An Open Letter to NRP Instructors About the Online Examination

Dear NRP Instructor,

Some of you have expressed concerns regarding our plan to only offer the online electronic written examination for all NRP courses beginning in 2012. We take these concerns very seriously and want to assure you that the NRP Steering Committee carefully considered many of the same questions that have been raised. After our evaluation, we believe that the objectives and educational goals that form the foundation of the Neonatal Resuscitation Program will be best served by moving to this format.

As you know, the NRP curriculum has three primary components: 1) knowledge (e.g., the dose of epinephrine), 2) skills (e.g., bag-mask ventilation), and 3) behavior (e.g., communication and teamwork). Although the program is based around adult learning principles and was designed to meet multiple learning styles, data obtained from a national survey of instructors indicated that the largest percentage of instructor time was being spent giving didactic lectures and administering the written examinations. We believe that this is not the best use of our instructors’ expertise. Our goal is to have the majority of instructor-participant interactions focus on hands-on learning, immersive simulations, and constructive debriefings. In order to achieve this goal, we believe that participants should complete the cognitive components at their own pace using self-directed educational materials such as the textbook, DVD, and Simply NRP. With the online written assessment, we believe that most participants will be able to demonstrate that they have mastered the cognitive components prior to arriving at the course. This will allow the instructors to use the majority of their valuable time working on resuscitation skills, simulations, and debriefings.

By using an electronic format, we can also improve the quality of the written examination. The NRP will be able to monitor how each question performs, adjust the wording or illustrations as needed, provide answer-specific feedback to participants based on their response to a question, identify areas where participants are commonly missing the correct answer and alert instructors or revise existing educational materials, add audio and video clips to the questions, and create a bank of questions that can be used for re-takes rather than having the participant answer the exact same questions. Many disciplines are now taking advantage of the rich opportunities offered by self-directed online education and we believe that this is the right time for the NRP to join in.

We understand that requiring participants to pay a fee is a significant change. The NRP has never charged any fees for the development or administration of this comprehensive international program. The expertise required to develop and maintain the online examination, however, requires the use of a commercial vendor. We have made every effort to keep the fee as low as possible. Please be assured that the online evaluation is not a profit-making venture for the NRP. We hope that by providing our instructors with advance notice of

continued on page 2
ILCOR Update

Things are coming down to the wire for the International Liaison Committee on Resuscitation (ILCOR) Neonatal Delegation as it prepares to release the 2010 AAP/AHA Guidelines for Neonatal Resuscitation. The group met in February to review 31 evidence-based worksheets on specific topics related to neonatal resuscitation that will be used as the foundation for the Textbook of Neonatal Resuscitation. The group met in February to review 31 evidence-based worksheets on specific topics related to neonatal resuscitation that will be used as the foundation for the Textbook of Neonatal Resuscitation, 6th Edition.

The ILCOR Neonatal Delegation Writing Group is finalizing the Consensus on Science and Treatment Recommendations (CoSTR). These recommendations will be released on October 18, 2010 and simultaneously published in multiple international journals, including Pediatrics.

ILCOR worksheets, each with at least two authors, focus on specific topics. “Hot” topics the ILCOR Neonatal Delegation is addressing include ethics, simulation and debriefing, and oxygen concentration during resuscitation.

Once the guidelines and recommendations are released, a link will be added to the NRP Website (http://www.aap.org/nrp) allowing NRP instructors to access the final worksheets. Additionally, an email message with a link to the newly released documents will be sent to all instructors on October 18th. Please make sure that the email address in your instructor record is current so you will receive this email.

For more information, contact AAP Life Support staff at lifesupport@aap.org.

ILCOR WORKSHEETS FOCUS ON SPECIFIC TOPICS, EACH WITH AT LEAST TWO AUTHORS.
NRP instructors will soon have the option of purchasing an electronic version of the *Textbook of Neonatal Resuscitation*. The 5th edition electronic version of the *Textbook of Neonatal Resuscitation* will be available for purchase beginning in May 2010, while the 6th edition will be available in spring 2011.

