

Preliminary Program



Advances in
Critical
Care

2020

Webcast Live

October 15-16

Baylor
College of
Medicine

ABOUT THE CONFERENCE

The second annual Advances in Critical Care Conference brings together all members of multidisciplinary teams that care for critically ill patients, both surgical and medical, on a virtual platform. This conference provides an opportunity to connect with colleagues, network and collaborate with critical care experts around the country, and explore state-of-the-art tools, technologies, and care pathways. Highlighting the broad critical care necessary for COVID-19 management there will be engaging speakers and panel sessions on sepsis, ARDS, trauma, ECMO, shock, acute kidney injury, and other cutting-edge topics.

TARGET AUDIENCE

This course is designed for physicians, physician assistants, nurse practitioners, registered nurses, and other medical care providers who must maintain the state-of-the-art knowledge required to care for medical and surgical critical care patients.

LEARNING OBJECTIVES

At the conclusion of the activity the participant should be able to:

- Use the skills gained to implement more efficient/accurate diagnosis processes and treatment techniques to provide improved care for critically ill patients.
- Utilize ECMO, percutaneous mechanical support devices, REBOA, and other tools in the management of critically ill patients.

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Texas Heart Institute and Baylor College of Medicine. Texas Heart Institute is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

Texas Heart Institute designates this live activity for a maximum of **12 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to **12.00 Medical Knowledge MOC points** in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Nurses

CHI St. Luke's Health Baylor St. Luke's Medical Center is an approved provider of continuing nursing education by the Texas Nurses Association - Approver, an accredited approver with distinction by the American Nurses Credentialing Center's Commission on Accreditation.

Up to **13 contact hours** will be awarded for successful completion of this activity. To receive a certificate of completion with awarded contact hours, you are required to sign-in at registration each day, attend the entire program or partially for topics listed on the tracker and return the completed evaluation form each day.

CONFERENCE ORGANIZERS



Subhasis Chatterjee, MD
Assistant Professor of Surgery
Baylor College of Medicine

Director, Thoracic Surgical ICU & ECMO Program
Baylor St. Luke's Medical Center



Kalpalatha K. Guntupalli, MD
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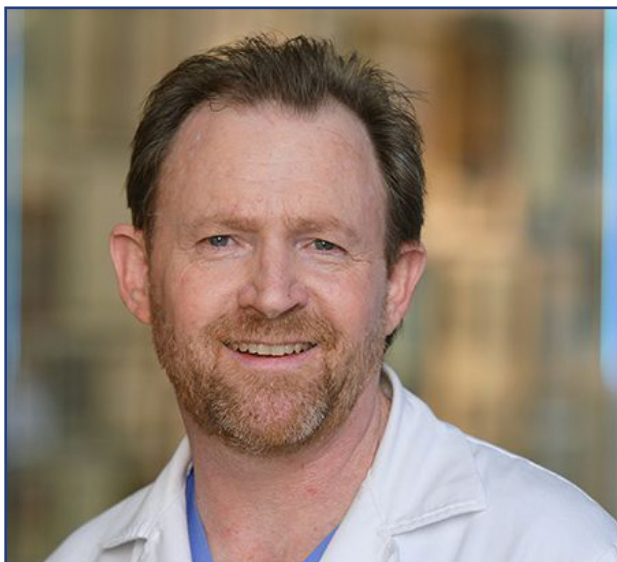
S. Rob Todd, MD
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Medical Director,
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James P. Herlihy, MD
Professor of Medicine-Pulmonary
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ORGANIZING COMMITTEE

Elaine Allbritton
Ashley Benning
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Brenda Jones

Stephanie Jackson
Scott Holmes
Susan Ressler
Todd K. Rosengart, MD

SCIENTIFIC PROGRAM

Thursday, Oct. 15, 2020

7:55-8:00 am Welcome
Drs. Subhasis Chatterjee and S. Rob Todd

Session I: COVID-19: Respiratory Challenge

8:00-8:10 am The Challenge of COVID-19
- Dr. James P. Herlihy

8:10-8:20 am Strategies to Avoid Mechanical Ventilation
- Dr. Amy Sharon Arrington

