

A.S.P.E.N. Journal-based Continuing Education (CE) Activity

Journal Article Title and Citation:

Three-in-One Parenteral Nutrition in Neonates and Pediatric Patients: Risks and Benefits, *NCP*, June 2015

Journal-based CE Activity Overall Goal:

The *NCP* Editor, in concurrence with A.S.P.E.N.'s Education and Professional Development Committee, selected this article to be offered for CE credit to fill an observed learning need in the arena of clinical nutrition and metabolism. This CE activity serves to promote the process of life-long learning for physicians, dietitians, pharmacists, and nurses by providing peer-reviewed journal articles that fully qualify for continuing education credits.

Goal and Target Audience:

This educational activity is directed toward clinical nutrition and metabolism professionals and others who wish to update their knowledge of clinical nutrition and metabolism. By participating in this educational activity, the reader may expect to:

- Acquire knowledge in the area of clinical nutrition and metabolism research.
- Update or confirm your understanding of appropriate clinical nutrition and metabolism practices.
- Identify further learning needs as they relate to the subject matter.

Learning Objectives:

1. Identify factors affecting stability of three-in-one parenteral nutrition (PN) and recognize conditions that may lead to destabilization of PN solution.
2. Explain the unique stability issues encountered when compounding three-in-one PN solutions for patients with parenteral nutrition associated liver disease receiving alternative intravenous fat emulsion therapy.
3. Give examples of sterility and infectious risks associated with two-in-one versus three-in-one PN solutions.
4. Describe the unique concerns pertaining to compatibility, cost, and shortages that should be considered when determining the appropriateness of compounding a three-in-one PN solution.
5. Given a patient case, weigh the risks and benefits of three-in-one PN solutions and determine the appropriateness of use.

Successful Completion: To obtain CE credit for this activity, attendees must read the journal article in its entirety, complete an online assessment for each article and achieve a score of 100%, and complete an online activity evaluation. All are located in A.S.P.E.N.'s eLearning Center – www.nutritioncare.org/elearning.

Accreditation Statements/Continuing Education Credit: Nurses, Pharmacists and Physicians

The American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the healthcare team.

This activity is for a maximum of 1 contact hour (0.1 CEU) per journal article and is a knowledge activity.

A.S.P.E.N. designates this journal-based CME activity for a maximum of 1 *AMA PRA Category 1 Credits*™ per article. Physicians should only claim credit commensurate with the extent of their participation in the activity.

A.S.P.E.N. is approved by the California Board of Registered Nursing, Provider CEP 3970.

ACPE UAN: 0216-0000-15-063-H04-P.

Dietitians



A.S.P.E.N., Provider Number AM005, is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). Registered dietitians (RDs) and dietetic technicians, registered (DTRs) will receive a maximum of 1 continuing professional education units (CPEU) for completion of each journal article. CDR level 2. Dietitians may post comments on this program on www.cdrnet.org.

Policies/Information:

- Release and Expiration: Release date: June 1, 2015. Expiration date: June 30, 2016. All CE credit must be claimed by the expiration date in A.S.P.E.N.'s eLearning Center – www.nutritioncare.org/elearning.
- Non-Commercialism: A.S.P.E.N. subscribes to the ACCME Standards for Commercial Support. A.S.P.E.N. does not provide programs that constitute advertisement or include promotional materials. A.S.P.E.N. does not endorse any products.
- Computer Requirements and Technical Support: Participants will need a computer with internet connection to access the online assessment and evaluation for each journal article. If the journal article is read electronically, then the ability to read a PDF document is also necessary. Users should enable pop-ups if attempting to read article electronically. For technical difficulties please contact Digitell Inc. Customer Support at: 1-800-679-3646. *Office hours are between 9AM to 5PM ET, Monday through Friday*
- Privacy and Confidentiality: A.S.P.E.N. respects the privacy of its members and website visitors. Companies that receive personal information from A.S.P.E.N. in order to execute the business of A.S.P.E.N. may use personal information only for that purpose.
- Refund Policy: Refunds are not available.
- Grievances: Grievances must be submitted in writing to Director of Education and Research at A.S.P.E.N. 8630 Fenton Street, Suite 412. Silver Spring, MD 20910.

Commercial Support and Sponsorship:

No commercial support or sponsorship has been received for this continuing education activity.

Commercial Relationships Disclosures and Conflicts of Interest (COI) of Authors and Journal Editors

The following authors have nothing to disclose as related to the content of the article: Allison Beck Blackmer, M. Luisa Partipilo

NCP Associate Editors, Elizabeth Krzywda, Mary Marian, and Gerard Mullin have nothing to disclose.

Todd Canada has served in a consultant role for Baxter Healthcare and NPS Pharmaceuticals and has received honoraria.

John DiBaise has served as a principal investigator on a research grant from GI Dynamics, Inc. and has served as a book editor for McGraw-Hill and received royalties.

NCP Editor-in-Chief Jeanette Hasse has nothing to disclose.

No conflicts related to disclosure information present and subsequently no need for resolution. Standard journal peer review process also in place as another layer of review to ensure no conflicts to resolve.

