• Use state-of-the-art information to enhance and influence their clinical practice in the critical care air and ground transport environment, increase their skills, and influence their awareness of the unique environment in which they deliver medical care.

• Describe awake intubation, REBOA, FAST-ED, ROSC, what the literature says about Sepsis.

• Discuss treatment of pediatric sudden cardiac arrest, blue babies gone bad, and pediatric DKA is not nice!

• Describe transporting the severe ARDS patient, data quality metrics in an ECMO programs, management of hypoxemia in transport, and circulatory assist devices – what have we learned so far?

• Describe push dose pressors, push dose nitroglycerine, demystifying the surgical airway, and logistics in HEMS…preparing for advanced procedures.

• ACLS in VAD management, clots in the lungs, vascular catastrophes, can we prevent errors and improve the transport experience?, and the subtle signs of badness.

• Ketamine and marijuana – is there nothing these two can’t fix? Needle, finger or tube? Death by ventilator, effect of human factors in outcomes, point of care lab testing, and four steps to make ECMO transport “easy.”

• Cognitive off loading in critical care retrieval, the what, why and how of stress exposure training, the power of making a mistake, and why sometimes the best thing to do is nothing.

The Critical Care Transport Medicine Conference is designed to address topics pertinent to the prehospital and emergency care of the critically ill and injured patient. Physicians, nurses, paramedics, respiratory therapists and allied healthcare professionals will be provided information that offers them a deeper understanding of the essentials of care required for the complex patient requiring critical care air and ground transport. Lectures will be presented that will help participants develop leadership skills.

Educational Objectives:
At the completion of this conference participants should know or be able to:

• Demonstrate catastrophic abdominal conditions (hemoperitoneum, hemopericardium, hemoperitoneum, as well as proximal lower extremity DVT).

• Demonstrate catastrophic abdominal scanning protocol, and 2-point lower extremity compression examination.

• Demonstrate proper machine settings/image acquisition.

• Describe sonographic findings of the hemopericardium, hemoperitoneum, hemoperitoneum, right heart strain, pericardial tamponade and acute valvular insufficiency.

• Describe sonographic findings of catastrophic intra-abdominal conditions (pneumoperitoneum, pneumatocele, pneumobilia, emphysematous infection).

• Demonstrate an eFAST examination.

• Describe sonographic findings of abdominal aortic aneurysms, as well as proximal lower extremity DVT.

• Demonstrate catastrophic abdominal scanning protocol, and 2-point lower extremity compression examination.

The Critical Care Transport Medicine Conference is for transport crew members who wish to update and practice critical care techniques that will enhance their ability to provide the best possible care to patients who are most in need. The program offers state-of-the-art updates on clinical procedures. The didactic sessions include topics on emergent airway management, surgical airway management, chest tube insertion and management and pericardiocentesis, ventilation assessment and ventilator management, ventilator assist devices, intraosseous vascular access, and tourniquets and control of bleeding. A Procedure Lab will be provided for participants to practice the techniques they have discussed during the lecture session.

Educational Objectives:
At the completion of the Critical Care Transport Medicine Conference Ultrasound Workshop participants should know or be able to:

• Demonstrate understanding and hands-on skills practice for critical care procedures to include central line insertion, chest tube insertion, intraosseous access, ventilator management and surgical airway (cricothyroidotomy).

• List the indications, contraindications, success rates and complications from the use of these devices and techniques used in the emergency treatment of the critically ill and/or injured patient.

The 16th Annual Scientific Forum is sponsored by AMPA, ASTNA and IAFCCP. Posters will be presented and reviewed on April 10th and an Outstanding Research Award will be given prior to the opening General Session on April 11th. Our goal is to nurture and provide an appropriate forum for research in air and ground medical transport.

ACCOMMODATIONS
Individuals may make reservations at the Wyndham San Antonio River Walk Hotel by calling 1-866-764-8536. In order to obtain the conference room rate of $155.00 (single or double plus taxes); please refer to our group block Air Medical Physician Attendee. Or, use the following web link: https://aws.passkey.com/go/CCTMC2017

Reservations must be made by March 6, 2017.