The digital “eBook” will consist of the same information in the printed version of the textbooks, but will be in a format that can be read on a computer via a dedicated website. The electronic eBook platform will allow users to read pages in the textbook individually or in a two-page spread, quickly search for a particular topic or lesson, add notes and highlight specific sections of the textbook, and bookmark sections for later reference. All text, graphics, photos, charts, diagrams, and algorithms featured in the printed textbook will be accessible in the electronic version from any computer using a web browser.

In addition, information from the electronic textbook will be downloadable for offline viewing anytime, and users will have the flexibility to adjust the size of each page (zoom in and out) and print pages as needed. Users can preview sections of the 5th edition textbook to test drive the variety of features the eBook has to offer. Visit [http://ebooks.aap.org](http://ebooks.aap.org) to give it a try.

A 5th edition NRP textbook DVD licensing option is now available to hospitals and other institutions that would like to provide organization-wide access to the DVD. A 6th edition NRP textbook DVD licensing option will be available in the future. This option will allow these institutions to post the materials electronically on their secure internal network, such as a library or other internal resource portal, providing users unlimited access to the materials.

For more information about AAP eBooks and NRP textbook licensing options, visit [http://ebooks.aap.org](http://ebooks.aap.org) or email ebooks@aap.org.
After years of research, field testing, and countless hours devoted to developing an evidence-based neonatal resuscitation curriculum for resource-limited areas, the Helping Babies Breathe\textsuperscript{SM} initiative will launch its program in June during the Global Health Council Conference in Washington, DC.

“We were holding off on a release (of the materials) until we completed the field studies to validate the educational principles of the curriculum. When we reached the point in the process of determining how to present the curriculum, I suggested we explore the possibility of doing the rollout in conjunction with the Global Health Council meeting,” explained George A. Little, MD, FAAP, Cochair, Helping Babies Breathe (HBB) Global Implementation Task Force. “It’s very exciting because we’ve been working on this initiative since 2006, and now we’re ready to say to the world ‘here it is’ and formally release the curriculum.”

“THIS IS NOT A CURRICULUM THAT LOOKS AT THE MOST DIFFICULT OR COMPLEX ISSUES. THE FOCUS IS TO MEET THE NEEDS OF EVERY BABY BORN.”

The rollout will include a hands-on “train-the-trainer” session on the HBB curriculum for individuals who will teach the course at the grassroots level. Another session will focus on hands-on training for program managers, policy makers, public health officials, students, and others with an interest in learning more about the HBB initiative.

A panel presentation featuring individual experiences and perspectives from five pilot sites is also on the agenda. “During the rollout, we want to focus on the academics, but it’s also important to bring people together who can tell us about their personal experiences with Helping Babies Breathe in the field,” said Dr Little, Professor of Pediatrics at Dartmouth-Hitchcock Medical Center in Lebanon, NH. The rollout will conclude with a Congressional briefing on Capitol Hill with key Congressional staff members and embassy representatives from pilot host countries.

The primary elements of this curriculum follow the Consensus on Science and Treatment Recommendations from the International Liaison Committee on Resuscitation (ILCOR.) The emphasis is on skilled attendance at birth, assessment of every baby, temperature support, stimulation to breathe, and assisted ventilation for all newborns within “The Golden Minute\textsuperscript{SM}” after birth.

“This is not a curriculum that looks at the most difficult or complex issues. The focus is to meet the needs of every baby born,” said Dr Little.

Since the inception of HBB four years ago, field testing of the curriculum materials has been conducted in targeted communities in Pakistan, India, Bangladesh, Tanzania, and Kenya. A pictorial action plan including illustrations, a facilitator flipchart, and a learner workbook are key educational components of the program.

Program partners for the HBB initiative are the United States Agency for International Development (USAID), Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Global Network for Women’s and Children’s Health Research, and Saving Newborn Lives.

