

NICU Pearls and Controversies



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Purpose: To educate critical care providers on the current possible treatments for a patent ductus arteriosus (PDA) closure, when it is clinically applicable to close the PDA and what happens if medical treatment fails. To educate clinicians on the current evidence for neonatal refeeding syndrome in very-low birth weight premature infants, as well as prevention and treatment strategies for management. To educate clinicians on recent ASPEN guidelines involving the administration of parenteral nutrition and newer lipid injectable emulsions in neonatal/pediatric patients.

Learning Objectives:

Upon completion of this activity, participants should be able to:

- Describe the reasons to promote the closure of a ductus arteriosus in both very low birth weight preterm infants and full term infants
- Describe the agents available for pharmacologic closure of a patent ductus arteriosus
- Describe the interventional options (e.g., catheter based and surgical based) to close a patent ductus arteriosus
- Describe the risk factors for neonatal refeeding syndrome (RS) and strategies for prevention and treatment
- Summarize current evidence surrounding recent ASPEN guidelines for parenteral nutrition filtering requirements, photoprotection of parenteral nutrition, and the safe use of newer lipid injectable emulsion for neonatal patients

Target Audience: Nurses

Type of Activity: Knowledge

2022 participants who registered for the live program, please use the access code provided to you by email.

Release and Most Recent Review Date: September 30, 2022

Fee: \$10 (or \$70 for all 10 courses). For C4

Expiration Date: September 19, 2024

Estimated time to complete activity: 1.0 contact hour CNE

Location: Please visit <https://medicinece.uic.edu/> to participate in this activity.

Continuing Nursing Education Statement:



UI Health is approved as a provider of nursing continuing professional development by the Ohio Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. (OBN-001-91).

In regard to successful completion and contact hours being awarded: 1.0 Continuing Nursing Education contact hours will be awarded to participants who complete the activity.

How to Earn Credit:

Participants must complete the activity as described above in the Continuing Nursing Education Statement by viewing the entire presentation video, successfully completing the post-test (score of 80% or higher), and completing an activity evaluation. A certificate of completion will be issued after all requirements as described are completed.

Hardware/Software and Internet Requirements can be found at <https://medicinece.uic.edu/>

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