NEONATAL OUTREACH EDUCATION

Fall 2021 - Spring 2022

Continuing Education Credit

Nursing Contact Hours: Children’s Mercy Kansas City is approved with distinction as a provider of nursing continuing professional development by the Midwest Multistate Division, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

For successful completion, nurses must sign in and participate in the interactive sessions of the program.

Participants should claim only those hours of credit that they spent in the educational activity.

CPE Hours: Applied for from the Committee on Dietetic Registration.

CERP Hours: Applied for from the International Board of Lactation Consultation Examiners (Continuing Education Recognition Points).

Respiratory Therapists: The Children’s Mercy CEU Evaluator is an approved provider for Respiratory Continuing Education on behalf of the Kansas Respiratory Care Society, a chapter society of the AARC. Providership #KRC5003.

Emergency Medical Technicians in Kansas: Issued by Children’s Mercy. Certification: BLS/ALS. Level of training: BLS/ALS. Continuing Education hours have been applied for. PP #3114.
Patricia A. Reuter, MSN, RNC-NIC, is the Neonatal Outreach Education Coordinator at Children’s Mercy. She received a diploma in nursing from Saint Luke’s School of Nursing, Sioux City, Iowa; a bachelor’s of science in nursing from Bowling Green State University, Ohio; and a master’s of science in nursing (perinatal clinical nurse specialist tract with a focus on education) from the Medical College of Ohio, Toledo. Certifications include certification through National Certification Corporation (NCC) Certified Neonatal Intensive Care Nurse and a Pediatric Bioethics Certification. Patricia’s areas of expertise include coordination of education programs for perinatal health care professionals, neonatal nurse resource for community health care providers in the region, care of parents and ethical issues.

To learn more about the Neonatal Outreach Program, go to:

childrensmercy.org/neonatal

or contact Patricia Reuter at:
Telephone: (816) 234-1602
Email: preuter@cmh.edu

SAVE THE DATE: FRIDAY, APRIL 29, 2022
8th Annual Regional Neonatal Conference:
Decision-making for Optimal Care and Outcomes

Please use your phone camera to scan the QR code to register online.

OR visit: childrensmercy.org/neonatal

Questions?
Contact Patricia Reuter at:
Telephone: (816) 234-1602 | Email: preuter@cmh.edu
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Introduction

The Neonatal Outreach Education Program at Children’s Mercy is designed to promote the education of the region’s health care professionals and public about neonatal and perinatal care.

Participation in the program begins with an on-site assessment of the community hospital to identify educational needs of the staff. Following the visit, an individualized curriculum, in accordance with the staff’s strengths and educational needs, is developed. We offer didactic as well as clinical skills programs and simulation. The program is evaluated through ongoing assessments that result in further program development. Immediate consultation with Children’s Mercy physicians, nurses, nutritionists, respiratory therapists, pharmacists, social workers and other staff is available on an ongoing basis.

GOALS

- Educate professional staff regarding comprehensive neonatal-perinatal care.
- Educate the public to promote optimal newborn health.
- Develop individualized teaching programs for community hospital personnel.
Physical Exam and Gestational Age Assessment of the Newborn, 3rd Edition

This updated, 3rd edition course is highly visual and unique. The gestational age assessment component is based on the Ballard exam. Participants will see how to apply different scoring categories by taking a close-up look at preterm through term infants. The physical exam component is a thorough look at the neonate from head to toe. Both normal and abnormal findings are presented. Numerous photos, illustrations and animations make difficult concepts easy to understand for all levels of learners.

Contact Patricia Reuter by email at preuter@cmh.edu to schedule a course at your hospital. Include several dates that you have room availability. A minimum of 10 participants is required for the course. Inviting professionals from area hospitals is encouraged if needed to meet this minimum.

This education activity awards up to 6.7 nursing contact hours.

This education activity awards up to 8.1 hours of Kansas Respiratory Continuing Education.

