

**EFM CERTIFICATION**

You may take the NCC EFM examination following course presentation! See Details Inside!

# EFM

## Advanced Concepts

NCC Electronic Fetal Monitoring Exam  
Option for qualified applicants..

**Lisa A. Miller, CNM, JD**

AVHONN - ACOG - ACNM Standards  
and NICHD Terminology

**2011**

**LAS VEGAS, NV - January 28-29**

Tuscany Suites & Casino  
255 E. Flamingo Road

**CHICAGO, IL - August 25-26**

Radisson Schaumburg  
1725 East Algonquin Road

**SAN FRANCISCO, CA - Jan. 31 - Feb. 1**

South San Francisco Conference Center  
255 South Airport Boulevard

**NEW YORK, NY - September 22-23**

Sheraton LaGuardia East  
135-20 39th Avenue (Flushing)

**ORLANDO, FL - August 22-23**

Holiday Inn Universal Hotel & Suites  
5905 Kirkman Road

**BOSTON, MA - September 26-27**

Crowne Plaza Boston Natick  
1360 Worcester Street

Download PEC-NCC EFM Exam applications at [www.proedcenter.com](http://www.proedcenter.com)

EFM exam applications are sent directly to NCC - all approved exam applicants receive an admission letter from NCC. If you have applied to NCC for exam and have not received admission letter - please contact NCC at [www.nccwebsite.org](http://www.nccwebsite.org).

**REGISTER EARLY - SPACE IS LIMITED**

Professional  
EDUCATION CENTER

P.O. Box 7447  
Chico, California 95927-7447  
530-343-3504



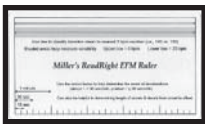
# Lisa A. Miller CNM, JD

**Fetal Monitoring Expert  
Nurse Midwife - Educator - Lawyer**

Formerly an Assistant Professor of OB/GYN at Northwestern University Medical School, Lisa is a renowned expert in fetal monitoring and perinatal safety. Lisa teaches multi-disciplinary fetal monitoring programs, and provides risk management/patient safety consultation to individuals, hospitals and other organizations. She is an active member of AWHONN and serves as a member of the ACNM Quality Management Section of the Division of Standards and Practice where her focus is on EFM issues and standards. Widely published, her article "Safety Promotion and Error Reduction in Perinatal Care..." has been chosen as one of the top 10 articles of the decade by the peer reviewed Journal of Perinatal and Neonatal Nursing. Lisa is co-author of Mosby's latest Pocket Guide, *Fetal Monitoring: A Multidisciplinary Approach*, and the developer and creator of the ReadRight EFM ruler and ReadRight EFM Differentials. Along with co-author Dr. David Miller, Lisa has provided "train-the-trainer" sessions for a joint initiative between ACOG District II and the Healthcare Association of New York State, with physician, midwifery and nursing participants from over 90 hospitals. Her international presentations include addressing error and safety in perinatal care for the program *Controversies in OB-GYN*, Paris, 2008 and *The World Congress of Perinatal Medicine*, Berlin, 2009. Lisa knows from experience how fetal monitoring impacts today's OB practice. **Lisa presents: NICHD, AWHONN, ACOG and ACNM fetal monitoring standards and guidelines plus extensive clinical cases with strip review in preparation for the NCC EFM subspecialty certification exam.**

## CONFERENCE SPECIALS...

### Miller's ReadRight EFM Ruler! Included FREE!



**This innovative new tool makes EFM strip evaluation EASY! Additional Read-Right Rulers available at \$5.00 each.**



**Mosby's Pocket Guide Series:**  
*Fetal Monitoring: A Multidisciplinary Approach* Authors: S. Tucker, L. Miller, and D. A. Miller. This all new edition with 8 Hours CE Credit is available for discount purchase of \$49.95 for course attendees...

## WHAT PEOPLE SAY...

"First class of Lisa's I've taken - it definitely won't be the last! What a terrific teacher & I loved the humor!"

"Lisa is AMAZING! I expected a review and came back with loads of information to pass on - made NICHD seem really easy - and I PASSED THE EXAM!"

