

# RNC Exam Preparation - NICU

**The #1 Course for:**  
Experienced NICU Nurse - Exam Prep and  
Review! New to NICU? Extensive Information!  
**YOU MAY APPLY TO TAKE NCC CORE EXAM  
FOLLOWING COURSE PRESENTATION!**

# NICU

**COMPREHENSIVE RNC &  
CCRN CERTIFICATION EXAM  
REVIEW COURSE + NCC RNC  
EXAM OFFERED ON SITE!**

**M. Terese Verklan**  
**PhD, CCNS, RNC**

## Spring/Fall 2010

SAN FRANCISCO, CA - March 4-5-6  
South San Francisco Conference Center  
255 South Airport Boulevard

SILVER SPRING, MD - September 22-23-24  
Holy Cross Hospital Education Center  
1st Floor - 1500 Forest Glen Road

ATLANTIC CITY, NJ - May 5-6-7  
Atlantic City Convention Center  
Room #304 One Convention Boulevard

CHICAGO, IL - October 14-15-16  
Four Points Sheraton O'Hare  
10249 W. Irving Park Road (Schiller Park)

**Registration Fees Include Lunch**

**PEC-NCC Application Inside! Qualified applicants may apply for and upon approval, take the paper-pencil Neonatal Intensive Care Exam following conference presentation at each site! (Day 3 - 12:30pm)**

*Professional*  
EDUCATION CENTER

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

## MEET YOUR SPEAKER...

### M. Terese Verklan, PhD, CCNS, RNC

Practicing Neonatal Clinical Nurse Specialist, NIH researcher and internationally acclaimed educator, Dr. Terese Verklan is committed to providing you with the most up-to-date and clinically relevant information to enhance your current and future practice in the NICU.

Dr. Verklan is the editor of **Core Curriculum for Neonatal Intensive Care Nursing**, as well as a chapter contributor for *Transition to Extrauterine Life, Neurologic Disorders and Legal Issues*. She has been a guest editor for JOGNN's Clinical Issues and for the Journal of Perinatal and Neonatal Nursing. She is a reviewer and editorial board member for a number of professional journals, and is an Associate Editor for Nursing and Health Sciences. Terese is a member of the American Association of Critical Care Nurses, Association of Women's Health, Obstetric and Neonatal Nurses, National Association of Neonatal Nurses and the Academy of Neonatal Nursing. She knows the key issues and clinical challenges you face today. Because she continues to provide bedside care in a tertiary NICU, she knows what you need to know for quality care and advanced practice. Join her as she presents a dynamic, informative and clinically focused program developed specifically for the practicing nurse!

## WHAT PEOPLE SAY...

**"EXCELLENT speaker! Handouts provided a wealth of information - comprehensive & easy to understand!"**

**"Strong clinical knowledge base! Truly an ADVANCED program - covered difficult material with ease!"**

**"This course should be mandatory for every NICU nurse! GREAT speaker - warm, approachable & focused!"**

**"WOW! Terese is FANTASTIC - This course was GREAT"**

**"Handouts were wonderful, slides were terrific and Terese is a FANTASTIC teacher!!"**

### PROGRAM AMENITIES

All PEC programs provide morning coffee/tea/decaffe, light lunch, and afternoon sodas. A comprehensive training manual is provided for each participant. **Classroom style seating (table/chair) is the preferred PEC room set-up**, however due to unpredictable enrollment and hotel limitations, it may be necessary in some locations to provide partial classroom with partial theatre seating in the back half of the room.

### CONTINUING EDUCATION CREDITS

Professional Education Center (PEC) is a provider approved by the California Board of Registered Nursing, Provider #9890, Iowa #290, and Kansas #LT0170-0261 for 19.5 (7.5 days 1-2; 4 day 3) Contact Hours.

Professional Education Center is an approved provider of continuing nursing education by the Alabama State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. Alabama Provider #5-67 and Florida FBN #2219 for 16.5 Contact Hours (6.5 days 1-2, 3.5 day 3). Meets Texas Type I criteria. This program is designed to meet Board of Nursing CE requirements for license renewal in all 50 states.

**CE Certificate is issued at program conclusion.**

## WHO SHOULD ATTEND:

- **NICU and Special Care Nursery Nurses**
- **Clinical Specialists**
- **Professionals involved in the care and follow-up of at-risk neonates**
- **Nurses planning to take the RNC exam**
- **Nurses preparing for neonatal CCRN exam**
- **Nurses needing a review or overall orientation to NICU care situations**

**Fast paced, comprehensive and intense review of physiology, pathophysiology, signs/symptoms, diagnosis, treatment and prognosis of the high risk neonate. This program will refresh your knowledge base, improve your assessment skills for clinical practice and assist you as a caregiver as well as preparation for the RNC and CCRN exams. (Synergy Model is reviewed)**