Fee: $400 (Flat fee for a minimum of 10 participants, includes slide handouts, complete physical exam of the newborn worksheet and continuing education credit).
The S.T.A.B.L.E. Program, Learner Course

The S.T.A.B.L.E. Program is the most widely utilized and implemented pre-transport/post-resuscitation stabilization educational and clinical tool that has been implemented throughout the U.S. and in many regions worldwide. “S.T.A.B.L.E.” stands for the six program modules: Sugar and Safe care, Temperature, Airway, Blood pressure, Lab work and Emotional support for the family. A seventh module, Quality Improvement, stresses the professional responsibility of improving and evaluating care provided to sick infants. Neonatal assessment and stabilization guidelines are offered in each module. Prevention of adverse events and delivery of safe patient care are stressed throughout the program.

Stabilization is a team effort! Therefore, any health care provider involved with post-resuscitation and/or pre-transport stabilization care of sick neonates would benefit from the S.T.A.B.L.E. Program curriculum. This includes: physicians, registered nurses, midwives, advanced practice registered nurses, licensed practical nurses, nursing assistants, respiratory therapists and pre-hospital providers (emergency medical technicians and paramedics).

Contact Patricia Reuter by phone at (816) 234-1602 or email at preuter@cmh.edu to schedule a course at your hospital. Include several dates that you have room availability. A minimum of 10 participants is required for the course. Inviting professionals from area hospitals is encouraged if needed to meet this minimum. Sixth Edition Learner Manuals are ordered by each institution.

Up to two courses per year will be offered to all basic (Level 1) and specialty (Levels 2 and 3) hospitals; however, please contact us to find out if an area hospital is sponsoring a course.
All courses may be offered virtually with a maximum of 12 participants. This is offered via a Microsoft Teams Meeting.

This education activity awards up to 7.6 nursing contact hours.

This education activity awards up to 9.2 hours of Kansas Respiratory Continuing Education.

This education activity awards up to 7.3 hours of Emergency Medical Technicians Education in Kansas and Missouri.

Please contact Patricia A. Reuter, MSN, RNC-NIC, Coordinator, Neonatal Outreach Education, for pricing and to register or schedule a course for your facility.

Telephone: (816) 234-1602    Email: preuter@cmh.edu
The S.T.A.B.L.E. Cardiac Module 2nd ed. Program provides general guidelines for the assessment and stabilization of neonates with suspected, severe forms of congenital heart disease (CHD). Prompt, effective and appropriate care of neonates with severe CHD can reduce secondary organ damage, improve short- and long-term outcomes, and reduce morbidity and mortality. Common palliative and surgical treatment options will also be explained.

This information is presented in a highly visual format using an animated slide presentation, and is divided into three sections:

**Part 1:** Physical exam of neonates with suspected CHD.

**Part 2:** Review of the anatomic features, clinical presentation and initial stabilization of neonates with severe forms of CHD.

**Part 3:** Modifications to the six S.T.A.B.L.E. assessment components that are necessary when caring for neonates with CHD.

8 a.m. – 5:30 p.m.

Thursday, May 26, 2022

Professional Office Building at Adele Hall, Children’s Mercy

**Continuing Education:**

This education activity awards up to 7.25 nursing contact hours.

This education activity awards up to 8.7 hours of Kansas Respiratory Continuing Education.

**Fee:** $50 (Book not included in fee).

(Must also have current book—to order, go to stableprogram.org/shop/ and purchase S.T.A.B.L.E.-Cardiac Module Manual, 2nd edition, $64.95 current price).
This course is designed for health care professionals involved in any aspect of neonatal resuscitation, both those taking NRP for the first time and those renewing. While this course does not guarantee proficiency during an actual resuscitation, it lays the foundation of knowledge, technical skills, teamwork and communication skills that enable participants to continue development of neonatal resuscitation skills. Participants need to self-study the NRP textbook and complete all online coursework prior to the in-person course.

For more information, please go to aap.org/nrp. Time at the in-person course will focus on hands-on learning for practicing skills, integrated skills stations for evaluation, immersive simulations and constructive debriefings. The simulation, including a debriefing component, is used primarily to improve teamwork and communication.