8:20-8:30 am ARDS Management in COVID-19
- Dr. Chris Howard

8:30-8:40 am Role of ECMO in COVID-19
- Dr. Bindu Akkanti

8:40-8:55 am Panel Discussion
Moderators - Drs. James P. Herlihy
and Muhammad Siddiqui

8:55-9:00 am Break and Exhibits

Session II: COVID-19: Multiorgan Challenge

9:00-9:10 am Combatting Coagulopathy in COVID-19
- Dr. Michele Loor

9:10-9:20 am Cardiac Manifestations of COVID-19
- Dr. Reynolds Delgado

9:20-9:30 am Acute Kidney Injury and COVID-19
- Dr. Michael Shashaty

9:30-9:40 am Multisystem Inflammatory Syndrome in
Children - Dr. Lara Shekerdemian

9:40-9:55 am Panel Discussion
Moderators - Drs. Sergio Trevino
and Kartik Valluri

9:55-10:00 am Break and Exhibits

Session III: COVID-19: Therapeutics

10:00-10:10 am The Role for Steroids in COVID-19
- Dr. Steve Pastores

10:10-10:20 am When to Use Remdesivir in COVID-19
- Dr. Sergio Trevino

10:20-10:30 am Convalescent Plasma in COVID-19
- Dr. Meredith Reyes

10:30-10:40 am Promising Therapeutics on the Horizon
- Dr. James Cutrell

10:40-11:00 am Panel Session
Moderators - Drs. Lavanya Pandit
and Chris Howard

11:00-1:00 pm Exhibitor Showcase

Session: IV: Cardiac Considerations

1:00-1:10pm Catheter Directed Therapy for Massive
Pulmonary Embolism - Dr. Biswajit Kar

1:10-1:20pm Cardiac Arrest: Role for ECMO in 2020
- Dr. Subhasis Chatterjee

1:20-1:30pm Acute Right Ventricular Failure:
Medications and Mechanical Support
- Dr. Andrew Civitello

1:30-1:40pm Wide Complex Tachycardia in the ICU-
Now What? - Dr. Ramesh Hariharan

1:40-1:55pm Panel Session
Moderators - Drs. Subhasis Chatterjee
and Anju Bharadwaj

1:55-2:00 pm Break and Exhibits

Session V: Neurocritical Care

- 2:00-2:10pm Recent Advances for Thrombolytics for Ischemic Stroke - Dr. Eljim Tesoro
- 2:10-2:20pm Upcoming Advances for Intracerebral Hemorrhage - Dr. Claude Hemphill
- 2:20-2:30pm Managing Delirium and Encephalopathy in COVID-19 - Dr. Aarti Sarwal
- 2:30-2:40pm Determining Brain Death - Dr. David Greer
- 2:40-2:55pm Panel Discussion
Moderator - Dr. Chethan Rao
- 2:55-3:00 pm Break and Exhibits

Session VI: Sepsis

- 3:00-3:10pm Rapid Diagnostics and the Syndromic Approach to Sepsis - Dr. Laila Woc-Coburn
- 3:10-3:20pm Biomarkers to Guide Antibiotic Therapy - Dr. Galant Chan
- 3:20-3:30pm How I Use Lactate and SCVO₂ in Sepsis Resuscitation - Dr. Krysta Wolfe
- 3:30-3:40pm POCUS is the Key to Sepsis Resuscitation - Dr. Jose Diaz-Gomez
- 3:40-3:50pm Refractory Septic Shock: Vasoplegia Strategies - Dr. Ashish Khanna
- 3:50-4:05pm Panel Discussion
Moderators - Drs. James P. Herlihy and Chris Morgan

Friday, Oct. 16, 2020

7:00-8:00 am Welcome

Session VII: Gastrointestinal

- 8:00-8:10am When to Call the Surgeon for Acute Pancreatitis - Dr. Dan Bonville
- 8:10-8:20am Management of Esophageal Perforation - Dr. Shawn Groth
- 8:20-8:30am Graft Dysfunction after Liver Transplantation - Dr. Ronald Cotton
- 8:30-8:40am C Diff Colitis: Diagnosis and Optimal Management - Dr. Jennifer Kwon
- 8:40-8:55am Panel Session
Moderators - Drs. Robert Southard and Michele Loor
- 8:55-9:00am Break and Exhibits

