

 *Nova Biomedical's Educational Webinar Series Presents:*

Best Practices for Managing Sepsis and Septic Shock Including the Use of ePV

Sepsis is a life-threatening condition marked by organ dysfunction and other physiologic changes caused by a host response to infection. Although the prognosis of patients with sepsis has improved through advances in critical care management, mortality from sepsis remains high. Devang Sanghavi, MD, Vice Chair of Practice, Critical Care Medicine, Mayo Clinic, will review key considerations and controversies surrounding sepsis identification and resuscitation. He will review clinical studies of estimated plasma volume (ePV), an important new tool for managing the volume status of sepsis patients.

Learning Objectives:

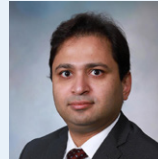
Sepsis identification and definition

The Sep1 metric. Does it really matter?

- Early and appropriate antibiotic administration
- Markers of perfusion: Lactate vs central venous oxygen saturation (SCVO₂)
- Fluid management: Crystalloids 30 cc/kg or less
- Volume assessment
- Timing of pressor initiation

Role of AI in inpatient identification of sepsis

Use of ePV for managing volume status of sepsis patients



Primary Speaker

Devang Sanghavi, MD, MHA, FCCP
Vice Chair of Practice, Critical Care Medicine
Director, MICU; Chair, Sepsis Work Group
Associate Professor of Medicine
Mayo Clinic

ePV Assessment in Critical Illness

Fluid resuscitation is a mainstay in the treatment of sepsis. However, as reported in previous studies, a positive fluid balance may be associated with a worse prognosis. Dennis Begos, MD, Senior Director of Medical and Scientific Affairs for Nova Biomedical, will review the use of ePV status to assess fluid balance in critical illnesses including sepsis. A comprehensive blood gas/critical care analyzer that now includes ePV as part of its 22-test profile will be described.



Speaker

Dennis Begos, MD, FACS, FACRS
Senior Director
Medical and Scientific Affairs
Nova Biomedical

Webinar Dates:

Wednesday, March 20, 3 pm Eastern Time

Thursday, March 28, 1 pm Eastern Time

Register Now:

novabiomedical.com/sepsis



This program offers 1 hour of P.A.C.E. continuing education credits. Nova Biomedical is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program.

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