

COVENANT INPATIENT PHYSICIAN PRACTICES

Internet eLearning Enduring Material

Early Goal-Directed Therapy in Sepsis

Course Overview / Description

This presentation highlights evidence-based resuscitation guidelines in patients with severe sepsis and septic shock. This course will weigh the evidence behind it to comply with best evidence-based practices.

Learning Objectives

At the end of this presentation, participants will be able to understand:

- Identify the necessity of early IV fluid resuscitation.
- Understand the importance of resuscitation markers and the effect on outcome in patients with severe sepsis and septic shock.
- Understand evolution of early goal-directed therapy in sepsis.

Speaker



Omer Mirza, MD, FCCP

Dr. Mirza is a board-certified Critical Care Intensivist at Covenant HealthCare. Dr. Mirza completed his Critical Care Fellowship training at Sunnybrook Hospital. In addition to being a Critical Care Intensivist, Dr. Mirza is the Medical Director of the Critical Care Physician's at Covenant HealthCare and Community Faculty at CMU College of Medicine. He represents Critical Care on multiple committees at Covenant HealthCare, including, but not limited to: Covenant Medical Group –Keystone Committee, Restrain Committee, Sepsis Steering Committee, Medical Executive Committee, Antimicrobial Stewardship and Infection Prevention and Control Committee. Dr. Mirza is a member of numerous professional societies, including the Society of Critical Care Medicine.

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Covenant Critical Care Grand Rounds: Inpatient Physician Practices

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Activity Director / Course Planner / Speaker



Amjad Nader, MD, FCCP

Dr. Nader is a board-certified Critical Care Intensivist at Covenant HealthCare. Dr. Nader completed his Critical Care Fellowship training at Geisinger Medical Center where he serves as Chief Fellow. In addition to being a Critical Care Intensivist, Dr. Nader is the associate Medical Director of the Critical Care Physicians at Covenant HealthCare and Community Faculty at Central Michigan University College of Medicine. Dr. Nader is a member of numerous professional societies, including the Society of Critical Care Medicine. Dr. Nader represents Critical Care on multiple committees at Covenant HealthCare, including, but not limited to: Covenant Medical Group – Network Operating Council, Keystone Committee, Inpatient Physician Advisory Council, ICU Collaborative, Pharmacy and Therapeutics Committee, Sepsis Steering Committee, and more.

Target Audience: Physicians, Nurses, PAs, Advanced Clinical Practitioners, all healthcare professionals

Disclosure: Dr. Mirza and Dr. Nader have no relevant financial relationships with ineligible companies.

Cost: None

Accreditation

This enduring material 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 Central Michigan University (CMU) College of Medicine and Covenant Healthcare Inpatient Physician Practices. CMU College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

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References and Documentation:

- The ProCESS Investigators. A randomized trial of protocol-based care for early septic shock. *N Engl J Med* 2014;370:1683-1693
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- Maitland K, Kiguli S, Opoka RO, et al. Mortality after fluid bolus in African children with severe infection. *N Engl J Med*. 2011;364(26):2483-95.
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- Hjortrup PB, Haase N, Bundgaard H, et al. Restricting volumes of resuscitation fluid in adults with septic shock after initial management: the CLASSIC randomised, parallel-group, multicentre feasibility trial. *Intensive Care Med*. 2016;42(11):1695-1705

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