For course availability and details on versions offered, please contact the Children’s Mercy Simulation Team at nrp@cmh.edu or call (816) 302-0218.

Contact hours are offered by the American Academy of Pediatrics upon completion of the online NRP examination.

Additional fee(s): online examination fee incurred at aap.org/nrp (employees of Children’s Mercy should contact nrp@cmh.edu for details pertaining to NRP).
Please contact: Simulation Team at nrp@cmh.edu or (816) 302-0218.
Simulation: Neonatal Stabilization Scenarios

Neonatal Outreach Education, in conjunction with the Center for Pediatric Simulation, provides simulation experiences focused on the stabilization of premature and sick neonates. These simulations are designed to involve inter-professional teams by recreating high-risk scenarios in neonatal care environments. Neonatal simulation scenarios will be developed for your facility by the Center for Pediatric Simulation and our neonatologists to meet your team’s needs. High-fidelity simulation provides your team with practice in a safe learning environment through interactive scenarios and debriefing. Scenarios are conducted with the use of high-fidelity mannequins that enhance scenario realism. The sessions are facilitated by a team of simulation experts and a neonatologist.

To schedule this comprehensive three- to four-hour simulation session at your facility with our team, please complete a request for simulation services (https://cmkc.link/CMHSimulationRequest). A member from the Center for Pediatric Simulation will then contact you and gather specific information about your needs. A minimum of five and maximum of 10 inter-professional participants are required for the simulation. Participation of a provider who can perform and/or direct all aspects of stabilization including intubation, placement of umbilical lines and ordering of medications is highly encouraged to protect the realism of the simulation. If this is not possible, please contact the Simulation Team so modifications can be made. Successful completion of the NRP (Neonatal Resuscitation Program) Provider Course and the S.T.A.B.L.E. Program Learner Course are recommended and encouraged for the best simulation experience.

For questions regarding this course, please contact the Simulation Team at simteam@cmh.edu or call (816) 302-0218. Due to the effects of the Covid-19 pandemic, scheduling these simulations is delayed. Please contact our team for details.
Fetal Monitoring Course

Intermediate Fetal Monitoring Course (one-day class)
This 7th Edition course consists of an online learning prerequisite education and a one-day instructor-led course. Skills taught and knowledge assessed include:

- Maternal and fetal physiology
- Interpretation of fetal and uterine monitor tracings
- Evaluation of auscultated fetal heart sounds
- Leopold’s Maneuvers
- Placement of fetal spiral electrodes and intrauterine pressure catheters
- Evaluation of and strategies for enhancing communication

This course is presented to approximately 15,000 clinicians annually and may be used as a competency assessment to validate the knowledge and skills of perinatal clinicians who utilize fetal monitoring and includes a post-test to assess learner knowledge.

Dates: April 4, 2022

Contact Hours: 18.0 contact hours are offered by AWHONN (The Association of Women’s Health, Obstetric and Neonatal Nurses) upon completion of the course.

Fee: Intermediate two-day course: $225 (This includes workbook and testing materials).

For questions, contact: Amy Hemme, MSN, RNC-OB, Education coordinator, Fetal Health Center, (816) 234-9338, ajhemme@cmh.edu.

Advanced Fetal Monitoring Course (one-day class)
Advanced Fetal Monitoring is an eight-hour course designed for the experienced clinician who has previously completed an Intermediate Fetal Monitoring Course. This one-day instructor-led course, which was revised in 2017, is designed to prepare perinatal clinicians to care for patients with complex fetal heart monitoring tracing. Course components include:

- Complex case studies that include recommended interventions
- Communicating with colleagues
- Advanced principles of maternal-fetal physiology

Location: All classes will be held at Children’s Mercy Kansas City, 2420 Pershing Road (room TBD)

Date: May 17, 2022

Contact Hours: 8.0 contact hours are offered by AWHONN (The Association of Women’s Health, Obstetric and Neonatal Nurses) upon completion of the course.