The development of HBB is made possible by an unrestricted educational grant from the Laerdal Foundation for Acute Medicine. USAID and Latter Day Saints Charities have supported educational and implementation field test evaluation.
An exciting opportunity awaits both experienced and new NRP instructors with the addition of an Instructor DVD to the repertoire of NRP 6th edition materials. This DVD, available October 2010 in advance of the 6th edition launch in spring 2011, will guide NRP instructors through the most important changes to the NRP course curriculum and demonstrate how to incorporate simulation and debriefing into NRP courses.

Every NRP instructor will be required to purchase a copy of the Instructor DVD, which will cost $64.95 ($59.95 introductory offer through October 18th). Current NRP instructors need to purchase and watch the Instructor DVD by January 1, 2012 to retain instructor status. It will also now serve as a prerequisite for all 6th edition NRP instructor courses. Continuing education credits will be offered.

“If we could afford to do so, we would send every NRP instructor to a conference to learn about the NRP 6th edition course changes, receive basic hands-on simulation training, and learn team debriefing strategies. Unfortunately, this isn’t logistically or economically feasible,” explained Jeanette Zaichkin, RN, MN, NNP-BC, Cochair of the NRP Instructor Development Task Force and Coeditor of the Instructor DVD. “The purpose of the Instructor DVD is to provide the best and most economical educational presentation for NRP instructors as we transition to a simulation-based educational methodology in 2012.”

The NRP Instructor DVD: An Interactive Tool for Facilitation of Simulation-based Learning will include:

- A brief explanation of the philosophy and evidence supporting a change to simulation-based education
- How to create and conduct realistic, challenging clinical scenarios in both complex and simple classroom settings
- How to facilitate effective debriefings
- Tools for creating scenarios and conducting debriefings – core elements of an NRP Provider course
- Video clips of neonatal resuscitation skills for use in Provider and Instructor courses

The Instructor DVD can be viewed on a computer and will feature a number of video clips. These will include demonstrations of how to set up a T-piece resuscitator, how to administer Continuous Positive Airway Pressure (CPAP) during resuscitation, and how to carefully handle an extremely low birth weight baby.

A new video incorporated into the Instructor DVD will show how to place and secure an umbilical venous catheter (UVC) and explain revised procedures for placing and removing a laryngeal mask airway. Another demonstration will show how to create and apply simulated blood, vernix, and meconium, each with its own recipe, to create more realistic scenarios.

Effective debriefing is a new skill for many NRP instructors. Every scenario debriefing on the DVD will include automatic pauses, in which the image of the debriefing will fade back, and a pop-up screen containing either a question or teaching point guided by a voice prompt will appear. If a question appears, the learner will have an opportunity to select an answer. A correct response will trigger feedback confirming the answer and the DVD will advance to the next question or teaching point.

If an incorrect response to a question is selected, the video will rewind to the beginning of the clip and a recording will explain the correct answer before replaying the clip. After the clip has been reviewed again, the video will pause, fade back, and the question will appear with the correct answer in a pop-up screen.

If a teaching point appears in the pop-up screen instead of a question, the video clip will display the teaching point with a recording. The learner will be prompted to click on a continue button in order to resume watching the video from the point where it was paused.

continued on page 12
NRP Instructor Webinar on Course Design and Methodology

Be prepared for the changes coming to the NRP! Join other NRP instructors from around the globe as members of the NRP Steering Committee introduce new NRP instructional strategies and materials for instructors.

The NRP Steering Committee is presenting this event to instructors via a streaming webinar. An unlimited number of participants can listen at each site with only one registration fee. (Note: Continuing Education Credit for more than five attendees requires an additional fee.)

This unique and informative program is being offered on three different dates to give as many instructors as possible the opportunity to participate in this exciting and timely program. You will be able to ask questions of the faculty during the question-and-answer sessions and participate in audience polling with immediate display of the results.

This webinar will focus on instructor development, skills for effective debriefing, and interactive learning. The International Liaison Committee on Resuscitation (ILCOR) Consensus on Science with Treatment Recommendations and AAP/AHA Guidelines for Emergency Cardiovascular Care of the Neonate will be released October 18, 2010; however they will not be discussed during the webinar.

Webinars in late spring 2011, after the release of NRP 6th edition educational materials, will discuss the scientific changes.

