



AT THE FOREFRONT

UChicago
Medicine

2019 ACUTE CIRCULATORY SUPPORT SYMPOSIUM

COURSE DIRECTOR

Tae Song, MD
Director, Acute Circulatory Support
University of Chicago Medicine

THE UNIVERSITY OF CHICAGO MEDICINE

Billings Hospital
5841 S. Maryland Ave.
Chicago, IL

KEYNOTE SPEAKER

Robert H. Bartlett, MD
Professor of Surgery Emeritus
The University of Michigan

Register at:

cme.uchicago.edu/ACSS2019

OCT 21-22, 2019



CONFERENCE DESCRIPTION

This Symposium provides an overview of the fundamentals of Acute Circulatory Support with a full day of lectures and a half day of didactic workshops. Topics will include patient management, program building, team management, cannulation techniques, emergency situations, ethical issues, and patient mobilization and transportation. The goal of this activity is to enhance the knowledge and skills required for acute circulatory support management by providing participants with evidence-based practices that will improve patient outcomes.

LEARNING OBJECTIVES

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

- *Select patients for whom Acute Circulatory Support would be appropriate using an evidence based approach*
- *Identify how to apply the fundamentals of Acute Circulatory Support management across all patient populations*
- *Modify Acute Circulatory Support treatment plans based on patients' individual clinical parameters*
- *Perform appropriately in medical and mechanical challenges and emergency situations pertaining to Acute Circulatory Support patients*
- *Identify the function of each component of equipment used during Acute Circulatory Support*
- *Describe common clinical and mechanical challenges and emergencies during Acute Circulatory Support management, including patient mobilization and transport*
- *Assess the interprofessional needs of an institution that aspires to provide acute circulatory support*

TARGET AUDIENCE

This activity has been designed for healthcare professionals in Anesthesiology, Cardiology, Cardiac and Thoracic Surgery, Critical Care, Perfusion, Pharmacy, Pulmonology, Physical Therapy, Occupational Therapy, Respiratory Therapy, and other healthcare providers interested in Acute Circulatory Support as part of their practice.

ACCREDITATION AND CREDIT DESIGNATION

Physician Credit

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 10.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Credit

The University of Chicago Medicine is an approved provider of continuing nursing education by the Ohio Nurses Association, an accredited approver by the

American Nurses Credentialing Center's Commission on Accreditation. (OBN-001-91) (OH-355)

This live activity is designated for a maximum of 10.5 continuing nursing education units.

Physical Therapist & Occupational Therapist Credit

The University of Chicago Medical Center is a licensed continuing education provider with the Illinois Department of Financial and Professional Regulation for Physical Therapy, license # 216-000030. All participants will be provided with a certificate of attendance. This course is approved for 10.5 continuing education hours for licensed therapists (PT, PTA, OT, or COTA) in Illinois. The University of Chicago Medical Center has not applied to any other state for therapist CE credit. Participants will need to do this individually through their jurisdiction outside of Illinois.

Other Healthcare Professions Credit

Other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of certificates of participation for *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME, please consult your professional licensing board.

EDUCATIONAL GRANTS/COMMERCIAL SUPPORT

A complete listing of commercial support received will be provided in the conference materials.

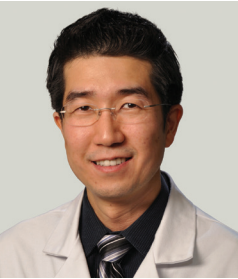
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As a provider accredited by the ACCME, The University of Chicago Pritzker School of Medicine asks everyone who is in a position to control the content of an education activity to disclose all relevant financial relationships with any commercial interest. This includes any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME defines "relevant financial relationships" as financial relationships in any amount, occurring within the past 12 months, including financial relationships of a spouse or life partner that could create a conflict of interest. Mechanisms are in place to identify and resolve any potential conflict of interest prior to the start of the activity.

Additionally, The University of Chicago Pritzker School of Medicine requires Authors to identify investigational products or off-label uses of products regulated by the US Food and Drug Administration at first mention and where appropriate in the content.