Fee: Advanced one-day course: $200 (This includes workbook and testing materials).

For questions, contact: Amy Hemme, MSN, RNC-OB, Education coordinator, Fetal Health Center, (816) 234-9338, ajhemme@cmh.edu.
The mission of Breastfeeding Counselor Certification is to recognize excellence in the specialty role of the nurse lactation counselor. All Prepared Childbirth Educators Inc. (PCE) certifications are on the American Nurses Credentialing Center (ANCC) inclusion list of accepted national certifications regarding Magnet status. This list can be found at https://www.nursingworld.org/ancc/.

**REQUIREMENTS:** Current active nursing license and one year working with lactating women OR an approved lactation course. This two-day course fulfills the requirement.

**CONTENT:** This two-day program follows the Baby Friendly Hospital Initiative outline and will cover relevant, research-based topics such as: the role of the health care professional, anatomy and physiology of breast, latch and suck assessment, guidelines for the first week of life, nutritional needs of the nursing dyad, management of common problems, special needs (i.e. prematurity, late preterm, multiples, cleft lip/plate, neurological problems and re-lactation), medications, lactation aids, supporting and empowering women and their infants.

Live Virtual Zoom Breastfeeding Counselor Prep Course: "Breastfeeding- Beyond the Basics" - childbirth education *Purchase of the Live Virtual Zoom Prep Course does not include the certification examination. The certification exam is a separate optional purchase – more information below.* childbirtheducation.org

The course is offered once a month. The cost of the course and the certification exam is $450. The exam must be proctored by a professional at management level or higher, (i.e., a nursing supervisor, manager or education lead), it cannot be a co-worker or colleague. You can also take the test at a testing center. Please visit the PCE website for further information on the course and exam.

**Contact Hours:** 16 nursing contact hours/L-CERP for the two-day breastfeeding course, which means that the curriculum has been review approved by the Pennsylvania State Nurses Association, which is part of the ANCC system.

PCE is also a continuing education provider through the California State Board of Nursing. The course is reviewed and approved annually by the International Board of Lactation Consultant Examiners.

**DATES and TIMES:** 2022 dates TBD. Children’s Mercy employees will be expected to take the one-hour certification exam that is given during the two weeks following the course.

**LOCATION:** Course will be virtual. Required exam will be administered during the two weeks following the course. Staff will need to sign up for the exam prior to course dates. Multiple dates and times will be available for exam.
Lactation (cont.)

**FEE:** Outside participants may sign up for the course at


**Free to all Children’s Mercy personnel** – Sign up in Cornerstone. Watch email and Daily E-news for course announcement.

*If the course is full, you may request to be put on a wait list.*

**For questions, contact:** Kyla Galate, RN, BSN, RNC-NIC, IBCLC
Lactation Services, kygalate@cmh.edu
childrensmercy.org/neonatal

To speak with a lactation consultant, please call Lactation Help Line at (816) 346-1309.

Consultative Services

On-site Assessment

Clinical consultations are available to all primary health care providers in the region. Consultations (by phone or on-site) are provided regarding the current management of high-risk mothers and neonates and/or equipment.

On-site assessment of equipment, services and/or staff is available upon request.

Perinatal Continuing Education Program (PCEP)

This is a comprehensive program that is useful in the daily work of physicians, nurses and other personnel who care for pregnant women and/or newborns. In keeping with the time and personnel limitations most hospitals experience, program activities take place within each participatory hospital. In addition to cognitive information and skill instruction, PCEP is also an educational process that engages all perinatal core providers and includes tools for resource assessment, competency evaluation and risk reduction. PCEP offers efficient, economical and effective perinatal education.

This program has proven to increase cognitive knowledge and improve patient care.

