

CE CLINICAL CONTINUING EDUCATION

The purpose of this two-day conference is to highlight the latest evidence-based practice and strategies for the management of critically ill patients with obesity and other critical care issues.

Intended Audience: Nurses, Physicians, Hospitalists, Advanced Registered Nurse Practitioners, Physician Assistants, Pharmacists, Respiratory Therapists, Physical Therapists, Occupational and Speech Therapists, Dieticians and Social Workers.

Management of the Critically Ill Patient with Obesity: 2nd Annual Interprofessional Conference

NOVEMBER 3-4, 2022

RADISSON HOTEL & CONFERENCE CENTER
1220 1ST AVENUE
CORALVILLE, IA

Sponsored by:

Intensive and Specialty Services Nursing Division, Department of Nursing
University of Iowa Hospitals & Clinics

University of Iowa Carver College of Medicine Critical Care Physicians





KEYNOTE SPEAKER

Jesse Hall, MD, FCCP, FCCM

Dr. Jesse Hall is a Professor Emeritus of Medicine, Anesthesia and Critical Care and former Section Chief of Pulmonary and Critical Care Medicine at the University of Chicago. He earned his medical degree and completed his residency and fellowship at the University of Chicago, continuing on at this institution building a career devoted to clinical investigation and clinical scholarship. His focus has been to evolve the critical care units as sites for exemplary patient care, classrooms for students of critical care, and laboratories for the study of the pathophysiology of and outcomes from critical illness.

Educational Objectives:

- Describe interprofessional management of the critically ill patient with obesity.
- Identify strategies to improve outcomes in critically ill patients with obesity.
- Discuss the use of technology and emerging therapies in the management of critically ill patients with obesity.

University of Iowa Hospital & Clinics Program Co-Directors:



Kevin Doerschug, MD, MS, FCCP, Clinical Professor
Internal Medicine, Medical
Director, Medical Intensive
Care Unit



John Swenning, MBA, RN, CENP
Director of Intensive & Specialty
Services Nursing, Emergency
Medicine Nursing

Continuing Medical Education (CME) Accreditation:

The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CME Credit Designation: The University of Iowa Carver College of Medicine designates this live activity for a maximum of 10.75 *AMA PRA Category 1 Credit(s)*TM for **both days; (6.5 Thursday and 6.5 Friday)**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses

Iowa nurses may use participation in ACCME-accredited education toward their CE requirement for licensure. A certificate of participation will be available after successful completion of the course. (Nurses from other states should confirm with their licensing boards that this activity meets their state's licensing requirements.)

Disclosure Policy:

Everyone in a position to control the content of this educational activity will disclose to the CME provider and to attendees all relevant financial relationships with any commercial interest.

- 7:30am Registration/Continental Breakfast
- 8:00 Welcome and Introductions
- 8:10 **Obesity: Implications for Critical Care**
Jesse Hall, MD , FCCP, FCCM
- 9:10 **Cardiac Physiology in the obese patient**
Archit Sharma, MD, MBA
- 9:30 **Respiratory Physiology of Obesity**
Jeffrey Wilson, MD
- 9:50 **Airway Management in Critical Care Obesity**
Kevin Doerschug MD, MS, FCCP
- 10:10 Break
- 10:30 **Understanding and Mitigating Implicit Bias in Caring for Patients with Obesity**
David J. Moser, Ph.D.
- 10:50 **Safe patient handling: Reducing Risk with Evidence-Based Interventions**
Karen Stenger, MA, RN, CCRN
- 11:10 **Sedation in the Obese Mechanically Ventilated Patient**
Ann Zepeski, PharmD, BCPS
- 11:30 TBA
- 11:50 **Role of capnography in monitoring obese patients**
Boulos (Paul) Nassar, MD, MPH, FCCP
- 12:10 Lunch
- 1:10 **Mechanical Ventilation and PEEP**
Gregory A. Schmidt, MD, FCCP
- 1:30 **Tracheostomy Emergencies**
Shawn T. Simmons, MD, FASA
- 1:50 **Peer Pressure**
Kevin Doerschug MD, MS, FCCP
- 2:05 **How to Choose: Noninvasive Ventilation vs High Flow Nasal Cannula**
Rachael Stadlen, DNP, ARNP
- 2:25 Break
- 2:40 **Perioperative care of the Morbidly Obese Critically Ill Patient**
Yasser M. El-Hattab, MBCHB, FRCA, MME
- 3:00 **Preventing Skin Breakdown in Patients with Obesity**
Ellie Spilman, BSN, RN, CWOCN
- 3:20 **Avoiding Hospital Acquired Pressure Ulcers with Respiratory Therapy Equipment**
Ryan Frede, BS RRT-NPS
- 3:40 **Surgical Management of Pressure Injury**
Dionne Skeete, MD, FACS
- 4:00 **Necrotizing Fasciitis**
Robert Bertellotti, MD
- 4:20 Evaluation
- 4:30 Recess