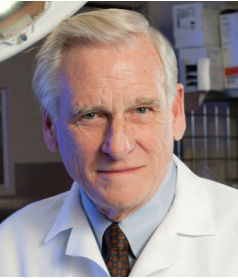
CONFERENCE FACULTY

Course Director



Tae Song, MD
Director, Acute MCS Program
Surgical Director, Lung Transplant Program
Assistant Professor, Cardiac Surgery
University of Chicago Medicine

Keynote Speaker



Robert H. Bartlett, MD
Professor of Surgery Emeritus
University of Michigan

Course Faculty Lecturers

Tina Boersma, MSN, RNC-NIC
ECMO Specialist, Pediatric Nurse
University of Chicago Medicine

Nikunj K. Chokshi, MD
Assistant Professor of Pediatric Surgery
University of Chicago Medicine

Chawki El-Zein, MD
Pediatric Cardiac Surgeon, Advocate Children's Hospital
Clinical Associate Professor of Surgery,
University of Illinois at Chicago
University of Chicago Medicine

Michele Emory, PA-C, MMS
Physician Assistant Specialist
CTS/Critical Care Medicine
Emory Center for Critical Care

Cheryl L. Esbrook, OTR/L, BCPR
Program Coordinator, Occupational Therapy
Professional Development
University of Chicago Medicine

Narutoshi Hibino, MD, PhD
Associate Professor of Pediatric Cardiac Surgery
University of Chicago Medicine
Advocate Children's Hospital

Vika Kagan, MSN, APN-BC
Lead MCS APN
Section of Cardiac Surgery
University of Chicago Medicine

Gene H. Kim, MD
Assistant Professor of Medicine
Interim Medical Director, Advanced Heart Failure and Cardiac Transplant Program
University of Chicago Medicine

Colleen LaBuhn, MSN, APN-C, CCRN
Cardiac Surgery Program Manager
University of Chicago Medicine

Kristen Nelson McMillan, MD
Associate Professor, Department of Pediatrics
University of Chicago Medicine
Advocate Children's Hospital
Advocate Children's Heart Institute

Ryan Piech, MS, MBA, CCP
Chief of Perfusion
University of Chicago Medicine

Charles Rhee, MD
Assistant Professor of Medicine
Director, Hospice and Palliative Medicine Fellowship Program
University of Chicago Medicine

Rebecca Rose, BA, RRT-NPS
Manager, Acute MCS Program
University of Chicago Medicine

Megan Stulberg, PT, DPT, CCS
Senior Physical Therapist
Program Coordinator, Cardiac and Pulmonary Rehabilitation
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Chief, Pediatric Perfusion
Advocate Children's Hospital

Luca A. Vricella, MD
Professor of Surgery
Director, Pediatric Cardiac Surgery
University of Chicago Medicine
Advocate Children's Hospital

Jannie White, RN, BSN, CFRN
Flight Nurse/Education Coordinator
University of Chicago Aeromedical Network
University of Chicago Medicine

Geoffrey Wool, MD, PhD
Assistant Professor of Pathology
Medical Director of Coagulation Laboratory
University of Chicago Medicine

Course Coordinator

Christopher Stoj, MA
Administrative Specialist
Section of Cardiac Surgery
University of Chicago Medicine