Program Objectives:
• Describe components of an effective NRP course that integrates an online examination and simulation-based educational methodology
• Identify the resources and personnel needed for the new NRP
• Explain learning methodology of simulation and clarify that simulation is not technology dependent
• Distinguish important differences between a “teacher” of NRP and a “facilitator of learning,” and distinguish between providing feedback and debriefing

Faculty:
Lou Halamek, MD, FAAP
Jeanette Zaichkin, RN, MN, NNP-BC
Jane McGowan, MD, FAAP

Webinar Credit:
The American Academy of Pediatrics is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. This activity was planned and implemented in accordance with the ACCME Essentials.

The AAP designates this educational activity for a maximum of 2.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity is acceptable for a maximum of 2.0 AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the AAP.

The American Academy of Physician Assistants accepts AMA PRA Category 1 Credit(s)™ from organizations accredited by the ACCME.

This program is approved for 2.0 NAPNAP contact hours of which 0 contain pharmacology (Rx) content per the National Association of Pediatric Nurse Practitioners Continuing Education Guidelines.

This unique and informative program is being offered on three different dates to give as many instructors as possible the opportunity to participate in this exciting and timely program.
Application has been made to the Illinois Nurses Association (INA) for continuing education contact hours for nurses.

Application has been made to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists.

To receive credit, registrants will be required to complete and return an evaluation form to verify participation.

**Convenient and Time Saving:**
Webinars allow you to avoid traffic and parking challenges. In fact, there is no travel time or expense at all. Participants can call from a hospital, office, home, or anywhere there is a telephone. With the site license pricing, registrants can invite other participants to join in to discuss these important issues, and save money. Each session lasts only two hours. If you are not able to attend, you may purchase access to an On Demand streaming archive of the presentation.

**Interactive and Fast-Paced:**
The faculty’s interaction with you, the listener, will make this program enjoyable to listen to, and you can ask questions wherever you are. This feature is very much like participating in a talk-radio program.

**What You Will Need:**
*For video & audio:* An internet connection is required to view the visual information. No special hardware is needed – a dial-up connection will work fine. You will be able to watch the presentation while the speakers annotate their slides. Consider using a large monitor or a projection unit to allow a group to view the information.

*For audio only:* A phone is all that is needed, but a speakerphone is required for the audio if several people want to “attend” the program.

**What We Will Send You:**
Several days before the webinar(s), registrants will receive:

- Instructions on how to attend the webinar, including a toll-free number, course code, and PIN numbers to access the program
- Either a URL to obtain the handouts via e-mail or a hard copy of the materials via overnight mail. Please indicate whether or not you will need a hard copy of the materials shipped to you when you register for the webinar
- Registrants will need to duplicate the materials for others attending the webinar at their location
- A link to a roster form and evaluations to be completed and returned for credit verification and reporting

**Program:**

**NRP Course Overhaul**
Jeanette Zaichkin, RN, MN, NNP-BC
Jane McGowan, MD, FAAP

- An overview of new instructor and provider requirements
- Review of the rationale for changes
- The important differences between a “teacher” of NRP and a “facilitator of learning”
- The components of an effective NRP course of the future
- How new completion requirements will affect both current and future instructors

**Successful Simulation & Debriefing Training Plus Preview of NRP Instructor DVD:**
*An Interactive Tool for Facilitation of Simulation-based Learning*
Lou Halamek, MD, FAAP

- How simulation methodology promotes advances in adult learning theory and provides authentic, relevant instruction
- How to conduct debriefings as a means of providing constructive feedback and self-reflection
- Preview the contents of the NRP Instructor DVD: An Interactive Tool for Facilitation of Simulation-based Learning

**Nuts, Bolts & Budgets**
Jeanette Zaichkin, RN, MN, NNP-BC

- Specific instructor requirements
- Budgeting for the new NRP
- Live demonstration of the new online examination, which will now be required of learners

**IMPORTANT NOTE:**
While the new AAP/AHA guidelines will be released on October 18, this webinar offering will not address any questions related to science. A series of webinars that will focus exclusively on the science will be scheduled in late spring 2011.
The site fee for this program is $79 per location. This site fee includes one Internet connection, one telephone connection at one location, one master set of handouts (with permission to make additional copies for the participants at your location), an unlimited number of participants from your organization in one listening room, and Continuing Education credit for up to five participants.* Credit for additional participants is available for an additional fee. Remember there is no limit to the number of listeners at any one site, but there is an additional charge to issue credit for more than five attendees. You will be asked to submit names of all participants requesting CE credit to the AAP at the completion of the webinar.

