



## Neonatal Sepsis and the Early Onset Sepsis (EOS) Calculator

### **Live Activity**

**Date:** 10/19/2021

**Time:** 02:00 pm or 10:00 pm Central time (60 mins)

**Location:** Huntsville, TX

### **Accreditation**

The Mednax Center for Research, Education, Quality and Safety is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

The Mednax Center for Research, Education, Quality and Safety designates this Live Activity for a maximum of 1.0 *nursing contact hour(s)*. Participants should claim only the credit commensurate with the extent of their participation in the activity.

### **Mitigation of Relevant Financial Relationships**

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### **Disclosure of Financial Relationships**

*The planners, moderators or speakers of this activity have the following financial relationship(s) with ineligible companies to disclose:*

**Cathryn Moody, MSN, APRN, NNP-BC:** I have no financial relationships to report. *FDA Disclosures:* None to report.

**Katy Harig, RN:** I have no financial relationships to report.

**Nicole Brenson, MS.Ed.:** I have no financial relationships to report.

### **Commercial Support**

There is no commercial support for this educational activity.

### **Overview**

The Early Onset Sepsis (EOS) Calculator is a tool to calculate the probability of neonatal early-onset sepsis based on maternal risk factors and the Infant's clinical presentation. Intended for the use of clinicians trained and experienced in the care of newborn infants, this tool calculates the risk of early-onset sepsis in an infant born > 34 weeks gestation and produces the probability of early onset sepsis per 1000 babies. This presentation will address the evidence behind use of the EOS calculator and the importance of appropriate use of antibiotics on clinical outcomes.

### **Learning Outcomes**

*At the conclusion of this activity, the participant will be able to:*

1. Identify appropriate patients in which to utilize the Early Onset Sepsis (EOS) calculator.
2. Identify the necessary data points for input into the EOS calculator.

3. Describe risk factors associated with early onset sepsis.

***IOM Competencies***

- Provide patient-centered care
- Employ evidence-based practice

***Evaluation, Attendance and Credit:***

Within <https://mednax.cloud-cme.com>, click My CE and then select Evaluations and Certificates. Follow the instructions to record attendance/time spent and complete the brief evaluation. You will have the option to email the certificate of attendance to your mailbox.