CCTMC PROGRAM DESCRIPTION
The Critical Care Transport Medicine Conference is designed to address topics pertinent to the prehospital and emergency care of the critically ill and injured patient. Physicians, nurses, paramedics, respiratory therapists and allied healthcare professionals will be provided information that offers them a deeper understanding of the essentials of care required for the complex patient requiring critical care air and ground transport. Lectures will be presented that will help participants develop leadership skills.
MONDAY, APRIL 10, 2017
Critical Care Transport Medicine Conference
Wyndham San Antonio River Walk Hotel

SUNDAY, APRIL 9, 2017
Critical Care Procedural Anatomy Program
Limited to 40 participants

CRITICAL CARE SKILLS DIDACTIC SESSIONS

7:30 a.m.
On-Site Registration
8:00 – 8:15 a.m.
Welcome, Lab Orientation and Program Overview
8:15 – 9:00 a.m.
Adjuncts in Airway Management
Jack B. Davidoff, MD, EMT-P
9:00 – 9:30 a.m.
Cricothyrotomy: Pearls and Pitfalls
Lauri Bolton, MD
9:30 – 10:00 a.m.
Chest Tubes, Pleural Pigtail Catheters, and Pericardiocentesis
Christopher J. Fullagar, MD, EMT-P
10:00 – 10:30 a.m.
Ventilation Management
Lauri Bolton, MD
10:30 – 10:45 a.m. BREAK
10:45 – 11:15 a.m.
Mechanical Circulatory Support
P.S. Martin, MD, FACEP
11:15 – 11:45 a.m.
Intraosseous Vascular Access
Lauri Bolton, MD
11:45 a.m. – 12:15 p.m.
Hemorrhage Control
Craig Bates, MD, MS, FACEP
12:15 – 12:45 p.m.
Lab Procedures and Safety
Jack B. Davidoff, MD, EMT-P
12:45 – 1:30 p.m. LUNCH ON OWN
1:30 – 5:30 p.m.
Procedure Lab

SCIENTIFIC FORUM–Poster Review
9:00 a.m. – 12:00 p.m.
Coordinator: Lauri Bolton, MD

ULTRASOUND WORKSHOP
8:00 – 8:55 a.m.
Practical Scanning Lecture (Physics/Knobology)
Robert Jones, DO, FACEP
9:00 – 10:00 a.m.
eFAST Examination Lecture
Robert Jones, DO, FACEP
10:00 – 10:15 a.m. BREAK
10:15 a.m. – 12:00 p.m.
Hands-on Scanning
Robert Jones, DO, FACEP
Craig Bates, MD, MS, FACEP

MONDAY, APRIL 10, 2017
Critical Care Transport Medicine Conference

Noon – 1:00 p.m.
CCTMC Conference On-Site Registration
Ballroom Foyer
1:00 – 1:45 p.m.
OPENING GENERAL SESSION:
If I Ran the World….What is Wrong with American Prehospital Care and How Do We Fix It?
Michael Abernethy, MD

BREAKOUT SESSIONS:

1:55 – 2:25 p.m.
BREAKOUT I
TBA

2:30 – 3:00 p.m.
BREAKOUT I
1, 2, 3, 4 - Get that ECMO Out the Door!
Four Steps to Make ECMO Transports “Easy”
Jaime Simpson, RN, BSN, CFRN, NRP, CCEMT-P
Justin Gaultney, NRP, FPC

3:00 – 3:25 p.m.
BREAK

3:25 – 3:55 p.m.
BREAKOUT I
Transport Management of the Severe ARDS Patient
Jacob A. Miller, MS, FNP, ACNP, ACCNS, CCRN, CFRN, EMT-P, FP-C

4:00 – 4:30 p.m.
BREAKOUT I
Co-Pilot, RN: Training to Save Your Team From the Left Seat
Michael C. Berrier, NRP, FP-C, C-NPT, AAS
CW4 Tony Lee Swann, US Army (Retired)

4:35 – 5:05 p.m.
BREAKOUT I
Modifying Patient Care with Point of Care Lab Testing
Kevin T. Collopy, BA, FP-C, CCEMT-P, NRP, CMTE

BREAKOUT II
Ketamine and Marijuana
Is There Nothing These Two Can’t Fix?
Charles W. Sheppard, MD, FACEP, FAAEM

BREAKOUT II
FAST-ED: A Field Triage Tool Predictive of Large Vessel Occlusion Strokes
Carol Fleming, RN, BSN, CCRN, CFRN

BREAKOUT II
Toward Integration and Mastery: Creation of a Simulation Based Airway Management Curriculum for Orientees
Fred Jeffries, FP-C, CNPT, MTSP-C

BREAKOUT II
ACLS in VAD Management
Paul Mazurek, BSN, M.Ed.