Select Program Date:
- October 19th, 2010
- October 27th, 2010
- November 4th, 2010

Times will be the same for all seminars:
1:00-3:00pm Eastern
12:00-2:00pm Central
11:00am-1:00pm Mountain
10:00am-12:00pm Pacific

Can’t view the live webinar? Watch the On Demand Presentation instead for just $60.

Special Note: Individuals who register for the webinar can purchase the streaming presentation for only $30.

*CE Credit is available only to those participating in the live event.

Registrant Name: ________________________________________________________________

Professional Designation: _______________________________________________________

Organization Name: ____________________________________________________________

Street Address (no P.O. Box): __________________________________________________

City/State/Zip: _________________________________________________________________

Business Telephone & Extension: ________________________________________________

Fax Number: __________________________ E-mail Address:* ___________________________

* We will e-mail you instructions for the program as well as the URL for accessing your conference materials. You will need Acrobat Reader, available free at www.adobe.com.

Please check here if you are unable to receive your materials via the Web. We will ship a hard copy to you.
Four Easy Ways to Register

1.) Phone: Call KRM’s customer service line with your credit card information at 800/775-7654.

2.) Fax: Complete form with credit card information and fax to 800/676-0734.

3.) Mail: KRM Information Services, Inc.
P. O. Box 1187
Eau Claire, WI 54702-1187

If paying by check, make check payable to KRM. Payment must be in US funds.

4.) On-line registration:

Go to www.krm.com/aap

Note: Payment Must Accompany Registration

Credit Card Information

Check type of credit card:

- [ ] Visa
- [ ] MasterCard
- [ ] American Express
- [ ] Discover
- [ ] Diners Club

Credit Card Number ________________

Card Expiration Date: ______/______

Name on Card: _______________________

Signature: __________________________

Cancellation Policy

To cancel your registration for this event and receive a full refund, you must contact KRM customer service at 800/775-7654 no later than 48-hours prior to the scheduled start of the webinar. Any cancellations received after access information and supplemental materials have been sent (48 hours prior to the start of the webinar) will receive access to the On Demand presentation or a transfer to one of the other webinar dates.

Refund Policy

Full refunds will be given before:

- October 17th for the October 19th webinar
- October 25th for the October 27th webinar
- November 2nd for the November 4th webinar

There will be no refunds after these dates.

Registration Fee $79 per location (including credit for up to 5 participants)

Additional Credit Fee

- 6-10 participants. . . . . . . . . add $40
- 11-15 participants. . . . . . . . . add $75
- 16-20 participants. . . . . . . . . add $100
- 21-49 participants. . . . . . . . . add $200
- 50 or more participants . . . . add $500

$_______________

On Demand Streaming Presentation

- $30 each (with webinar registration)
- $60 each (without webinar registration)

$_______________

Phone charges

- Within the U.S. – No charge
- Outside the U.S., U.S. Virgin Islands and Puerto Rico – $23

$_______________

TOTAL $_______________
Dr Niermeyer Addresses Simulation Community

The latest simulation technologies and strategies were front and center during the Society for Simulation in Healthcare (SSIH) 2010 International Meeting in January. Susan Niermeyer, MD, MPH, FAAP, lead editor of the AAP Global Implementation Task Force Editorial Board, delivered a keynote address on the Helping Babies Breathe (HBB) initiative and the effectiveness of low-tech simulation in a high-tech world.