## PROGRAM OBJECTIVES:

### Through Lecture and Discussion This Program Will:

- Review high-risk antepartum/intrapartum maternal factors that indicate potential neonatal risk.
- Identify physiologic changes and common problems that occur with transition to extrauterine life.
- Define, differentiate and formulate plans of care for major neonatal disorders such as PPHN, RDS, PDA, hypo/hyperglycemia; congenital heart disease; acute renal failure, NEC, TEF.
- Discuss hematologic problems, lab values and management of DIC, anemia and thrombocytopenia.
- Review key immunologic concepts including inflammatory response, immunity, differentials, and sepsis.
- Identify etiologies, signs/symptoms and plan of restoration of fluid and electrolyte disturbances.
- Describe the pathophysiology, clinical presentation, assessment and management of neurologic disorders including, IVH/PVH, seizures, HIE and hydrocephalus.
- Understand the pathophysiology underlying GI disorders including hyperbilirubinemia, NEC, and TEF.

### 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. Registrants may choose free admission to the rescheduled program or a credit voucher good for any future PEC program. PEC reserves the right to substitute qualified speaker(s) in response to emergency circumstances beyond our control. **Professional tuition, travel/meal expenses are tax deductible.** Consult your tax advisor for details.

# NICU Neonatal Systems: A Comprehensive Review

## Recognizing & Caring For The At Risk Neonate

### DAY ONE - Transition/Pulmonary/Hematologic

- 7:30am *Check In with Coffee/Tea/Decaffe*  
8:00am **HIGH RISK MATERNAL COMPLICATIONS & HIGH RISK NEWBORNS...**  
**TRANSITION TO EXTRAUTERINE LIFE...**  
**PULMONARY SYSTEM REVIEW...**  
**PULMONARY DISORDERS...**  
TTN - RDS - Aspiration - Persistent Pulmonary Hypertension - Air Leaks - Ventilation Strategies Medications Used During Ventilation Therapy Oxygen & Acid-Base Homeostasis  
**HEMATOLOGIC DISORDERS:**  
Anemia - Hemorrhagic Disease of the Newborn Disseminated Intravascular Coagulation Thrombocytopenia, Blood Products  
3:30pm *Adjourn*

### DAY TWO - Cardiac/Immunologic/Metabolic/Renal

- 7:30am *Check In with Coffee/Tea/Decaffe*  
8:00am **CARDIAC SYSTEM REVIEW**  
**Evaluation of the Cardiac System**  
Congestive Heart Failure  
Congenital Heart Defects - Increased Pulmonary Flow Obstructive Defects - Pulmonary Venous Congestion Obstructive Defects - Decreased Pulmonary Blood Flow Mixed Defects  
**IMMUNOLOGY:** Immune System & Diagnostics Inflammatory Response, Immunity, Differentials Bacterial, Fungal & Viral Infections Pathogens: Presentation & Management  
**METABOLIC & ENDOCRINE DISORDERS:**  
Glucose Homeostasis  
Fluid & Electrolyte Management:  
Fluid Depletion - Fluid Excess  
Sodium/Potassium/Calcium/Magnesium Homeostasis  
In-Born Errors of Metabolism  
**RENAL DISORDERS:** Renal Dynamics & Physiology  
Acute Renal Failure; Polycystic Kidney Disease  
Renal Vein Thrombosis  
Hypospadias; Bladder Exstrophy  
3:30pm *Adjourn*

### DAY THREE - Neurologic/GI

- 7:30am *Check In with Coffee/Tea/Decaffe*  
8:00am **NEUROLOGIC DISORDERS:** Physiology of Brain  
Neurologic Assessment: IVH/PVL  
Seizures, Hypoxic-Ischemic Encephalopathy  
Hydrocephalus, Congenital Malformations  
**GASTROINTESTINAL DISORDERS:**  
Nutritional Requirements - Feeding  
Hyperbilirubinemia, NEC, TEF - Abdominal Wall Defects  
11:30 Lunch Provided  
12:30pm *NCC Neonatal Intensive Care Nursing Exam for Approved Candidates...*





*Attending the course does not guarantee passing the exam.*

## For Your Convenience and Enjoyment....

*Each Day begins with Coffee/Tea/Decaffe  
Lunch is provided each day 11:30 to 12:30pm  
Comprehensive Course Syllabus Provided*

*Please Photocopy This Form For Additional Persons*

### REGISTRATION: 2010 NICU Review

NAME \_\_\_\_\_ License# \_\_\_\_\_  
 RN  APN  CNM  MD/DO  PA Other: \_\_\_\_\_  
 LVN/PN\* may attend for CE but are not eligible for NCC RNC exam.  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone (\_\_\_\_) \_\_\_\_\_ Email \_\_\_\_\_  
Hospital/Clinic I work with: \_\_\_\_\_  Group Registration  
My clinical practice area is: \_\_\_\_\_  
 Check Payable to: Professional Education Center (PEC)  
         
Card #'s \_\_\_\_\_ Exp. \_\_\_\_\_

I prefer a vegetarian lunch (*available with pre-registration only*)

PEC course and NCC exam are separate registration and fees. You must send completed, signed application to NCC for exam. \* Your NCC application MUST be postmarked at least 21 day prior to course/exam date.