### CONTINUING EDUCATION CREDITS

Professional Education Center (PEC) is a provider approved by the California Board of Registered Nursing, Provider #9890, Iowa #290, and Kansas #LT01700261 for 13 (7.5 day 5.5 day 2) Contact Hours. Professional Education Center is an approved provider of continuing nursing education by the Alabama State Nurses Association, an accredited approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. Alabama Provider #5-67 and Florida FBN #2219 for a total of 10.5 Contact Hours. Applied to ACNM for 10.5 Contact Hours (1 Hr. Pharmacology) call 800-732-2387 for update. Meets Texas Type I provider criteria and is designed to meet Board of Nursing CE requirements all 50 states. **CE Certificate issued at program conclusion.**

## WHO SHOULD ATTEND?

- Labor & Delivery & LDRP Nurses
- Advanced Practice Nurses
- Nurse Midwives • Physicians • PA
- Nurses Needing Cross-Training to L&D
- Individuals planning to take NCC's EFM Subspecialty Certification Exam

**This course has key elements to update and validate your clinical knowledge base in EFM and to assist you in preparing for the NCC Electronic Fetal Monitoring subspecialty certification exam. On site NCC Exam available to those individuals who have completed application to NCC and received authorization. NCC exam offering on site does not constitute NCC endorsement of course.**

**Pre-class review of EFM concepts is strongly recommended.**

## PROGRAM OBJECTIVES:

**Following comprehensive lecture, discussion, A-V, presentation and case review, you will be able to:**

- Demonstrate knowledge of EFM equipment for external and internal FH and UC monitoring.
- Understand the physiology of labor, maternal and fetal physiology, and the impact of labor on maternal and fetal systems.
- Identify fetal oxygenation needs, mechanical and pharmacological factors influencing fetal oxygenation.
- Recognize EFM elements consistent with normoxia and possible evolving metabolic acidemia, noting interventions for each.
- Describe a variety of fetal assessment methods for antepartal and intrapartal evaluation of fetal status.
- Define and recognize all elements of EFM tracing including: FHR baseline, variability, accelerations, decelerations; and uterine contraction characteristics using the standard NICHD nomenclature.
- Discern abnormal FHR tracings relative to dysrhythmias.
- Recognize common perinatal complications, noting both maternal and fetal responses.
- Evaluate interventions and modify the plan of care.
- Apply current standards of practice, documentation essentials and legal principles relative to electronic fetal monitoring.

### GUARANTEE - CANCELLATION - TAXES

**GUARANTEE:** If you are not satisfied with the content and presentation of this program, notify the registrar by 12 noon 1st day of attendance for refund of registration fees. **CANCELLATIONS:** Up to 7 days before the program choose: Registration fee refund minus \$25 per day administrative fee or full value credit letter. **Cancellation within 7 days:** No monetary refund. Send a substitute or request a credit letter (minus \$25/day administrative fee) which will allow you to apply fees to a future program of your choice. If program cannot be held due to circumstances beyond our control (natural disaster, strike, etc.) the seminar will be rescheduled if possible. Registrants may choose free admission to the rescheduled program, credit voucher good for any future PEC program, or if unable to reschedule, tuition refund. \*See NCC Application for NCC fee policy. PEC reserves the right to substitute qualified speaker(s) in response to emergency circumstances beyond our control. **CE tuition, travel/meal expenses are tax deductible.** Consult your tax advisor for details.

# ELECTRONIC FETAL MONITORING

## Advanced Concepts - Certification Exam Option (NCC)

### Day One

- 7:30** Check In - Coffee/Tea/Decaffe
- 8:00** **EQUIPMENT: Application & Limitations**
- External & Internal Capabilities
  - Fetal Heart Rate • Uterine Contractions
- FETAL EVALUATION: Antepartum & Intrapartum**
- FM Counting • NST • CST/OCT • BPP
- PHYSIOLOGY: Uterus - Placenta - Fetus**
- Expectations & Variance Seen in Labor
  - Differentials and Critical Factors for Fetal Oxygenation
- CLARIFYING ACID-BASE**
- Cause & Affect Approach • Lab Results Made Easier...
- 11:30** Lunch Provided
- 12:30** **EFM TRACING RECOGNITION & INTERPRETATION**
- NICHD Classification: Applying the Standards  
3 Tiered System - Implications for Practice...
  - Baseline Definitions & Deviations
  - Recognizing Variability • Accelerations: Significance
  - Decelerations: Recognizing & Responding  
Early - Late - Variable - Prolonged
  - Evaluating Uterine Activity & Fetal Response
- COMPLICATIONS IN PREGNANCY**
- Identifying, Classification, Management
  - Anticipating & Evaluating Maternal/Fetal Status
- LEGAL ASPECTS: Meeting the Standards**
- Documentation • Issues & Answers...
- 3:30** Adjourn