“I want to take you to a different place where resources are scarce, where health professionals are in very limited supply, and where a patient may live or die depending on the availability of the very most fundamental and basic interventions,” Dr Niermeyer said to her audience of high-technology simulation experts, referring to resource-limited areas around the world. “There’s a role for simulation in this environment as well as in our complex, sophisticated world.”

She used this opening remark to introduce the HBB initiative. She shared the low-tech simulation tools used with the HBB initiative, the paradigm for using these tools in educational settings, and the role of simulation in community mobilization for neonatal health.

Dr Niermeyer focused on the low-fidelity, yet highly realistic neonatal simulator used in HBB training, which was designed to meet the following criteria:

- Low cost
- High durability so the neonatal simulator can be used repeatedly
- Easily transportable and compact (lays flat)
- Realistic weight, temperature, and tone (neonatal simulator filled with water to simulate realistic birthweight)

“Most babies, even at term in the developing world, are lower birth weight than what we’re used to in the United States,” Dr Niermeyer said. “We can use a two liter soda bottle to fill the neonatal simulator with two liters of water, simulating two kilos of weight.”

“This is remarkable, even to a person who’s been doing this for 30 years, that when filled with warm water and when placed in your arms, this baby has the weight, the warmth, and the tone of a stillborn infant,” Dr Niermeyer added. “It is a powerful experience to hold this baby in your arms.”

If you are interested in learning more about Helping Babies Breathe, you can view Dr Niermeyer’s presentation online via a link on the NRP website. To view, go to http://www.jourindesign.com/IMSH2010_Niermeyer.html

Who Can Take an NRP Instructor Course?

There has been some confusion regarding eligibility and qualification requirements for becoming an NRP Hospital-Based Instructor (HBI).

According to the Instructor’s Manual for Neonatal Resuscitation, the Regional Trainer conducting the NRP course is responsible for verifying that instructor course participants meet specific eligibility requirements.

Regional Trainers must ensure that all course participants meet the following key requirements:

- Possess a current NRP Provider card, having completed Lessons 1-9
- Show evidence of current state licensure as a physician, registered nurse, respiratory care practitioner, or physician assistant
- Have current in-hospital experience working with newborns in a delivery room or newborn or critical care nursery setting
- Current ongoing delivery room neonatal resuscitation experience is preferred

“NRP regional trainers who do not screen applicants for eligibility before including them in an instructor course are in for an embarrassing and difficult experience,” explained Jeanette Zaichkin, RN, MN, NNP-BC, Cochair of the NRP Instructor Development Task Force and Editor of the Instructor’s Manual for Neonatal Resuscitation. “The AAP Life Support staff will reject the NRP course roster and the person who doesn’t meet eligibility requirements will not be granted instructor status even though that person took the course and successfully passed. Please be sure that your NRP course applicants are qualified to take your instructor course.”

For more information on HBI eligibility requirements, please refer to pages 6-21 in the Instructor’s Manual for Neonatal Resuscitation.
Preparing for the NRP 6th Edition

**Education Materials**

**AVAILABLE OCTOBER 2010**

**NRP Instructor DVD: An Interactive Tool for Facilitation of Simulation-based Learning**

Current and future NRP instructors will be required to purchase their own DVD, which will offer continuing education credit for physicians, nurses, respiratory therapists, and emergency medical technicians. Current NRP instructors are required to purchase and watch the DVD by January 1, 2012.

*Instructor DVD: $64.95*

**AVAILABLE SPRING 2011**

**Textbook of Neonatal Resuscitation & DVD, 6th edition**

Textbook and DVD that reflect new AAP/AHA guidelines practice.

*Textbook & DVD: $59.95*

**Updated Instructor’s Manual for Neonatal Resuscitation**

The manual includes strategies for guiding NRP students through acquisition of resuscitation skills, creation of scenarios, and facilitation of effective debriefing. The manual also covers the administrative tasks within the NRP instructor’s role and outlines the new format for future instructor courses.

*Instructor Manual: $59.95*

**Online Examination for Providers**

NRP course participants will be required to complete an online examination prior to their NRP course every 2 years. Hard copy tests will no longer be available.