PROGRAM FEES	Complete Course	Daily Attendance
___ Individual	<input type="checkbox"/> \$429	<input type="checkbox"/> \$179 per day
___ Group 4-9*	<input type="checkbox"/> \$419 each	<input type="checkbox"/> \$169 each/day
___ Group 10+*	<input type="checkbox"/> \$409 each	<input type="checkbox"/> \$159 each/day

At The Door Payment or Registration: \$459/Course or \$189/day  
At door registration on 'Space Available' basis - please call to confirm.

\*Groups MUST pre-register & pre-pay TOGETHER to qualify as a group.  
Group Rates are "pre-paid" and are not available at the door.

#### I will attend 2010:

San Francisco, CA  3/4  3/5  3/6  
Atlantic City, NJ  5/5  5/6  5/7  
Silver Spring, MD  9/22  9/23  9/24  
Chicago, IL  10/14  10/15  10/16

\* I Plan to submit my application to NCC to take the Inpatient OB Nursing Exam at the selected site.

#### Recommended Textbook (Optional) For Additional Study:

- Core Curriculum NICU - edited by Dr. T. Verklan \*\*NEW 4th Ed. with 24 Hour CE Homestudy \$99.95\*\*  
 Add \$7 Shipping/Handling for optional texts. AK/HI add \$15

Mail Your  
Registration

To:

NICU - REVIEW  
P.O. Box 7447  
Chico, CA 95927-7447

#### EASY REGISTRATION WITH ANY MAJOR CREDIT CARD:

Call: 800-732-2387 9am-4pm M-F (PST)  
Register at anytime! FAX - 530-343-3575

Online at: [www.proedcenter.com](http://www.proedcenter.com)

The NCC Neonatal Intensive Care Nursing Core exam is separate from and has no affiliation with this course, it is a service/option for PEC NICU-Review course registrants. If you wish to take the NCC exam following PEC review course presentation, you must complete the PEC-NCC Exam application and send directly to NCC. If NCC application is missing from this brochure please call PEC at 800-732-2387 for additional form or download at [www.proedcenter.com](http://www.proedcenter.com). ONLY the PEC-NCC application may be used for testing at these sites. You may photocopy and staple the four page application for submission. \*Application MUST be postmarked no later than 21 days prior to exam date. 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. \*Neither PEC or NCC are responsible for delayed mail.

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*Return Service Requested*

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PRESORTED  
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PAID  
PEC

## **NICU - REVIEW**

**RNC & CCRN Exam Prep - Review**

**Neonatal Intensive Care Nursing:  
Identifying the At-Risk Newborn  
Comprehensive Systems Review  
Treatment Options - Multiple Disorders  
Physiology Focused Identification/Care  
Care-Focused Content...**

**PLEASE POST - THANK YOU!**

### **RNC EXAM INFORMATION CONTACT-DETAILS:**

**NCC Application Inside. For NCC questions see:**  
[www.nccwebsite.org](http://www.nccwebsite.org)

**Download additional applications or register for  
this and other CE courses at: [www.proedcenter.com](http://www.proedcenter.com)**

**CCRN Exam: AACN @ 800-899-2226 or [www.certcorp.org](http://www.certcorp.org)**

**CE CREDIT: Nurses: BRN - 19.5 Hours CE Credit; ANCC - 16.5 Contact Hours.**

**AACN/CCRN: Application of the Synergy Model is reviewed in the course content.**

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## **2010 PROGRAM LOCATION/LODGING**

**SAN FRANCISCO, CA - March 4-5-6**  
South San Francisco Conference Center  
255 South Airport Boulevard  
**Lodging:**  
Holiday Inn (next door) 800-HOLIDAY \$125 S/D  
Four Points (across street) 800-368-7764 \$135 S/D

**ATLANTIC CITY, NJ - May 5-6-7**  
Atlantic City Convention Center  
Room #304 One Convention Boulevard  
**Lodging: Sheraton - Two Convention Boulevard**  
609-344-3535 - \$139 S/D

**SILVER SPRING, MD - September 22-23-24**  
Holy Cross Hospital Education Center - 1st Floor  
1500 Forest Glen Road  
**Lodging: Ask for "Holy Cross" rate**  
Crowne Plaza 8777 Georgia Ave - 301-589-0800  
Hilton 8727 Colesville Road - 301-589-5200

**CHICAGO, IL - October 14-15-16**  
Four Points Sheraton O'Hare  
10249 W. Irving Park Road (Schiller Park)  
847-671-6000 - \$99 S/D

### **LUNCH PROVIDED**

**PARKING FEES (if any) ARE THE RESPONSIBILITY OF THE PARTICIPANT.**

**PROGRAM LOCATION:** If location change becomes necessary, registered conference participants will be notified.

**HOTEL RESERVATIONS:** Please request the **Professional Education Center** discount rate listed above. Please make your reservations early, discounts available 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 needs.