

Fetal Heart Monitoring Interpretation and Intrapartum Management

Jointly Sponsored by FOJP Service Corporation and Mount Sinai School of Medicine



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MEDICINE

- This activity has been approved for 9 *AMA PRA Category 1 Credit(s)*TM
- The NYSNA has approved this course for 9 contact hours via Continuum Services
- The American College of Nurse Midwives (ACNM) has granted 0.9 specialty credits for this activity, course #2010/052.

Nursing Contact hours provided by Continuum Services.

Continuum Services is an approved provider of continuing nursing education by the New York State Nurses Association (NYSNA), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

This program is assigned approval code 6P2LJZ-PRV-0642 and has been awarded 9 contact hours.

This program expires on June 2012.

To Register

Go to: www.fojp.com, place your cursor over **[Online Education for Healthcare Professionals]** (at center of Web page); click on **[OB Professionals-Fetal Heart Monitoring Interpretation]**. Read the education program details and click on the link to continue to the course registration and login page.

Follow the registration instructions, then start the course.

Purpose

This online course is intended to sensitize the user to the importance of using the structured NICHHD language to categorize the attributes of FHM tracings and to incorporate this information into the communication between providers and clinical staff during the management of labor and delivery. Awareness of the implications of fetal heart tracings, along with appropriate management can help improve outcomes and promote patient safety, quality of care and reduction in professional liability.

Who should take this course?

The program provides education and competency testing in fetal heart rate monitoring for clinical staff involved in labor and delivery. It is designed to develop, enhance and reinforce interpretation skills at all levels. Expected users include:

- Attending physicians
- Residents and house staff
- Certified nurse midwives
- Labor and delivery room nurses

Objective

At the conclusion of this activity participants should be able to:

- Define and describe key fetal heart monitor (FHM) features including the baseline, variability, accelerations and decelerations, during labor and delivery, and distinguish them from artifacts to prevent or minimize injury to the fetus
- Utilize the basic physiological principles responsible for variations in normal FHM tracings and the diagnostic criteria involved in the recognition of indeterminate and abnormal patterns during labor to maintain fetal well-being and optimize fetal outcome
- Differentiate between respiratory and metabolic acidosis to facilitate interventions as needed during labor to maximize fetal outcome
- Critically evaluate the process and methods for the determination of fetal acid base status during labor in order to formulate clinical decisions and implement appropriate interventions to maximize fetal well-being
- Recognize normal, indeterminate and abnormal fetal heart patterns during labor to be able to intervene as needed to maintain fetal well-being
- Explain the indications and contraindications of available therapeutic interventions for intrapartum complications so that they can be properly implemented to maximize maternal and fetal outcome

Help Desk

For questions about registration or course material, or for technical problems:

E-mail: RiskEFM@fojp.com

For other questions, contact the designated course coordinator at your hospital.

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Course Content

Case Study 1: FHR Variability and Clues to Assessing Fetal Well-Being

Case Study 2: Trial of Labor After Cesarean Delivery (TOLAC)

Case Study 3: FHR Decelerations: Interpretation and Management

Case Study 4: The Progress of Labor

Case Study 5: Rapid response

Case Study 6: Multiparity

Pattern Recognition Workshop

Each case study walks users through timed segments of labor management and tests clinical judgment in interpreting and responding to FHM tracings. Clinical information is provided on pop-up narratives to set the stage for each scenario and fetal tracings accompany the clinical information on each screen. As users progress through each timed segment of labor management, the course tests users' knowledge and provides relevant didactic education.

In addition to offering several case studies, the course includes a Pattern Recognition Workshop that allows users to practice and self-test in recognizing FHM patterns according to the latest NICHD criteria.

Throughout the course, references can be accessed at the "View References" tab to expose users to evidence-based literature and resources that support the practice standards included in the course.

"Advisor's Opinions" tabs enable users to access an audio-video feature where specialists in obstetrics and maternal fetal medicine provide opinions and comments relative to the topics covered in the various sections throughout the course.

Accreditation

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Mount Sinai School of Medicine and FOJP Service Corporation. The Mount Sinai School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians.

Credit Designation

The Mount Sinai School of Medicine designates this educational activity for a maximum of 9 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. Verification of Attendance will be provided to all professionals.

Faculty Disclosure

It is the policy of Mount Sinai School of Medicine to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationship and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course material.

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*Faculty have no relationships to disclose.
See explanation above.*