- 7:30am Registration/Continental Breakfast
- 8:00 Welcome and Introductions
- 8:10 **Pearls in the Critical Care Management of the Patient with Obesity**
Jesse Hall, MD, FCCP, FCCM
- 8:40 **Health Consequences of Weight Stigma**
April Prunty PhD, RN, NPD-BC
- 9:00 **Critical Care Sedation and Obesity**
TBA
- 9:20 **ECMO Data in Patients with Super Obesity**
Gregory A. Schmidt, MD, FCCP
- 9:40 **Decompensated Sleep Disordered Breathing**
Brian K. Gehlbach, MD
- 10:00 Break
- 10:20 **The Long and Short of Vascular Access in Obese Patients**
Kathryn Trautman, MSN, RN, CMSRN
- 10:40 **Ultrasound Guided Fluid Assessment for Obese Patients**
Allison Wynes, ACNP-BC, FCCP, DNP
- 11:00 **Choosing anticoagulants in obese patients with venous thromboembolism**
Boulos (Paul) Nassar MD, MPH, FCCP
- 11:20 **Anticoagulation in Obesity**
Ryan A. Hobbs, BS Pharm, BCPS
- 11:40 **Mobility and Rehabilitation Considerations for the Patient with Obesity**
Danielle Lavrenz, DPT & Danielle Burnmeister, OTR/L
- 12:00 Lunch
- 1:00 **Informed Assent in Goals of Care**
Daniel Miller, MD
- 1:20 **Considering Obesity in Critical Illness**
Leon Jons, MD
- 1:40 **Nutrition in the Critically Ill Obese Patient**
Sarah Davis, MS, RD/LD, CNSC
- 2:00 **Transport of the Critically Ill Obese Patient**
TBA
- 2:20 Break
- 2:35 **Nursing Management of the Patient with Obesity**
Nicole Wiltfang, RN, BSN, CCRN
- 2:55 **Mechanical Ventilation—High Pressures**
Kevin Doerschug MD, MS, FCCP
- 3:15 **Proning in Obesity**
Seth Jackson, BSN, RN
- 3:35 **Long term impact from COVID**
Alejandro Comellas, MD
- 3:55 **Closing Topic TBA**
- 4:15 Evaluation
- 4:20 Adjourn

University of Iowa Hospitals & Clinics Speakers

Robert Bertellotti, MD, Clinical Associate Professor, Surgery

Danielle Burmeister, OTR/L, Senior Occupational Therapist, Rehabilitation Therapies

Alejandro Comellas, MD, Clinical Professor of Internal Medicine-Pulmonary, Critical Care and Occupational Medicine

Sarah Davis MS, RD, LD, CNSC, Dietitian II

Kevin Doerschug, MD, MS, FCCP, Clinical Professor, Internal Medicine and Medical Director, Medical Intensive Care Unit

Yasser M. El-Hattab, MBCHB, FRCA, MME, Clinical Associate Professor, Anesthesia

Ryan Frede, BS, RRT-NPS, Respiratory Care Supervisor

Brian Gehlbach, MD, Clinical Professor, Internal Medicine, Pulmonary, Critical Care and Occupational Medicine; Clinical Professor, Neurology

Ryan A. Hobbs, BS Pharm, BCPS, Assistant Professor, College of Pharmacy

Seth Jackson, BSN, RN, ECMO Specialist and Staff Nurse, Medical Intensive Care Unit; Evidence Based Practice Mentor

Leon Jons, MD Clinical Associate Professor, Internal Medicine

Danielle Lavrenz DPT, Senior Physical Therapist, Rehabilitation Therapies

Daniel Miller, MD, Clinical Associate Professor of Emergency and Palliative Medicine

