

Appropriate Caffeine Use in the NICU

Topic: There will be a review and discussion on the risks and benefits of early caffeine therapy on preterm infants within the neonatal intensive care unit (NICU) using three journal articles. Thereafter, there will be a discussion as to whether there is evidence to change current practice and, if so, what changes should be implemented.

Date: 1/23/2020

Location: Henrico, VA

Accreditation:

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Lisa Scott, NNP Disclosure(s) - I/we have no financial relationships to report.

Commercial Support:

There is no commercial support for this educational activity.

Purpose or Gap:

There is lack of consensus within this practice group about the timing of discontinuing caffeine in VLBW infants. Recent articles have shown that longer duration caffeine therapy may improve developmental outcomes. The goal of this educational activity is to review the evidence and to determine if we as a practice group can reach agreement about appropriate timing of caffeine.

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

ACCME Objectives

1. Describe the evidence regarding the effect of caffeine use in preterm infants in developmental outcomes
2. State which factors need to be taken into account when determining when caffeine should be discontinued in VLBW infants

CME – ACGME/ABMS Competencies – medical knowledge, patient care or procedural skills, and practice-based learning and improvement

ANCC Learning Outcomes

1. Describe the evidence about the effect of caffeine on developmental outcome
2. State which factors need to be taken into account when determining when caffeine should be discontinued

CNE – IOM Competencies: 1. Work In Interdisciplinary Teams; 2. 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.