

NNP Module 3: General Management of Newborn

Release Date: March 30, 2019

Expiration Date: March 29, 2022

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. (#PO258)

The MEDNAX Center for Research, Education, Quality and Safety designates this enduring activity for a maximum of 6.00 *nursing contact hour(s)*. Participants should only claim credit commensurate with the extent of their participation in the activity.

The MEDNAX Center for Research, Education, Quality and Safety designates this enduring activity for 3.00 *pharmacotherapeutics contact hour(s)*.

Enduring Material - The ANCC recognizes this educational activity as an enduring material. The estimated time for completion of this enduring material is six hours. This presentation was released on March 30, 2019. The expiration date of this enduring material is March 29, 2022.

Target Audience - This presentation is intended for advanced practice providers and other nursing clinicians in neonatology.

Purpose – The NNP Certification Prep Course is a concentrated study program designed to assist nursing professionals preparing for the Neonatal Nurse Practitioner (NNP) Certification Exam. In addition to identifying the preferred response, a "neonatal nugget" or "perinatal pearl" of information with reference is supplied for each self-assessment and test question. This exercise should provide insight regarding areas of strength and areas to expand the participant's knowledge base, allowing for better direction in his/her study and supplemental readings before proceeding to the national certification exam.

CNE- IOM Competencies addressed in this educational activity include employ evidence-based practice.

ANCC Learning Outcomes – After the completion of this educational activity, participants will be able to:

1. **Thermoregulation:** Identify principles related to thermoregulation in the newborn, including mechanisms and management of heat transfer, rewarming techniques, mechanisms of heat production, temperature assessment and neutral thermal environment
2. **Resuscitation and Stabilization:** Describe physiology of transition to extrauterine life, delivery room assessment, techniques of resuscitation, physiologic basis for interventions, cord blood interpretation and issues related to neonatal transport.
3. **Nutrition:** Identify principles related to physiology of digestion and absorption, nutritional requirements, enteral feeding, parenteral nutrition, composition of breast milk and formulas and dietary supplementation
4. **Fluid and Electrolytes:** Describe common problems and conditions, fluid and electrolyte requirements, insensible water loss and gain, parenteral infusion and acid-base balance.
5. **Pharmacology:** Identify the principles of pharmacology, including pharmacokinetics, principles of administration, and drug and maternal related factors.
6. **Common Drug Therapies:** Identify drugs and use of commonly used in the management of NICU patients, including analgesia/narcotics, anticoagulants, anticonvulsants, antihypertensive drugs, antimicrobials, cardiovascular drugs, diuretics, GI drugs, inhalants, neurologic agents, respiratory drugs and steroids.

Disclosures of Financial Relationships and Resolution of Conflicts of Interest is designed to ensure quality, objective, balanced, and scientifically rigorous continuing education activities. All individuals in a position to influence and/or control the content of continuing education activities have been asked to disclose all relevant financial relationships within the past 12 months. Any real or apparent conflicts of interest related to the content of the faculty's presentation have been resolved as have any real or apparent conflicts of interest by the planners as related to the content of this conference. MEDNAX is committed to providing learners with commercially unbiased continuing education activities.

Faculty, Moderator, Planners and Reviewer - Each of the following individuals, who are in a position to control content, has disclosed they have no relevant financial relationships or conflicts of interest.

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Commercial Support - This educational activity is supported, in part, by an educational grant from Mead Johnson Nutrition. While MEDNAX appreciates commercial support for CNE activities, acceptance of the support does not imply endorsement of any products or services provided by the commercial organization.

Participation and Credit/Contact hour(s) - Participants are expected to complete all exam contents with a score of 70% or greater and complete the evaluation in order to earn *nursing contact hour(s)* & *pharmacotherapeutics contact hour(s)*.

References are provided for additional self-directed learning.

There are no fees for participating in or receiving credit for this online educational activity. For information on applicability and acceptance of credit for this activity, please consult your professional licensing board.

Contact - Should you have any questions or concerns, please contact us at continuing_education@mednax.com