*NRP Online Exam: $15-25 (depending on institution and quantities)*

**Online Examination for Instructors**

In order to ensure that NRP courses are taught by knowledgeable professionals, instructors will be required to complete the NRP online examination every two years. *The examination will be provided at no charge to current instructors.* Mandatory completion will be phased in beginning 2013.

**SUGGESTED SUPPLIES & EQUIPMENT**

**Skills Station**

This should feature all of the equipment necessary for neonatal resuscitation. Refer to the NRP instructor manual for a complete listing.

**Mannequins**

Three students at a time can typically use each mannequin during an NRP course (an expensive electronic simulator is not required). Learners may also benefit from access to neonatal intubation heads for practice of intubation and placement of a laryngeal mask airway.*

**Video Recording**

While the use of video recording is not required, instructors can enhance the learning experience by incorporating video playback for effective debriefing. You can invest in a simple camcorder and tripod for less than $400. Playback can be accomplished using a computer screen, an LCD projector, or a TV with DVD player.

**New Equipment**

Depending upon the 2010 ILCOR CoSTR and AAP/AHA guidelines statement to be released in mid-October 2010, oxygen blenders, pulse oximeters, and size 1 laryngeal mask airways may be included in the list of recommended equipment for resuscitation and NRP skill stations.

*Please note that until the guidelines are released on October 18, 2010, any suggestions regarding equipment should be considered conditional, and are not to be perceived as a recommendation for or against the use of such equipment.*

**Important note:** All prices listed here are estimates; list price at time of launch is subject to change based on actual production cost.
Mark your calendars for Friday, October 1, 2010 and plan to participate in the NRP Current Issues Seminar to be held in conjunction with the 2010 American Academy of Pediatrics (AAP) National Conference and Exhibition (NCE) in San Francisco. This seminar will be appropriate for any NRP instructors or health care professionals interested in neonatal resuscitation. (Please note: This is NOT an NRP course.)

This seminar will focus on instructor development, skills for effective debriefing and interactive learning. The International Liaison Committee on Resuscitation (ILCOR) Consensus on Science with Treatment Recommendations and AAP/AHA Guidelines for Emergency Cardiovascular Care of the Neonate will not be released until October 18, 2010 and will not be discussed at this seminar.

Plenary sessions include:
- The new NRP Instructor DVD and Online Examination
- Update on Extremely Low Birth Weight (ELBW) Guidelines
- And Much More!

Breakout sessions include:
- How to Structure your NRP Courses and Set Up Basic Simulation
- Scenario Facilitation and Debriefing
- New Equipment Considerations for NRP Courses

Objectives:
After participation in this program, attendees should be able to:
- Describe components of an effective NRP course that integrate a simulation-based training methodology
- Distinguish important differences between a “teacher” of NRP and a “facilitator of learning”
- Identify what equipment and personnel are needed and how to best assemble a basic (low-tech) simulation teaching seminar using low cost supplies

Seminar Credit
The American Academy of Pediatrics is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. This activity was planned and implemented in accordance with the ACCME Essentials.

The AAP designates this educational activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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The American Academy of Physician Assistants accepts AMA PRA Category 1 Credit(s)™ from organizations accredited by the ACCME.

This program is approved for 7.0 NAPNAP contact hours of which 0 contain pharmacology (Rx) content per the National Association of Pediatric Nurse Practitioners Continuing Education Guidelines.

Application has been made to the Illinois Nurses Association (INA) for continuing education contact hours for nurses.

Application has been made to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists.

2010 NRP Current Issues Seminar: Game Changers
October 1st, 2010

7:00-8:30AM Registration
“Tickets, Get Your Tickets!”

