S.T.A.B.L.E. – Cardiac Module: Recognition and Stabilization of Neonates with Suspected CHD

Program description

The S.T.A.B.L.E. - Cardiac Module provides general guidelines for the assessment and stabilization of neonates with suspected, severe forms of congenital heart disease (CHD). The common surgical and palliative treatment options are also explained, thus providing important information that caregivers may utilize to communicate uniformly with families of infants with 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. The registration fee includes breakfast, lunch, breaks, and a Cardiac Module handbook. This information is presented in a highly visual format using an animated PowerPoint® 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 CHD, and emphasizes differentiation of cardiac from pulmonary disease. Specific heart lesions, including palliative and surgical options are covered in detail.

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

This course is approved for 9 contact hours of nursing continuing education credit by CA BRN provider # 15417

Agenda

07:30	**Registration and Continental breakfast (provided)**
08:00	Course begins. Physical examination of the neonate – vital sign and physical exam clues that CHD may be present
09:30	**BREAK (15 minutes)**
09:45	Physical exam (continued), followed by Cyanotic CHD: not ductal-dependent lesions (tetralogy of Fallot with mild pulmonary stenosis, truncus arteriosus, total anomalous pulmonary venous return, Ebstein's anomaly)
11:45	**LUNCH (provided)**
12:45	Cyanotic CHD: ductal-dependent lesions (transposition of the great arteries, tricuspid atresia, pulmonary atresia, tetralogy with severe PS or PA Prostaglandin E1: dose, side effects; right-to-left and left-to-right ductal shunting to improve pulmonary or systemic blood flow Left outflow tract obstructive lesions: clinical presentation and stabilization
14:30	**BREAK (15 minutes)**
14:45	Left outflow tract obstructive lesions: clinical presentation and stabilization (continued) and case reviews S.T.A.B.L.E. Program module review – modifications necessary for the care of neonates with CHD
17:00	**Evaluations and Adjourn**

Course Objectives. *Upon completion of this course, participants should be able to:*

1. Describe at least five components of physical examination in neonates, including changes in vital signs that may indicate the presence of congenital heart disease.
2. Discuss the clinical presentation of infants with non-ductal dependent and ductal dependent cyanotic congenital heart disease.
3. Explain the pattern of blood flow that is established when prostaglandin E_1 is initiated to promote a right-to-left versus a left-to-right ductal shunt.
4. Differentiate between the clinical presentation of cyanotic congenital heart disease versus left outflow tract obstructed congenital heart disease.
5. Explain at least two palliative procedures that may be indicated, based on the infants clinical state, age, and opportunity for future surgical repair.
6. Discuss the most common surgical repair options for the lesions discussed in this module.
7. List the necessary and prompt stabilization care when infants have severe and/or life threatening heart defects using the S.T.A.B.L.E. mnemonic system.

This course is open to any interested participant**. Instructor Course attendance is **not required** to attend this session. For those attending the Instructor Course, this Cardiac Module offering is "optional" attendance. **For more information,** contact Mason Meinhold, National Instructor Course coordinator at **Mason@stableprogram.org** or visit **www.stableprogram.org

Course Location

University Guest House and Conference Center
110 S. Fort Douglas Blvd
Salt Lake City, UT 84113

Includes continental breakfast, lunch, afternoon snack, & a Cardiac Module handbook. 9 Contact hours awarded.

Course Faculty

Kristine A. Karlsen, PhD, NNP-BC
Author, The S.T.A.B.L.E. – Cardiac Module, The S.T.A.B.L.E. Program post-resuscitation course, The Neonatal Stabilization Scenarios Learning resource materials, and the Physical Exam/Gestational Age Assessment Learning resource. Dr. Karlsen will be assisted by neonatal cardiac expert **Ms. Vicki Greenland, BSN, RN.**

Cancellation policy for all S.T.A.B.L.E. Courses

Refund will be made by check. For those registrations paid for by credit card, a $20 processing fee will be assessed, per registration, for the original bankcard fee assessed at the time of registration.

Cancellation 31 or more days before the course: 100% refund (*less $20 credit card fee if applicable)
Cancellation 15 to 30 days before the course: 50% refund (*less $20 credit card fee if applicable)
Cancellation 7 to 14 days before the course: 25% refund (*less $20 credit card fee if applicable)
Cancellation 0 (no show) to 6 days before the course: No refund

Course Transfer Policy

Transfers to another course date 0 to 4 days prior to the event currently registered for:

$60 fee (if transferring a one-day course)
$120 fee (if transferring a two-day course)
$180 fee (if transferring a three-day course)
$240 fee (if transferring a five-day course)

If you do not attend the course you transferred to, then all fees will be forfeited. You may re-transfer to another course, but additional fees may apply if the transfer occurs within the 0 to 4 days prior to the course time frame.