### Day Two

- 7:30** Check In - Coffee/Tea/Decaffe
- 8:00** **STRIP REVIEW:**
- Baseline - Variability - Accels - Decels
  - Contractions: Frequency - Duration - Impact
  - Underlying Physiology: Understanding Fetal Response
- READY - SET - GO! PRACTICE EXAM...**
- The Applied Knowledge Approach
  - Multiple Choice Format • Simulated Test Conditions
- EXAM GUIDELINES: Application & Preparation**
- Test Taking Strategies: Profiles/Tips/Resources
- 11:30** Lunch Provided
- 12:30** Check in for NCC EFM Exam
- 1:00** NCC Electronic Fetal Monitoring Examination\*
- 3:00** NCC Testing Concludes

\* NCC on site examination is limited to participants who:

- Attended one or both days of the PEC EFM course
- Applied to NCC, have been accepted, and have an NCC EFM exam admission letter for the PEC site

\*NCC exam application is specific to PEC course/date attended.

- Must apply to NCC at minimum of 3 weeks prior to course
- Photo ID + NCC admission letter confirming exam acceptance are required items of verification at 12:30 check in.

*You May Photocopy This Form for Additional Persons*

### REGISTRATION: Electronic Fetal Monitoring Review Course

NAME \_\_\_\_\_ License# \_\_\_\_\_

RN  APN  CNM  MD/DO  PA Other: \_\_\_\_\_

LVN/PN\* may take course for CE but are not eligible to take NCC EFM exam.

Home Address \_\_\_\_\_





City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Day Phone (\_\_\_\_) \_\_\_\_\_ Email \_\_\_\_\_

Hospital/Clinic I work with: \_\_\_\_\_ Group Registration

Practice Area:  LD  PP  NSY  AP  Med. Office  Education

Check Payable to: Professional Education Center (PEC)

Card #s \_\_\_\_\_ Exp. \_\_\_\_\_

I Prefer a Vegetarian lunch - available with preregistration only

PEC course and NCC exam are separate registration and fees. You must send completed, signed application to NCC for exam three weeks prior to exam.\*\*

Las Vegas, NV	<input type="checkbox"/> 1/28	<input type="checkbox"/> 1/29/11	Chicago, IL	<input type="checkbox"/> 8/25	<input type="checkbox"/> 8/26/11
San Francisco, CA	<input type="checkbox"/> 1/31	<input type="checkbox"/> 2/01/11	New York, NY	<input type="checkbox"/> 9/22	<input type="checkbox"/> 9/23/11
Orlando, FL	<input type="checkbox"/> 8/22	<input type="checkbox"/> 8/23/11	Boston, MA	<input type="checkbox"/> 9/26	<input type="checkbox"/> 9/27/11

Download application at [www.proedcenter.com](http://www.proedcenter.com) or call PEC at 800-732-2387 for additional form(s).

\*\*NCC application: MUST be postmarked a minimum of 3 weeks from program date. Send applications as early as possible to reduce/avoid any issues that may result in non-admission.

### LUNCH IS INCLUDED IN FEES

	Both Days	One Day
Individual	<input type="checkbox"/> \$329	<input type="checkbox"/> \$199
Group 4-9	<input type="checkbox"/> \$319 each*	<input type="checkbox"/> \$189 each*
Group 10+	<input type="checkbox"/> \$299 each*	<input type="checkbox"/> \$179 each*

Pocket Guide Fetal Monitoring \$49.95 w/8 hr CE

\*Groups MUST PRE-REGISTER TOGETHER

Group Rate is not available at the door....

AT THE DOOR PAYMENT/REGISTRATION: \$359/\$219

Applicants for the NCC Exam at PEC - EFM review course site MUST submit form to NCC and attend at least one day of the review course to qualify for discount examination fee for NCC exam at site of attendance.