BREAKOUT II
Critical Care Ultrasound: Define the Standard
Benjamin Nicholson, MD, MRp
BREAKOUT SESSIONS:

9:15 – 9:45 a.m.
BREAKOUT I
Impelled to Improve: Practical and Logistical Considerations in Critical Care Transport of Patients Supported by VAD
Charles Kircher, MD

9:50 – 10:20 a.m.
BREAKOUT I
Death by Ventilator
Charles W. Sheppard, MD, FACEP, FAAEM

10:20 – 10:50 a.m.
BREAK

10:55 – 11:25 a.m.
BREAKOUT I
Sepsis 2017: What Do I Do Now?
Michael A. Jasumback, MD

11:30 – 12:00 p.m.
BREAKOUT I
Management of Hypoxemia in Transport
Susan R. Wilcox, MD

12:00 - 1:15 p.m. LUNCH ON OWN

1:20 – 1:50 p.m.
BREAKOUT I
Cognitive Offloading in Critical Care Retrieval
Stephen Hearns, Mb ChB, FRCEM, FRCS, FRCP

1:50 – 2:20 p.m.
BREAKOUT I
Vascular Catastrophes – Diagnosis, Treatment, and Transport Considerations
Michael Abernethy, MD

2:20 – 2:50 p.m.
BREAKOUT I
Demystifying the Surgical Airway
Kevin T. Collopy, BA, FP-C, CCEMT-P, NRP, CMTE

3:20 – 3:50 p.m.
BREAKOUT II
“Heartbreaking” – Pediatric Sudden Cardiac Arrest and Pre-Hospital Resuscitation
P.S. Martin, MD, FACEP

3:50 – 4:20 p.m.
BREAKOUT I
Push Dose Pressors and Push Dose Nitroglycerin
Faizan H. Arshad, MD

4:20 – 4:50 p.m.
BREAKOUT I
Clots in the Lungs: Pulmonary Embolism in the Transport Environment
Benjamin Nicholson, MD, NRP

4:55 – 5:25 p.m.
BREAKOUT II
Data Quality Metrics in an ECMO Program
Cathleen W. Vandenbraak, BSN, MBA/MHA, CEN, CCRN, CFRN

5:30 – 6:00 p.m.
BREAKOUT II
Preparing for Advanced Procedures: Logistics in HEMS
Andrew Cathers, MD
Mike Steuerwald, MD

8:00 – 8:20 a.m.
Welcome & Award Presentations

7:30 – 8:00 a.m.
On-Site Registration/Continental Breakfast

8:20 – 9:10 a.m.
GENERAL SESSION:
ROSC! High Five! Now What? Transportation of the Post ROSC Patient
Fredrik Granholm, MD

1:50 – 2:20 p.m.
BREAKOUT II
REALLY Deeply Attached: Placenta Accreta in the Critical Care Transport Environment
Barbara Vonarx, BSN, CFRN, NRP

2:20 – 2:50 p.m.
BREAKOUT II
Pregnant Ladies: Hopefully NO Itty-Bitty Babies
Lisa Gilmore, DNP, APRN, ACCNS, EMT-P, CFRN, FP-C

3:20 – 3:50 p.m.
BREAKOUT II
Sugar and Spice…Pediatric DKA is NOT Nice! A Case Study
Debra Ann Milliner, APRN, FNP-C, MSN, MBA/HCM, CEN, CFRN, NREMT-P

3:50 – 4:20 p.m.
BREAKOUT II
Blue Babies Gone Bad: A Review of Congenital Heart Lesions
Lisa Gilmore, DNP, APRN, ACCNS, EMT-P, CFRN, FP-C

4:20 – 4:50 p.m.
BREAKOUT II
ARDS for Vent Nerds
Matthew A. Roginski, MD, MPH

7:30 – 8:00 a.m.
On-Site Registration/Continental Breakfast

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Matthew A. Roginski, MD, MPH
8:00 – 8:30 a.m.
Registration/Continental Breakfast

BREAKOUT SESSIONS:

8:30 – 9:00 a.m.
BREAKOUT I
Feasibility of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Enroute Care
Theodore T. Redman, MD