Session VIII: Renal

- 9:00-9:10am Are Biomarkers Ready for Prime Time in Acute Kidney Injury - Dr. Jay Koyner
- 9:10-9:20am How I Choose Between RRT Modalities for AKI - Dr. Kianoush Kashani
- 9:20-9:30am Can Contrast Nephropathy Be Prevented? - Dr. Rajeev Raghavan
- 9:30-9:40am How I Approach AKI in the Heart & Lung Transplant Patient? - Dr. Kevin Finkel
- 9:40-9:55am Panel Session
Moderator - Dr. Subhasis Chatterjee
- 9:55-10:00am Break and Exhibits

Session IX: ICU Systems

- 10:00-10:10am The Evolving Role of Decision Support in the ICU - Dr. Brian Pickering
- 10:10-10:20am Telemedicine in the ICU - Dr. Corey Scurlock
- 10:20-10:30am How the COVID Experience will Transform ICU Care - Dr. Greg Martin
- 10:30-10:40am Collaboration across the Texas Medical Center - Dr. Liz Youngblood
- 10:40-10:50am Five Key Takeaways from the COVID Experience - Bela Patel
- 10:50-11:00am How Close are We to a Vaccine for COVID-19 - Dr. Peter Hotez
- 11:00-11:15am Panel Discussion
Moderators - Drs. James P. Herlihy and Kalpalatha K. Guntupalli
- 11:15-1:00pm Exhibitor Showcase

Session X: Trauma

- 1:00-1:10pm Abdominal Compartment Syndrome: Is it Relevant in 2020? - Dr. Chad Wilson
- 1:10-1:20pm Surgical Rib Fixation: Panacea or False Hope - Dr. Robert Southard
- 1:20-1:30pm The Utility of Tranexamic Acid (TXA) - Dr. S. Rob Todd
- 1:30-1:40pm Timing of DVT Prophylaxis in Solid Organ, Spine, and Traumatic Brain Injury - Dr. Michelle McNutt
- 1:40-1:55pm Panel Discussion
Moderators - Drs. S. Rob Todd and Jeremy Ward
- 1:55-2:00pm Break and Exhibits

Session XI: Potpourri (Heme, Nutrition, & Endocrine)

- 2:00-2:10pm Enteral, Parenteral, or Both - How to Feed? Dr. Juan Ochoa Gautier
- 2:10-2:20pm Optimal Management of Adrenal Insufficiency - Dr. James W. Suliburk
- 2:20-2:30pm The Bleeding Patient on DOACs: Now What? - Dr. Art Bracey
- 2:30-2:40pm Systematic Approach to Thrombocytopenia in the ICU - Dr. Martha Mims
- 2:40-2:55pm Panel Session
Moderators - Drs. S. Rob Todd and Marcus Hoffman

Session XII: The Hard Discussions

- 3:00-3:10pm Staff Well Being: COVID-19 and Beyond - Dr. Kalpalatha K. Guntupalli
- 3:10-3:20pm Post Intensive Care Syndrome after COVID-19 - Dr. Dharani Narendra
- 3:20-3:30pm The Good, the Bad, and the Ugly of End-of-Life Decisions - Dr. Silvia Perez-Protto
- 3:30-3:35pm The Difference between a Good and Great Intensivist: Nursing Perspective - Marilia I. Diaz Correa, RN
- 3:35-3:40pm The Difference between a Good and Great Intensivist: Respiratory Therapist Perspective - John Sabo, RRT, RN
- 3:40-3:45pm The Difference between a Good and Great Intensivist: Pharmacy Perspective - Dr. Ellen Yin
- 3:45-3:55pm Panel Session
Moderators - Drs. James P. Herlihy and Subhasis Chatterjee
- 3:55-4:00pm Closing Remarks