For more information about this course, please go to med.virginia.edu/cme/pcep/.
If your institution is interested in participating, please contact Patricia Reuter at preuter@cmh.edu or call (816) 234-1602.
Neonatal Topic Presentations

Specific presentations are designed to meet the needs of individual agencies as requested. Our outreach team works with you to design a presentation to reflect your unique interests and meet your scheduling needs. Presentations are offered at your facility or the location you request.

Respiratory Disorders Affecting the Neonate:
- Stabilization of the Neonate for Transport
- Perinatal Asphyxia/Neonatal Depression
- Meconium Aspiration: Prevention and Management
- Respiratory Distress
- Physiology of Normal Respiration
- Oxygen Administration and Monitoring
- Acid/Base Balance
- Neonatal Resuscitation

Congenital Anomalies:
- Management of Infant with Congenital Malformations
- Inherited Congenital Defects
- Surgical Emergencies of the Neonate
- Cleft Lip/Palate and Feeding Issues

Complications in the Neonatal Period:
- Perinatal Viral Infections
- Perinatal Bacterial Infections
- Neonatal Seizures
- Intracranial Hemorrhage
- Care for the Small-for-Gestational-Age Newborn
- The Premature Infant
- Perinatal Substance Abuse
- Neural Tube Defects
- Cardiac Defects in the Newborn
- Care of the Diabetic Mother’s Infant
- Outcome of the Very Low Birth Weight Infant
- Hyperbilirubinemia
- Hypoglycemia: Diagnosis and Treatment

Management of Neonatal Loss:
- Sudden Infant Death Syndrome (SIDS)
- Perinatal Morbidity and Mortality
- Perinatal Loss and Grief
Diagnostic and Therapeutic Procedures:
- Assessment of Basic Neonatal Care
- Antenatal Fetal Evaluation
- Temperature Regulation
- Infant Nutrition
- Breastfeeding Update
- Difficulties with Breast and Bottle Feeding
- Neonatal Pharmacologic Agents
- Neonatal Lab Values
- Fluids, Electrolytes and Renal Function of the Neonate
- Monitoring in the Special Care Nursery
- Screening for Congenital Metabolic, Endocrine and Hemoglobin Disorders
- Physical and Gestational Age Assessment of the Newborn
- Pain Management for Newborns
- Basic X-ray Interpretation
- Developmental Care
- Therapeutic Hypothermia

Hands-On Procedures/Skills
- Heating and Humidifying on Oxygen/Air Mixture
- Measuring Oxygen Concentration
- Mixing Oxygen and Compressed Air
- Peripheral Arterial Blood Gas Sampling
- Peripheral IV Insertion and Taping the IV
- Positive Pressure Ventilation with Bag and Mask or T-Piece Resuscitator
- Endotracheal Intubation Assisting, Verifying Placement and Securing ET Tube
- Umbilical Venous Catheter Insertion
- Umbilical Artery Catheter Insertion
- Pneumothorax Evacuation: Needle Aspiration of the Chest
- Pneumothorax Evacuation: Chest Tube Insertion
- Screening Newborns for Critical Congenital Heart Disease (CCHD) Using Pulse Oximetry

For topic presentation requests, a minimum of 10 participants is required. For skills, a minimum of five and a maximum of 20 participants per session are required.

If you are interested in any of the topics, please contact Patricia Reuter at (816) 234-1602 or preuter@cmh.edu.
In the event of roads closing/detours, please visit our website for the latest directions: childrensmercy.org/directions

Children’s Mercy Kansas City
2401 Gillham Road
Kansas City, MO 64108
Registration

Please use your phone camera to scan the QR code to register online.

OR visit: childrensmercy.org/neonatal

Questions?
Contact Patricia Reuter at:
Telephone: (816) 234-1602   |   Email: preuter@cmh.edu

SAVE THE DATE

8th Annual Regional Neonatal Conference:
DECISION-MAKING FOR OPTIMAL CARE AND OUTCOMES
FRIDAY, APRIL 29, 2022
Virtual Offering

This full-day conference is intended for those clinicians who participate in the care of neonates.

For conference details and registration, please visit childrensmercy.org/neonatal