BREAKOUT II
Patient Safety: Can We Prevent Errors and Improve the Patient Experience
Tina Frey Johnson, BSN, CFRN, CMTE, CPEN, CEN

9:35 – 10:05 a.m.
BREAKOUT I
Ketamine: Myth vs. Truth An Evidence Based Approach to Its Use in the Transport Setting
Louis Scratthish, MD, FACEP

BREAKOUT II
Code Sepsis: Sepsis Alerts and Pre-hospital Antibiotics Save Lives
Michael Perlmutter, BA, Paramedic

10:10 – 10:40 a.m.
BREAKOUT I
Subtle Signs of Badness
Michael A. Jasumback, MD

BREAKOUT II
The Effect of Human Factors in Outcomes in Advanced Airway Management
David J. Olvera, NREMT-P, FP-C, CMTE

10:40 – 11:00 a.m. BREAK

11:00 – 11:30 a.m.
BREAKOUT I
Why Sometimes the Best Thing to Do is Nothing
Charles W. Sheppard, MD, FACEP, FAAEM

BREAKOUT II
The Power of Making a Mistake
John R. Clark, JD, MBA, NRP, FP-C, CCP-C, CMTE

11:35 a.m. – 12:25 p.m.
CLOSING GENERAL SESSION
The What, Why and How of Stress Exposure Training
Ashley Liebig, NR
Michael Perlmutter, BA, Paramedic

CCTMC Adjourned!

2018 CCTMC
April 9-11, 2018
Wyndham San Antonio River Walk Hotel
San Antonio, Texas

NEW!
CCTMC TOURNAMENT OF CHAMPIONS
In its inaugural year, five teams will compete in two rounds of simulated patient encounters and other challenges to exhibit their critical care knowledge and skills. Round one will commence after Monday’s opening session and continue for the remainder of the afternoon, and round two will commence after Tuesday’s general session and continue until midafternoon. Winners will be announced prior to Wednesday’s closing session.

Teams will consist of two providers and a substitute who can take the place of one of the providers as needed. All team members must be actively practicing critical care transport providers and must be registered attendees of CCTMC. Team members will have plenty of time to enjoy other conference offerings while they are not competing.

E-mail cctmcchampions@gmail.com if your team feels up to the challenge.

TIM HYNES FOUNDATION
FOURTH ANNUAL SILENT AUCTION
Plan now to donate silent auction items to help raise awareness and funds to support the scholarships and activities of the THF. Email info@timhynesfoundation.org for details.

THE FIFTH ANNUAL RUNNING WITH AN ANGEL 5K
Monday, April 10, 2017
Registration at 8:30 a.m.; Run at 9:00 a.m.
A run/walk to honor our fallen colleagues and support their Loved Ones!
For information, please contact Air & Surface Transport Nurses Association
www.ASTNA.org • 303-344-0457
astna@astna.org

Sign up at the ASTNA Community Calendar
www.ASTNA.org
Proceeds will go to the ASTNA Bereavement Fund to assist the families of fallen members
CONTINUING EDUCATION CREDITS:

ACCREDITATION: This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Center for Emergency Medical Education and the Air Medical Physician Association. CEME is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

PHYSICIANS AND NON-PHYSICIAN PROVIDERS

CCTMC: CEME designates this Live activity for a maximum of 12.0 AMA PRA Category 1 Credit(s)™.

PROCEDURAL ANATOMY PROGRAM: CEME designates this Live activity for a maximum of 8.5 AMA PRA Category 1 Credit(s)™.

ULTRASOUND WORKSHOP: CEME designates this Live activity for a maximum of 3.75 AMA PRA Category 1 Credit(s)™.

*Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSES/EMT-P

CCTMC: 13.5 Contact Hours have been provided by the Air & Surface Transport Nurses Association CECH Certificate 2017-17.

PROCEDURAL ANATOMY PROGRAM: 8 Contact Hours have been provided by the Air & Surface Transport Nurses Association CECH Certificate 2017-15.

ULTRASOUND WORKSHOP: 3.5 Contact Hours have been provided by the Air & Surface Transport Nurses Association CECH Certificate 2017-16.

To register by phone with a credit card, call Patricia Petersen at 801-263-2672, or fax registration form to 801-534-0434 On-line registration available at www.ampa.org

Partial registration refund to March 6, 2017; NO refunds after March 6, 2017.