**Program Outline**

- **Equipment**: Direct and Indirect monitoring methods and artifact detection.
- **Fetal Oxygenation**: Placental physiology, fetal circulation, autonomic control, chemoreceptors and baroreceptors.
- **Acid/Base Interpretation**: Respiratory, metabolic and mixed academia with examples for evaluation.
- **Uterine Activity**: Frequency, duration and intensity and EFM strip analysis of normal vs. tachysystole.
- **Baseline**: Normal baseline and potential underlying pathology with bradycardia and tachycardia.
- **Accelerations/Decelerations**: An overview of shape and timing characteristics and underlying physiology related to periodic and episodic changes.
- **Complex Dysrhythmias**: Sinusoidal pattern, SVT, congenital heart block and arrhythmias.
- **Three Tier Categories**: Definitions and management of Categories 1, 2 & 3.
- **Antenatal Testing**: Review of NST, CST, BPP scoring.
- **Legal Aspects**: Documentation, standards of practice
- **Certification Exam**: Format, sample questions

**Instructor:**
Carol Burke MSN, APRN, RNC-OB, C-EFM is a perinatal clinical nurse specialist.

With over 40 years experience, Carol is a published author and frequent speaker at national and local seminars.

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**Program Objective**

1. Relate underlying physiology to the interpretation of uterine activity, fetal baseline, variability and periodic patterns.
2. Evaluate umbilical gas results.
3. Recognize complex dysrhythmias and discuss potential management plan.
4. Discuss documentation requirements and legal responsibilities with EFM.

**Contact Hours**

Loyola University Health System is approved as a provider of continuing nursing education by the Ohio Nurse Association, an accredited approver by the American Nurse Credentialing Center’s Commission on Accreditation (OBN-001-91)

This activity is being offered for a total of 7 contact hours for nursing.

All speakers and the planning committee members have declared no conflict of interest.

Criteria for successful completion and receipt of contact hours for this educational activity includes:
1. Learners sign in on the attendance sheets
2. Learner’s attendance and participation in all activities of the program
3. Learners submit a completed evaluation form at the conclusion of the program.

**Deadline for Registration:**
October 21, 2019
(NO REFUNDS IF CANCELLATIONS ARE MADE AFTER THIS DATE)

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**Advanced Electronic Fetal Monitoring & Certification Review Course**

Friday, November 1, 2019
8:00am - 4:30pm
Loyola Stritch School of Medicine

Name: ______________________________________
Address: ____________________________________
City: ________________ State: _____    Zip: ________
Home Phone: _________________________________
Work Phone: _________________________________
Email: _______________________________________
Hospital: _____________________________________

Registration Fee includes continental breakfast, lunch & contact hours. Handouts will be emailed to you in advance. Please list any dietary restrictions.

Fee: $70.00

**Pay by credit card**: Call Suraya Abruzzi @ 708-327-9050 or email completed form to suraya.abruzzi@luhs.org

Credit Card # ________________________________
Exp Date _______________ Security Code __________
Name on Card _________________________________
Signature _____________________________________

**Pay by check**: Make check payable to Loyola University Medical Center and mail to:
Administrative Perinatal Center
2160 South First Avenue
Maguire Building, Room# 3350
Maywood, IL 60153

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While we do our best to make the room comfortable for everyone, room temperatures are often out of our control. Please bring a sweater or light coat for your comfort.
Program Outcome:

The participant will be able to apply underlying physiology in interpretation of complex EFM recordings to assist in care management. This program will aid in preparation for successful achievement of EFM certification (if desired) within 3 months of attendance.

Description:

This program utilizes AWHONN and ACOG guidelines and current NICHD terminology, lecture, care studies, sample tracings and discussion will be the format throughout the day. A detailed handout is provided. This program is not sponsored by the National Certification Corporation (NCC).

Intended Audience for the Advance Electronic Fetal Monitoring and Certification Review Course

- Registered Nurses
  - Labor and Delivery
  - Antepartum
  - Outpatients Perinatal
- Any hospital care provider utilizing electronic fetal monitoring
- Any professional preparing for the NCC EFM Certification examination