CONFERENCE AGENDA

Monday, October 21

FACULTY LECTURES	
7:00AM	Breakfast & Registration
8:00	Welcome and Introductory Remarks <i>Colleen LaBuhn, MSN, APN-C, CCRN</i>
8:10	History of Acute Circulatory Support; current status; indications, contraindications <i>Tae Song, MD</i>
8:40	Daily Management of Patients on Acute Circulatory Support <i>Vika Kagan, MSN, APN-BC</i>
9:10	Acute MCS as a Bridge to Long-Term Advanced Heart Failure Therapy <i>Gene H. Kim, MD</i>
9:40	Break
10:00	Early Activity and Mobilization <i>Cheryl L. Esbrook, OTR/L, BCPR</i>
10:30	Acute Circulatory Support in Congenital Cardiac Patients <i>Chawki El-Zein, MD</i>
11:00	Pediatric Acute Circulatory Support, Ethical & Social Aspects <i>Kristen Nelson McMillan, MD</i>
11:30	Physiology of Pediatric Disease States Supported with Extracorporeal Circulation <i>Nikunj Chokshi, MD</i>
12:00PM	Lunch
12:50	Keynote Address Extracorporeal Support for Shock <i>Robert H. Bartlett, MD</i>
1:30	Emergencies & Complications <i>Ryan Piech, CCP</i>
2:00	Technical Considerations of Acute Circulatory Support <i>Michele Emory, PA-C</i>
2:30	Break
2:50	Integration of Palliative Care into the Mechanical Circulatory Support Team <i>Charles Rhee, MD</i>
3:20	Building An Effective Team for Acute Circulatory Support: The Role of the Program Manager <i>Colleen LaBuhn, APN</i>
3:50	Acute Circulatory Support, Transport and Flight <i>Jannie White, RN</i>
4:20PM	End of Day Remarks

Tuesday, October 22

BREAKOUT SESSIONS	
7:15AM	Breakfast & Registration
8:00	Greeting & Introductory Remarks <i>Vika Kagan, MSN, APN-BC</i>
8:15	Session I: Select 1 of 3
	Equipment overview & More <i>Ryan Piech, CCP & Cyndi Urbas, CCP</i>
	Cannulation in Adult Acute MCS <i>Tae Song, MD</i>
	Wet Lab: Pediatric Cannulation Simulation <i>Narutoshi Hibino, MD, PhD and Luca A. Vricella, MD</i>
9:15	Session II: Select 1 of 3
	Principles of Daily Circuit Management <i>Tina Boersma, MSN, RNC-NIC and Rebecca Rose, BA, RRT-NPS</i>
	Technical Aspects/Cannulation in Pediatric Acute MCS <i>Narutoshi Hibino, MD, PhD</i>
	Wet Lab: Basic Adult Cannulation Simulation <i>Tae Song, MD</i>
10:05	Break
10:30	Session III: Select 1 of 3
	Physiology of Oxygenation, Ventilation, and Coagulation <i>Geoffrey Wool, MD, PhD</i>
	Weaning/Decannulation of Adults; Complex Cases/Questions <i>Tae Song, MD</i>
	Wet Lab: Advanced Pediatric Cannulation Simulation <i>Narutoshi Hibino, MD, PhD and Luca A. Vricella, MD</i>
11:30	Session IV: Select 1 of 3
	Patient Safety & Mobilization Simulation <i>Cheryl Esbrook, OTR/L and Megan Stulberg, DPT</i>
	Weaning/Decannulation of Neonates & Children; Complex Cases <i>Narutoshi Hibino, MD, PhD</i>
	Wet Lab: Advanced Cannulation Simulation: Upper Body Hypoxia, LV Unloading Techniques, Temporary VADs, Acute Ambulatory MCS <i>Tae Song, MD</i>
12:30PM	End of Day

Agenda subject to modification without notice.

REGISTRATION INFORMATION

How To Register

 **ONLINE**

<https://cme.uchicago.edu/ACSS2019> (credit card payment only)

FEES	Early Bird Discount (Before Sept. 18, 2019)	Regular
Physicians	\$125	\$150
Allied Health Professionals	\$75	\$100
Industry Representative	\$225	\$250

Optional Activity	Additional Cost
Simulation Lab (Fee applies to Wet Lab Only)	\$50 (Per Wet Lab Session)

Cancellation Policy

If you cancel your participation in this conference, your registration fee will be refunded when written notification is received by **Friday, October 4, 2019**. No refunds will be made after **Friday, October 4, 2019**.

Accessibility

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-795-3707 or via email at cstoj@uchicago.edu.

For additional information about this activity, please contact the Center for Continuing Medical Education at 773-702-1056.





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