

Participate online or by phone!

LIVE CE: Webcast and Interactive Q&A  
Friday, December 7, 2007  
12:00 p.m.–1:00 p.m. ET

Thursday, December 13, 2007  
3:00 p.m.–4:00 p.m. ET

Friday, December 14, 2007  
12:00 p.m.–1:00 p.m. ET

An archived webcast will be available 24/7 at  
[www.cmeoutfitters.com/enteral](http://www.cmeoutfitters.com/enteral) after the live activity.

REGISTER TODAY!

There is NO FEE to participate or receive CE credit for this one-hour CME/CNE/HQCB/CDR activity.

## Closed Enteral Feeding Systems in Children: Best Practices and Outcomes

### STATEMENT OF NEED

Enteral nutrition plays an essential role in the care of children who are unable or unwilling to eat. Children may require enteral nutrition for a variety of reasons, including prematurity, lack of coordination of the sucking and swallowing reflex, neurologic impairment, or acquired conditions such as burns, sepsis, infection with HIV, cancer, or cystic fibrosis. One potential complication of open enteral nutrition feeding systems is bacterial contamination of formula, which is estimated to occur in as many of 61% of tube feedings.<sup>1,2</sup> Closed enteral feeding systems offer a number of advantages over open systems, including less bacterial contamination and a safe increase in hang times.<sup>3</sup> This clinical presentation will provide evidence that closed feeding systems have the potential to improve patient outcomes and safety.

<sup>1</sup> Crocker K, Krey S, Markovic M, Steffee W. Microbial growth in clinically used enteral delivery systems. *Am J Infect Control* 1986;14:250-256.

<sup>2</sup> Mehall JR, Kite CA, Salzman DA, et al. Prospective study of the incidence and complications of bacterial contamination of enteral feeding in neonates. *J Pediatr Surg* 2002;37:1177-1182.

<sup>3</sup> Vaughan L, Manore M, Winston D. Bacterial safety of a closed-administration system for enteral nutrition solutions. *J Am Diet Assoc* 1988;88:35-37.

### ACTIVITY GOAL

To provide evidence-based guidance about the health and safety benefits of closed enteral feeding systems.

### LEARNING OBJECTIVES

At the end of the CE activity, participants should be able to:

- Identify factors that contribute to contamination of enteral feedings.
- Describe the evidence base for the safety of closed vs. open enteral systems.
- List at least five indications for the implementation of pediatric enteral nutrition.
- Identify the benefits of pediatric, home-based, enteral nutrition.

### TARGET AUDIENCE

Nurses, dietitians, healthcare quality professionals (CPHQ), pediatricians with an interest in gastroenterology, and other healthcare providers who are responsible for the implementation of pediatric feeding practices.

**REGISTER** for this FREE CME Outfitters activity at [www.cmeoutfitters.com/enteral](http://www.cmeoutfitters.com/enteral)

For more information or to register by phone, call CME Outfitters at **877.CME.PROS**.

You can register via fax by completing this form and faxing to the number below.

FAX completed form to **240.243.1033**

- YES! Register me for this CME Outfitters activity with interactive Q&A on Friday, December 7, 2007.
- YES! Register me for this CME Outfitters activity with interactive Q&A on Thursday, December 13, 2007.
- YES! Register me for this CME Outfitters activity with interactive Q&A on Friday, December 14, 2007.

WC-001-120707-16

Site Name: \_\_\_\_\_ # Participants: \_\_\_\_\_

Individual Name: \_\_\_\_\_ Degree: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/ZIP: \_\_\_\_\_

Practice Setting: \_\_\_\_\_ Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ Email: \_\_\_\_\_

### Faculty:

**Lynn E. Mattis, RN, MSN**  
Clinical Nurse Specialist  
The Division of Pediatric  
Gastroenterology and Nutrition  
The Johns Hopkins Hospital  
Baltimore, MD

### Janifer Hampsey, MS, RD, CSP

Pediatric Nutrition Practitioner  
The Division of Pediatric  
Gastroenterology and Nutrition  
The Johns Hopkins Children's Center  
Baltimore, MD

### CME Credit (Physicians):

CME Outfitters, LLC, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CME Outfitters, LLC, designates this educational activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### CNE Credit (Nurses):

CME Outfitters, LLC, is an approved provider of continuing nursing education by the New York State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

It has been assigned code 6WASUP-PRV-0620. 1.0 contact hours will be awarded upon successful completion.

### HQCB Credit (Certified Professionals in Healthcare Quality/CPHQ):

This activity will be submitted to the National Association of Healthcare Quality for 1.0 CPHQ CE credit.

### CDR Credit (Registered Dietitians and Dietetic Technicians-Registered):

This activity will be submitted to the Commission on Dietetic Registration for 1.0 CPEU hour.

Post-tests, credit request forms, and activity evaluations can be completed online at [www.cmeoutfitters.com/enteral](http://www.cmeoutfitters.com/enteral) (requires free account activation), and participants can print their certificate or statement of credit immediately (70% pass rate required). CE credit expires on December 7, 2008.

This continuing education activity is provided by



CME Outfitters, LLC, gratefully acknowledges an educational grant from Abbott Nutrition in support of this CE activity.