**Mail Your Course Registration To:**

**EFM - REVIEW**  
Professional Education Center  
P.O. Box 7447  
Chico, California 95927-7447

**EASY REGISTRATION:**

*Call Today With Any Major Credit Card*

**800-732-2387 9am-4pm M-F (PST)**

**24 Hour Registration: FAX 530-343-3575**

**Register On-line @ [www.proedcenter.com](http://www.proedcenter.com)**

The NCC EFM exam is separate from and has no affiliation with this course, it is a service/option for PEC EFM course registrants. If you wish to take the NCC exam following PEC course presentation, you must complete the PEC-NCC Exam application and send directly to NCC. Download PEC-NCC EFM exam application at [www.proedcenter.com](http://www.proedcenter.com) or call PEC at 800-732-2387 to have form emailed, mailed or faxed to you. Form is a 2 page application and may be photocopied for additional copies. Submission of application does not guarantee acceptance by NCC to sit the exam. Testing site inclusion *does not constitute NCC endorsement* of course, course content, or materials provided. NCC and PEC are not affiliated organizations. A collaborative effort has provided an educational (PEC) and testing (NCC) opportunity available to clinicians nationwide. \*PEC is not responsible for delayed mail - see mail date required by NCC on application. \*\*ONLY the PEC-EFM NCC application may be used for testing at these sites. NCC sends admission letter following receipt/approval of exam application. Contact NCC if you have applied and have not received admission to exam letter.

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Chico, California 95927-7447

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**Electronic Fetal Monitoring**  
**Advanced Concepts...**  
**NCC EFM Test Site**  
**NCC EFM Examination**  
**test site for approved applicants**  
**follows course presentation!**

PLEASE POST - THANK YOU!

**NCC Electronic Fetal Monitoring Subspecialty Exam**

For NCC questions go to: [www.nccwebsite.org](http://www.nccwebsite.org)

Download PEC-NCC Exam applications at:  
[www.proedcenter.com](http://www.proedcenter.com)

Call PEC at 800-732-2387 to have PEC-NCC EFM  
Exam applications emailed, mailed or faxed to you.

**CE CREDITS: 13 Hours BRN Credits. ANCC - 10.5 Credits. ACNM approved for 10.5 Contact Hours (includes 1.0 Pharmacology)**  
Professional Education Center is an approved provider of continuing nursing education by the Alabama State Nurses Association, an accredited approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

**Neither program planners or presenters have any commercial conflict of interest.**

**2011 LOCATION - LODGING**

**LAS VEGAS, NV - January 28-29**

Tuscany Suites & Casino

255 E. Flamingo Road

877-887-2261 - \$35 S/D Sun-Thur; \$85 S/D Fri-Sat

\*Ask for "EFM Advanced Concepts rate"

**SAN FRANCISCO, CA - Jan. 31 - Feb. 1**

South San Francisco Conference Center

255 South Airport Blvd, **LODGING:**

Holiday Inn (next door) 650-873-3550 or - \$125 S/D

Sheraton Four Points (across street) 650-624-3700 - \$150 S/D

Ask for: "Professional Education Center Rate"

**ORLANDO, FL - August 22-23**

Holiday Inn Universal Orlando Hotel & Suites

5905 Kirkman Road - Ask For: EFM PEC

407-351-3333 or 800-327-1364 \$89 S/D

1 Bedroom Suite \$129 - 2 Bedroom Suite \$169

**CHICAGO, IL - August 25-26**

Radisson Schaumburg - 1725 East Algonquin Road

847-397-1500 - \$84 S/D Ask for: EFM rate

**NEW YORK, NY - September 22-23**

Sheraton LaGuardia East

135-20 39th Avenue (Flushing)

718-670-7420 or 888-268-0717 \$169 S/D

NOT LISTED AS A GROUP RATE: Please ask for the

"Professional Education Center Preferred Rate"

**BOSTON, MA - September 26-27**

Crowne Plaza Boston Natick

1360 Worcester Street

888-233-9527 - \$145 S/D - Ask for EFM NCC rate

Lunch Provided at all PEC Conferences  
Parking: On Your Own

**PROGRAM LOCATION:** If location change becomes necessary, registered conference participants will be notified. **HOTEL RESERVATIONS:** For PEC discount rate listed above, reservation must be made 30 or more days prior to conference, as space remains available. **PROFESSIONAL EDUCATION CENTER** is dedicated to providing education you can use - education that makes a difference! **JOIN THE CROWD:** Our attendees represent the best and most prestigious medical care facilities including: Johns Hopkins, Mayo Clinics/Hospitals, Brigham and Women's Hospital, University of Illinois, Parkland, Kaiser Foundation Hospitals, Cedars-Sinai, Good Samaritan Hospitals, University of California Medical Centers, Beth-Israel, Columbia Hospitals, Baylor University Hospitals, Massachusetts General, Cleveland Clinic, and 100's of others. **The opportunity to share experiences and network with your peers is just one more reason to choose Professional Education Center for your CE programs!**