Ninth Annual
Cardiovascular Emergencies
Conference 2017

An exploration into the expansion
of time-critical diagnosis

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Sponsored by:
The Ohio State University Heart and Vascular Center,
The Ohio State University Division of Cardiovascular
Medicine and the Ohio Chapter of the American
College of Cardiology

SEPTEMBER 15, 2017
Ohio Union
1739 N. High St.
Columbus, Ohio
TARGET AUDIENCE
Physicians, advanced practice nurses, nurses, physician assistants, EMS and allied healthcare professionals

The Ninth Annual Cardiovascular Emergencies Conference brings together a multidisciplinary group of experts to explore the breadth of options for time-critical diagnosis treatments available at The Ohio State University Wexner Medical Center. Experts in cardiovascular medicine, cardiothoracic surgery, vascular surgery, critical care medicine, trauma surgery and neurovascular critical care will discuss unique program developments and present novel cases that push the boundaries of modern medicine. This course will provide physicians, nurses, allied healthcare providers and emergency medical personnel with information regarding the most current evidence-based practices and treatment modalities and will highlight the importance of interdisciplinary collaboration throughout all phases of care in order to achieve optimal outcomes.

At the conclusion of this activity, participants should be able to:

1. Describe current evidence-based recommendations for the treatment of time-critical diagnosis conditions
2. Identify strategies to integrate current guidelines into practice
3. Describe the importance of interdisciplinary collaboration throughout each phase of care
4. Demonstrate awareness of evolving technologies, therapies and programs that improve outcomes in the treatment of time-critical diagnosis conditions

Course agenda

SEPTEMBER 15 – MAIN SESSION

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<th>Time</th>
<th>Event</th>
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<td>7:45 - 8:30 a.m.</td>
<td>REGISTRATION</td>
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<td>8:30 - 8:45 a.m.</td>
<td>OPENING REMARKS</td>
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<td>8:45 - 9 a.m.</td>
<td>Optimizing Your STEMI Network to Decrease Medical Contact to Reperfusion Time</td>
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<td>9 - 9:15 a.m.</td>
<td>Extracorporeal Cardiopulmonary Resuscitation for Refractory Ventricular Tachyarrhythmias</td>
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<td>9:15 - 9:30 a.m.</td>
<td>Induced Hypothermia Post-Cardiac Arrest: Why, When and How</td>
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<td>9:30 - 9:45 a.m.</td>
<td>A System Approach to Treating Acute Pulmonary Embolism</td>
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<td>9:45 - 10:05 a.m.</td>
<td>Questions and Answers</td>
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<td>10:05 - 10:20 a.m.</td>
<td>BREAK</td>
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<td>10:20 - 10:35 a.m.</td>
<td>Nontraumatic Acute Aortic Emergencies</td>
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<td>10:35 - 10:50 a.m.</td>
<td>Advances in Neuro-Endovascular Care for Acute Stroke</td>
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<td>10:50 - 11:05 a.m.</td>
<td>The Use of New Technology in Mass Casualty Situations and the Intensive Care Unit</td>
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<td>11:05 - 11:20 a.m.</td>
<td>Mandated Emergency Department Care for Sepsis: The New York Experience</td>
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<td>11:20 - 11:40 a.m.</td>
<td>Questions and Answers</td>
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<td>11:40 a.m. - 12:40 p.m.</td>
<td>LUNCH</td>
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BREAKOUT SESSION ONE – CASE PRESENTATIONS

12:40 - 1:40 p.m.  CONFERENCE ROOM A

STEMI – ST-Elevation Myocardial Infarction
Case 1: Multivessel revascularization in STEMI?
Case 2: Radial artery access for STEMI with shock
Case 3: STEMI nightmares
Quinn Capers IV, MD; Scott Lilly, MD, PhD; and Umair Ahmad, MD

12:40 - 1:40 p.m.  CONFERENCE ROOM B

ECLS – Extracorporeal Life Support
Case 1: EMS option for refractory VT ... ECMO in the cath lab?
Case 2: Prolonged CPR with elevated lactate, proceed with ECMO?
Case 3: Is PEA arrest next?
Konstantinos Dean Boudoulas, MD, Abiodun Ishola, MD;
Jennifer Johnson, BSN, RN; David Keseg, MD; Ernest Mazzaferrri Jr, MD;
Bassam Shukrallah, MD; Bryan Whitson, MD, PhD

12:40 - 1:40 p.m.  CONFERENCE ROOM C

Trauma Surgery Case Studies
Case 1: Aortic transection
Case 2: Transmediastinal GSW
Case 3: Run-in with a tree
David Lindsey, MD, and Steven Steinberg, MD

12:40 - 1:40 p.m.  CONFERENCE ROOM D

Acute Pulmonary Embolism
Case 1: Catheter-directed pulmonary artery thrombolytic therapy
Case 2: Acute pulmonary embolus and right atrial thrombus
Case 3: Systemic thrombolytic therapy: Is there still a role?
Talal Attar, MD, MBA, Cindy Baker, MD; Raymond Magorien, MD; and
Nader Makki, MD

1:40 - 1:55 p.m.  BREAK

BREAKOUT SESSION TWO – CASE PRESENTATIONS

1:55 - 2:55 p.m.  CONFERENCE ROOM A

Sepsis
Case 1: Understanding the new definition of sepsis (Sepsis-3)
Case 2: Systematic approach to providing hemodynamic support
in sepsis
Case 3: Bridging the gap in sepsis care from prehospital to ED to ICU
Eric Adkins, MD; Matthew Exline, MD, and Carleen Risaliti, MD

1:55 - 2:55 p.m.  CONFERENCE ROOM B

ECLS – Extracorporeal Life Support
Case 1: EMS to ECMO in the cath lab? A system approach to ECLS
Case 2: Prolonged CPR with elevated lactate, proceed with ECMO?
Case 3: Is PEA arrest next?
Konstantinos Dean Boudoulas, MD, Abiodun Ishola, MD;
Jennifer Johnson, BSN, RN; David Keseg, MD, Ernest Mazzaferrri Jr, MD;
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1:55 - 2:55 p.m.  CONFERENCE ROOM D

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*Members of the conference planning committee
ACCESSING YOUR CME CERTIFICATE

Printing your Continuing Medical Education (CME) certificate: Your certificate will be available on the Ohio State CME website in two weeks. Please visit ccme.osu.edu.

Having problems printing your CME certificate? For assistance please contact:

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ACCESSING THE CLOUD FOR COURSE SYLLABUS AND SLIDES

To enhance the “green” nature of our conference, paper syllabi will not be available. However, copies of all presentations will be available for download after the conference from BuckeyeBox, the university’s cloud server.

If you wish to access the cloud for the course syllabus and slides and had not requested access prior to the conference, please email Holly Tufts at holly.tufts@osumc.edu to request access to the Cardiovascular Emergencies Conference Cloud. Please be sure to include your name and email address in the request.

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