Electronic Fetal Heart Rate Monitoring: Definitions, Interpretation, and Management

An interactive educational program created by nationally-recognized fetal monitoring experts David A. Miller, MD and Frank C. Miller, MD, in conjunction with GE Healthcare.

Recent consensus publications have reshaped the landscape in fetal heart rate monitoring, making it simpler and more practical than it has ever been.

This educational program is designed to review and reinforce the standardized fetal heart rate monitoring definitions proposed by the National Institute of Child Health and Human Development in 1997 and 2008, and endorsed by the American Congress of Obstetricians and Gynecologists, the Association of Women’s Health, Obstetric and Neonatal Nurses, and the American College of Nurse Midwives.

GE Healthcare’s Electronic Fetal Heart Rate Monitoring (EFM) program has been independently verified by Oxford Analytica, a third-party international research and consultancy firm. Their review has validated research which demonstrates a 43% increase in EFM tested knowledge following participation in the course.

Learn more about Oxford Analytica at www.oxan.com.

“This program has taken online EFM education to a new level. Interactive, evidence-based, and filled with clinically applicable ‘pearls’, this is a perfect route for clinicians to enhance or reinforce their knowledge of EFM in all aspects. Covering nomenclature, interpretation, and management, and providing in-depth reviews of physiology, I would recommend this program for clinicians of all backgrounds and levels of education and experience.”

Lisa A. Miller, CNM, JD
EFM educator
Co-author of Mosby’s Pocket Guide: Fetal Monitoring-A Multidisciplinary Approach

imagination at work
The Electronic Fetal Heart Rate Monitoring program introduces a comprehensive, systematic, evidence-based approach to standardized intrapartum fetal heart rate interpretation and management that reflects consensus in the medical literature, is practical, and teachable.

Unlike other fetal heart rate monitoring education programs, this course moves past the definitions into how to interpret and manage the information being received—and how to use that information to help make critical clinical decisions.

By the end of this course, you should be able to articulate a comprehensive, thoughtful, reasonable fetal heart rate management plan, and provide information regarding fetal heart rate monitoring to your patients and peers that is consistent and factually accurate.

This Electronic Fetal Heart Rate Monitoring course is designed to help:

- **Optimize outcomes** for mother and baby by teaching standardized, evidence-based practices.
- **Manage risks** through improved interdisciplinary communication, collaboration, and management.
- **Give you flexibility** to access the program from any computer with an Internet connection, so that courses are available 24 hours a day, seven days a week.
- **Provide access** to documentation, enabling your facility to show staff education of fetal monitoring to help meet patient safety standards set by The Joint Commission and other accrediting groups.

**Course Modules**

The Electronic Fetal Heart Rate Monitoring course consists of four modules with animation and interactive exercises that engage clinicians to learn and apply knowledge into practice situations.

**Module 1 – Definitions (“What do I call it?”)**
Focuses on the standardized NICHD definitions and categories of intrapartum fetal heart rate patterns endorsed by ACOG, AWHONN, and ACNM.

**Module 2 – Interpretation (“What does it mean?”)**
Distills electronic fetal monitoring into three central, practical principles of consistent, standardized interpretation.

**Module 3 – Management (“What do I do about it?”)**
Presents a simplified approach to intrapartum fetal heart rate management that gives clinicians a framework to articulate and formulate a management plan that is consistent, evidence-based, and factually accurate.

**Module 4 – Clinical Case Study**
Provides an interactive case study that brings together all of the concepts introduced in Modules 1 through 3, enabling clinicians to apply and reinforce the course content in an actual clinical scenario. Upon successful completion of the comprehensive post-test, 7.2 contact hours are awarded. Provider approved by the California Board of Registered Nursing, Provider #12057.

For more information or to schedule a demo, contact us at: 1-877-438-4788 or geeducation@ge.com

Visit [gehealthcare.com/fhr](http://gehealthcare.com/fhr)

“Great work! You have developed a superb educational program that is evidence-based and reflects consensus in the literature. This course is well suited for teaching those new to the subject as well as more advanced learners and those desiring to continually update their knowledge. Moreover, the structure of the program makes it an ideal tool to facilitate team learning of medical and nursing staffs, thereby enhancing patient outcomes through the use of standardized definitions, interpretation, and management.”

James E. Ferguson II, MD, MBA
The W. Norman Thornton, Jr. Professor and Chairman
Department of Obstetrics and Gynecology, University of Virginia

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