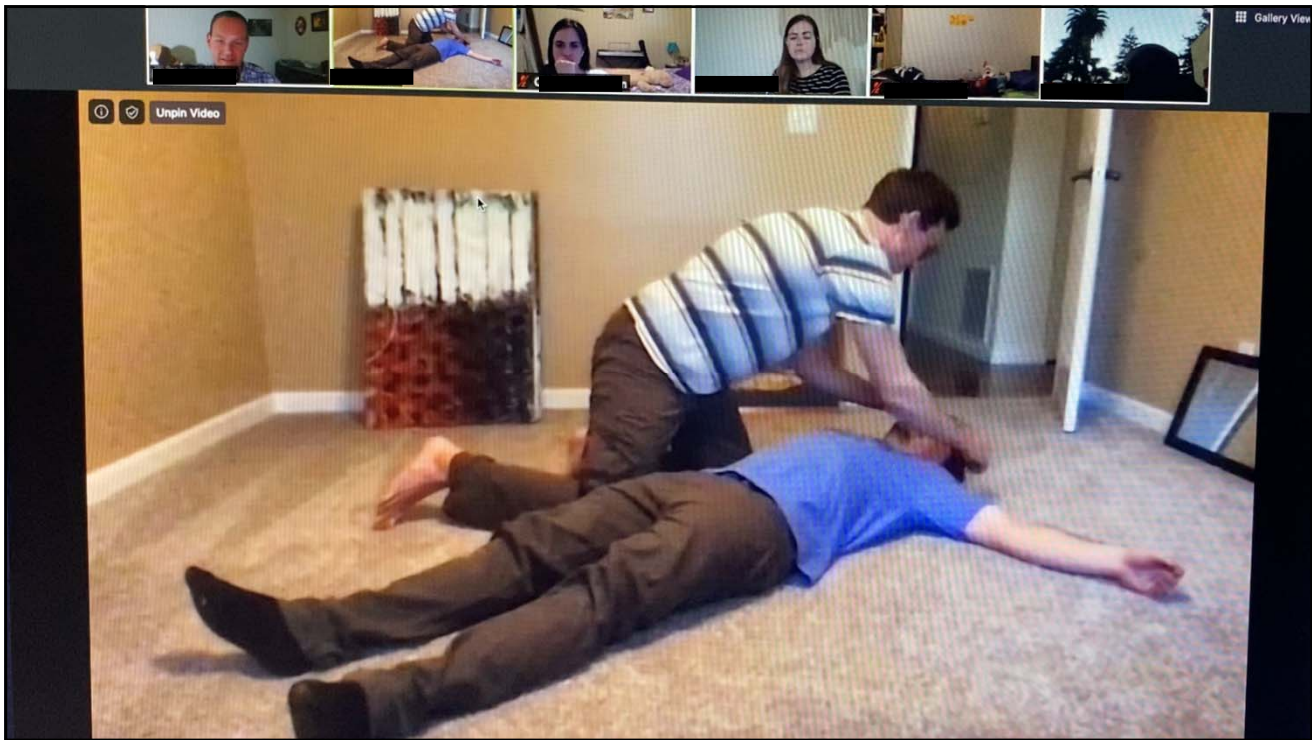
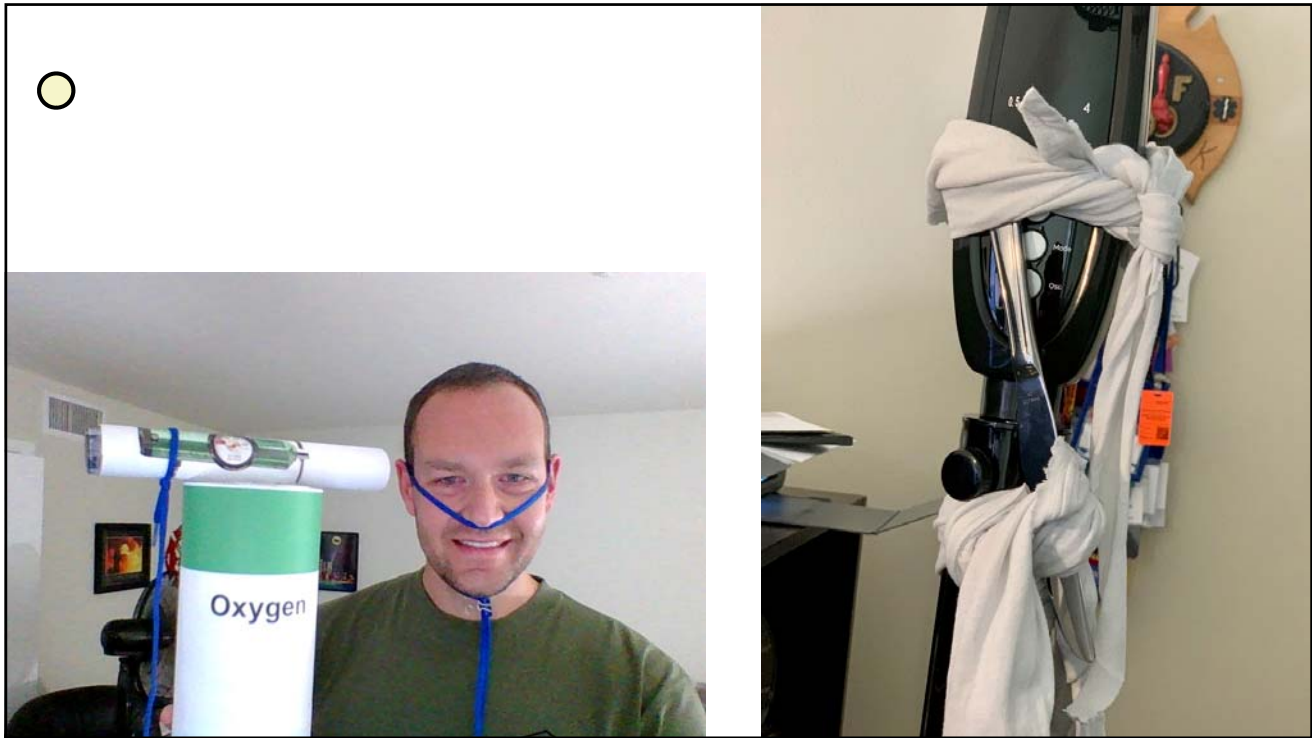
JAMA. Published online August 26, 2020. doi:10.1001/jama.2020.14136