David J. Moser, Ph.D, Professor, Psychiatry, Neuropsychologist, Director, Educational Outreach—Carver College of Medicine, Office of Diversity

Boulos (Paul) Nassar, MD, MPH, FCCP, Clinical Associate Professor, Internal Medicine

Gregory A. Schmidt, MD, FCCP, Professor, Internal Medicine, Pulmonary, Critical Care and Occupational Medicine; Associate Chief Medical Officer; Director, Critical Care

Archit Sharma MD, MBA, Assistant Professor, Anesthesiology and Critical Care

Shawn Simmons MD, FASA, Medical Director, Surgical and Neurosciences Intensive Care Unit

Dionne A. Skeete MD, FACS, Director, Acute Care Surgery; Medical Director, Trauma Services and Surgery Specialty Clinic; Clinical Professor, Surgery - Acute Care Surgery

Ellie Spilman, BSN, RN, CWON, Nurse Clinician, Adult Wound and Ostomy

Rachael Stadlen, DNP, ARNP, Nurse Practitioner, Medical Intensive Care Unit

Karen Stenger, MA, RN, CCRN, Nursing Practice Leader, Intensive and Specialty Services

Kathryn Trautman, MSN, RN, CMSRN Nursing Practice Leader, Leads the Vascular Access Team (VAT) at UIHC

Jeffrey Wilson, MD, Director, Cardiopulmonary Exercise Laboratory, Pulmonary Rehabilitation Services, Pulmonary Disease; Director, Critical Care Fellowship Program; Clinical Professor, Internal Medicine— Pulmonary, Critical Care and Occupational Medicine

Nicole Wiltfang, BSN, RN CCRN, Assistant Nurse Manager, Medical Intensive Care Unit

Allison Wynes, ACNP-BC, FCCP, DNP, Advanced Registered Acute Care Nurse Practitioner, Internal Medicine

Anne Zepeski PharmD, BCPS, Clinical Pharmacist, Emergency Medicine

Guest Faculty

Jesse Hall, MD, FCCP, FCCM, Professor Emeritus, Medicine and Anesthesia & Critical Care, University of Chicago

April Prunty PhD, RN, NPD-BC, Chief Nurse, Designated Learning Officer, Education, Minneapolis VA Health Care System

Schedule and speakers are subject to change. Faculty are staff of UI Healthcare and/or University of Iowa Colleges unless otherwise indicated.

The UI Hospitals & Clinics Department of Nursing's continuing education programs are developed under the supervision of Lou Ann Montgomery, PhD, RN-BC.

Determination of educational content for this program and the selection of speakers are responsibilities of the program director and planning committee. Firms providing financial support did not have input in these areas.

REGISTRATION

Registration Fee

Both Days: Physicians \$200, All other attendees \$150 (add \$20 if postmarked after 10/03/22)

Thursday, November 3: Physicians \$180, All other attendees \$130 (add \$20 if postmarked after 10/03/22)

Friday, November 4: Physicians \$180, All other attendees \$130 (add \$20 if postmarked after 10/03/22)

Cancellation fee \$45 until 4 days before the event.

Register Online: *Click the link:* [Management of the Critically Ill Patient with Obesity: 2nd Annual Interprofessional Conference - University of Iowa Roy J. and Lucille A. Carver College of Medicine - Continuing Education \(CE\) - Management of the Critically Ill Patient with Obesity: 2nd Annual Interprofessional Conference \(cloud-cme.com\)](#)

GENERAL INFORMATION

Location/Lodging:

The conference will be held at the Radisson Hotel & Conference Center, 1220 1st Avenue, Coralville, IA (north at I-80, exit 242 and adjacent to the Hampton Inn). A block of rooms has been reserved. Call the Radisson Hotel directly at 319-351-5049 or 1-800-333-3333 by 10/02/2022; ask for the

Interprofessional Critical Care Conference Block.

Parking:

Free parking is available at the Radisson Hotel & Conference Center.

Acknowledgements:

We gratefully acknowledge the generous support of this program from vendor exhibitors. A complete list of exhibitors will be included in the program information packet.

Pre-registration Required.

Confirmation and receipts provided only upon request.

Refund Policy:

Refund minus \$45 fee until 4 days before the event.

Confirmation and receipts provided only upon request. Room temperatures fluctuate; dress accordingly.

Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Department of Nursing in advance at (319) 356-1238.

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