8:30-8:45AM Introductions & Announcements
“The Starting Lineup”
George Little, MD, FAAP, Program Chair
Steven Ringer, MD, PhD, FAAP, Program Chair

8:45-8:55AM Tribute to a Founding Member of the NRP
“Retiring a Great Player’s Number”

8:55-9:05AM The NRP Development Process
“Off Season Training”
Lou Halamek, MD, FAAP

9:05-9:45AM Extremely Low Birthweight Guidelines
“Little Leaguers”
Steven Ringer, MD, PhD, FAAP

9:45-10:05AM NRP Research Grant Presentation
“New Player in Town”
Kari Roberts, MD

Going Green!
The 2010 NRP Current Issues Seminar utilizes an online syllabus, and participants will not be provided paper handouts. Participants are encouraged to bring a laptop or print handouts in advance. Attendees will receive a web link to view the handouts two weeks prior to the 2010 NRP Current Issues Seminar, and upon registration at the NCE will receive a CD-ROM containing digital copies as well.
Friday, October 1, 2010 • AAP NCE
San Francisco, CA

10:05-10:20AM  Break
“7th Inning Stretch”

10:20-11:00AM  Instructor DVD & Online Evaluation
“Practice Like You Play”
Lou Halamek, MD, FAAP
Jeanette Zaichkin, RNC, MN, NNP-BC

11:00AM-12:00PM  Team Training
“Coaching Advice”
Eduardo Salas, PhD

12:00-1:00PM  Lunch
“Half Time”

1:00-2:30PM  Concurrent Sessions
Breakout 1: Facilitation & Debriefing
“Planning your Practice”
Gary Weiner, MD, FAAP
Lou Halamek, MD, FAAP

Breakout 2A: How to Structure Your NRP Courses and Set Up Basic Simulation
“Play Ball!”
Jeanette Zaichkin, RNC, MN, NNP-BC

Breakout 2B: How to Structure Your NRP Courses and Set Up Basic Simulation
“Play Ball!”
Myra Wyckoff, MD, FAAP

Breakout 3: Potential New Equipment Requirements for NRP Courses
“Cutting Edge Gear”
Barbara Nightengale, RN, MSN, NNP-BC

2:30-2:45PM  Break
“Time Out”

2:45-4:15PM  Repeat Concurrent Sessions

4:15-4:45PM  Adjourn
“At the Buzzer”
(Optional) Join the faculty for a debriefing session and an opportunity to ask any unanswered questions.
“Overtime”

Don’t Wait! Register NOW!
To participate in the NRP Seminar, you must register for the AAP National Conference and Exhibition. The NRP seminar fee is an additional $75, and includes a luncheon and the syllabus on CD. The 2010 National Conference and Exhibition (NCE) of the American Academy of Pediatrics will be held October 2-5, at the Moscone Convention Center, San Francisco. Consider staying to participate in the NCE! Your advance registration for the full NCE includes admission to all general sessions, section meetings, and committee events.

Please note: The NCE exhibit floor does not open until Saturday, October 2nd.

Interested individuals can obtain AAP National Conference and Exhibition registration materials in one of three ways:
Fax: 847/228-1281
Phone: 888/227-1770
Online: http://www.aap.org/nce

Registration opens the first week of June.

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<th>Category</th>
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<th>Regular Rate (Aug 21-Oct 4)</th>
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Congratulations to the following individuals who received 2009 NRP Grant Awards:

*Research Grant Awards:*

**Vasanth Kumar, MD,** University of Buffalo/Women and Children’s Hospital of Buffalo, Buffalo, NY, for “Resuscitation with Varying Levels of Oxygen Soon After Birth and its Effects on Long Term Outcomes in Neonatal Mice.”

**Jing Ling, MD,** Mount Sinai School of Medicine, New York, NY, for “Effect of Delivery Room Temperature on the Admission Temperature of Very Low Birth Weight Infants – A Randomized Controlled Trial.”

*Young Investigator Awards:*

**Bobby Mathew, MBBS, MRCP,** University of Buffalo/Women and Children’s Hospital of Buffalo, Buffalo, NY, for “Study of Optimal Ventilation to Chest Compression Ratio in Resuscitation of Neonatal Piglets.”

**Scott Witt, MD,** Duke University, Durham, NC, for “Video Laryngoscopy Assisted Coaching Improves Resistant Intubation Training.”

Congratulations to our research grant awardees!

The Fall/Winter issue of the *NRP Instructor Update* will include information about the 2011 NRP Research Grant Program and Young Investigator Award opportunities.