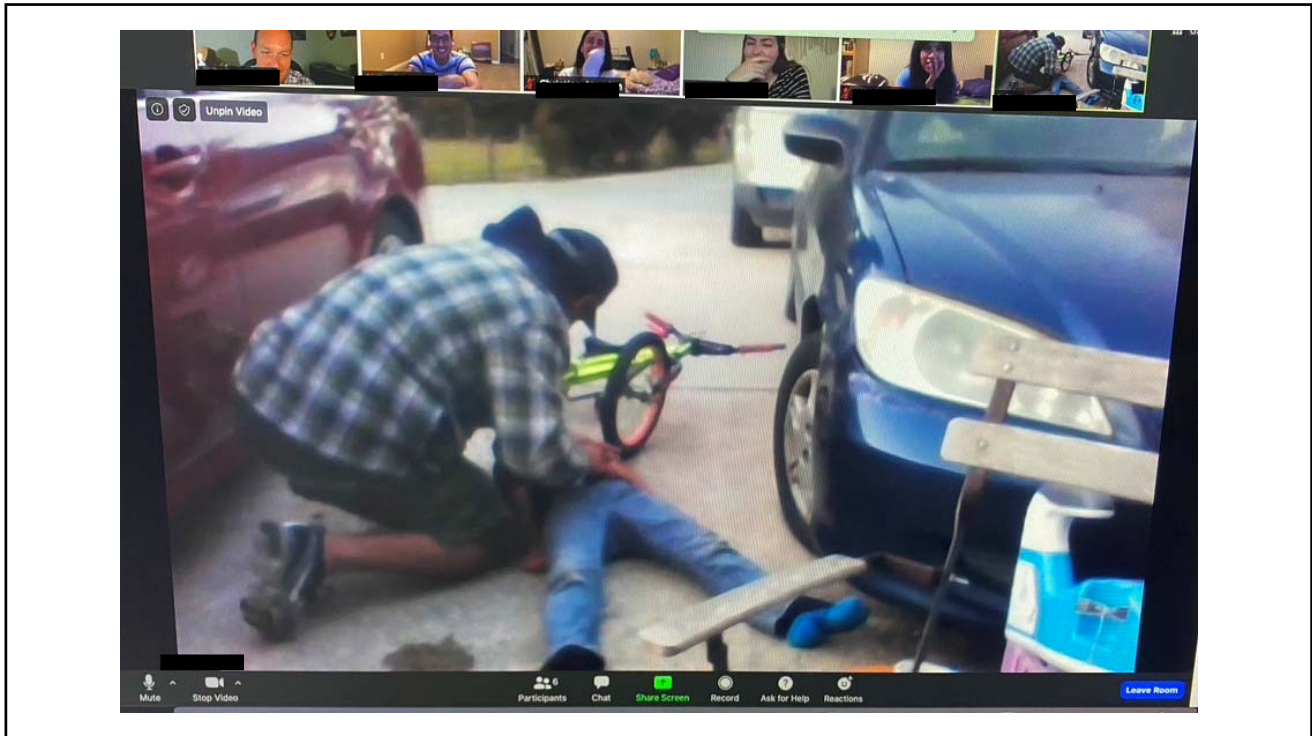
“While many will remember the COVID-19 pandemic as a source of disruption, it is likely that it will also be viewed as a catalyst for the transformation of medical education that had been brewing for the past decade. ”

- ✓ Lecture
- ✓ Activities
- ✓ Skills
- ✓ Scenarios









Make interactive cases

You are responding to a 22-year-old male thrown from a horse. He is short of breath and speaking in 2-3 word sentences.





Recognition and Honors

Sgt. John Waldon



NAEMT Affiliate Faculty
Defense Medical Readiness Training Institute



Recognition and Honors

Cathy Cockrell

NAEMT Education Coordinator for Virginia



Recognition and Honors

Amanda Uc Cupul, NAEMT

Affiliate Faculty, Mexico
Member, Latin America Regional Education Committee



Recognition and Honors

Ahed Al Najjar

NAEMT Affiliate Faculty, United Arab Emirates



Recognition and Honors

David “Trent” Dobbs
NAEMT Affiliate Faculty and Course Author



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