

**Latest Evidence in Fatty Acid Biology in Preterm Infants:  
From Data to Practice Webinar**

**Internet Live Activity**

**Date:** 04/03/2024

**Time:** 04:00 – 05:00 p.m. Eastern

**Location:** Live Webinar (hosted via GoToWebinar)

**Accreditation**

The Pediatrix Center for Research, Education, Quality and Safety is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Pediatrix Center for Research, Education, Quality and Safety designates this Internet Live Activity for a maximum of 1 *AMA PRA Category 1 Credit*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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**Disclosure of Relevant Financial Relationships**

**Camilia Martin, MD**, faculty for this educational activity, has the following relevant financial relationship(s) with ineligible companies to disclose: Membership on Advisory Committees or Review Panels, Board Membership - Plakous Therapeutics, LactaLogics, Inc, Vitara Biomedical, Inc; Honoraria-Medscape/WebMD (relationship has ended); Consulting Fee-Mead Johnson Nutrition; Grant or research support-Mead Johnson Foundation.

*FDA Disclosures:* discussion of non-FDA emulsions (those available in Europe) for the purposes of understanding the induced fatty acid profiles as a function of lipid composition.

**Timothy Biela, MD, Nicole Brenson and Jaya Sariga, NNP-BC**, planners of this educational activity, have no relevant financial relationships with ineligible companies to disclose.

**Commercial Support**

There is no commercial support for this educational activity.

### **Overview**

This educational activity will review fetal physiology related to arachidonic acid (ARA) and docosahexaenoic acid (DHA) levels and examine the use of lipid emulsions on fatty acid balance. At the conclusion of this activity, learners will critically evaluate lipid emulsion options in their NICU unit to determine if changes are appropriate for the patient population and if so, initiate an evidenced-based intervention in their NICU.

### **Objectives**

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

- Describe the change in fatty acid balance in the early postpartum period and its medical implications.
- Discuss the impact of lipid emulsion choice on fatty acid balance.
- Detail the biological impact of arachidonic acid in organogenesis, immune ontogeny, and development.

### ACGME/ABMS Competencies

- Medical Knowledge
- Practice-based Learning and Improvement

### IOM Competencies

- Provide Patient-Centered Care

### **Evaluation, Attendance and Credit**

Within <https://pediatrix.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. **Completion of the evaluation within 30 days is required to receive CME credit or nursing contact hours for this educational activity.** You will have the option to email the certificate of attendance to your mailbox.