

Pediatric and Neonatal Critical Care Transport Program

PNCCTSM

Course Description/Information packet

Thank you for your interest in sponsoring a Pediatric and Neonatal Critical Care Transport Program. (PNCCTSM) course. PNCCTSM was designed in response to the growing need for qualified specialists in the area of pediatric and neonatal critical care inter-facility transfer. It will help prepare paramedics and nurses to serve with competence and confidence in meeting the needs of critical care pediatric and neonatal patients undergoing inter-facility transports. While traditional paramedic education programs teach essential skills and provide a knowledge base for the management of patients in the pre-hospital setting, these training programs frequently do not teach the skills and knowledge necessary to manage critical pediatric and neonatal patients between hospitals, specialty referral centers, and extended care facilities. The PNCCTSM program will assist the clinician in developing the necessary skills and knowledge to manage critical pediatric and neonatal patients during a high risk transfer. Essentially, PNCCTSM is "post graduate education" for the paramedic or nurse that attempts to standardize training and levels of care in inter-facility transport.

We hope this helps.

There are two (2) options in offering the PNCCTSM course:

(1.) PNCCTSM Educational Institution Site License (ESL)

Universities, colleges and accredited institutions that offer ALS allied health programs are eligible to obtain an educational site license to conduct on-going PNCCTSM courses according to a price structure designed for repeat courses. If you qualify as an educational institution, please contact UMBC for further information.

(2.) PNCCTSM Outreach Sponsor

Agencies or organizations that do not offer ALS allied health programs, or do not affiliate with such, may also sponsor a PNCCTSM course. These parties may contract with UMBC to conduct the course on a pay-for-course fee structure. If you qualify as an outreach sponsor, please contact UMBC for further information.

Sites may choose to offer a course as an Outreach Sponsor initially to determine local interest and become an ESL afterwards. Sites also have the ability to perform repeat outreach courses if desired.

Costs for both options are discussed on Page 5 under "PNCCTSM Expenses".

PNCCTSM Personnel

The PNCCTSM Program Director/Coordinator and PNCCTSM Program Administrator are responsible for overall program management and quality of the course. The PNCCTSM Program Coordinator is primarily responsible for curriculum and educational issues; the PNCCTSM Program Administrator is primarily responsible for scheduling, contracts and administrative issues.

PNCCTSM Program Coordinator
Crista Lenk Stathers, MA, EMT-P
(410) 455-6241 or clenk@umbc.edu

PNCCTSM Program Administrator
(410) 455-6241 or ehspace@umbc.edu.

The Site Coordinator has the overall responsibility of coordinating and managing the course. The Site Coordinator must have previously attended and successfully completed a PNCCTSM course. The Site Coordinator is chosen by the ESL/Sponsor with final approval by the PNCCTSM Program Coordinator.

Educational Site License Coordinator (ESLC) and Outreach Sponsor Coordinators:

- must have a designated PNCCTSM Site Coordinator that has a current certificate of completion from the UMBC PNCCTSM program.
- must be on site for the **entirety** of the PNCCTSM course and adhere to the PNCCTSM Policies & Procedure Manual.
- operate with guidance from the PNCCTSM Program Coordinator and PNCCTSM Program Administrator.
- ensure that required paperwork is submitted on time, recruit and confirm local faculty, ensure sufficient facilities, equipment and resources for the program.
- maintain all course materials and attendance records.
- submits all required materials to the PNCCTSM Program Administrator upon completion of the course.

A Medical Director is required for the course. They should be familiar with critical care transport and have experience with pediatric and neonatal medical education as well as emergency health services education. The medical director should be:

1. Currently licensed to practice in state.
2. Preferably employed in an emergency department in state.
3. Pediatric Emergency medicine board certified or board eligible.
4. Able to assure medical accountability of the program.

PNCCTSM Participant Requirements

- PNCCTSM is open to any current paramedic or registered nurse who has worked in that capacity for a recommended (1) one year.
- Current CPR, PALS/PEPP/PPC or ENPC and NRP certifications are required.
- Copies of current certification cards must be submitted with each registration. Failure to submit these copies will disqualify the student from taking the final examination.

Continuing Education Units

This continuing education activity has been approved by UMBC, an organization accredited by the Commission on Accreditation for Prehospital Continuing Education (CAPCE).

Many colleges/universities offer college credits for the PNCCTSM course.

Scheduling a PNCCTSM Course

To become an ESL or an Outreach Sponsor and schedule a PNCCTSM course at your site: Contact UMBC at (410) 455-6241 or ehspace@umbc.edu to request further details explaining criteria and costs. A formal application is required prior to scheduling or planning a course. A course application is required each time an ESL/Sponsor wishes to conduct a PNCCTSM course regardless of whether you are an ESL or an Outreach Sponsor.

Advertising a PNCCTSM Course

- The ESLC/Sponsor is responsible for advertising and promoting the course.
- All course advertising including brochures, flyers and advertisements must be approved by the PNCCTSM Program Administrator prior to distribution.
- The ESLC/Sponsor may produce its own flyers and brochures in accordance with the previously stated regulations.
- UMBC's name and/or logo must appear in the advertisement.
- ESLC/Sponsors must provide UMBC with their federal tax identification number, website link, e-mail address, and agency logo.
- ESLC/Sponsors may provide brochures to UMBC for distribution at nationally held conferences and should send these brochures directly to the conference hotel.
- All ESLC/Sponsor courses will be advertised on the PNCCTSM website maintained by UMBC unless specifically requested otherwise.

PNCCTSM Course Schedule

The recommended nine (9) day schedule can be conducted over a two- to ten- week time frame. The organization of the schedule may be modified to fit instructor schedules; however, permission must be obtained to change the time allotment for any topic. Additional topics and clinical rotations may be added, but PNCCTSM topics may not be deleted. Some sites may consider conducting courses over a college semester as flexibility is allowed within reason.

PNCCTSM Faculty

It is the responsibility of the Site Coordinator to recruit credentialed faculty for each section of the course. If necessary, faculty recommendations are available from UMBC, and the PNCCTSM Program Coordinator can assist the Site Coordinator in recruiting appropriate faculty. However, it is the responsibility of the Site Coordinator to contact and negotiate directly with any referral.

- All faculty must be approved by the PNCCTSM Program Coordinator. The Site Coordinator must show that recommended faculty have expertise in their fields. Faculty should be familiar with the management and transportation of pediatric and neonatal critical care patients in the inter-facility environment.
- Acceptable PNCCTSM faculty may include paramedics, physicians, respiratory therapists, nurses, physician assistants, and pharmacists.
- The ESL/Sponsor is responsible for compensating faculty. The compensation is determined by the Sponsor and Site Coordinator.

PNCCTSM Curriculum

ESL Courses:

UMBC will provide the ESL with a master copy of the course curriculum; complete set of lesson plans, electronic files containing the Power Point presentations, instructor/coordinator guide, self-assessment questions, and one master student resource guide electronically. UMBC will also provide notebook covers/spines and inserts for each student resource guide upon request from the ESL.

Outreach Courses:

UMBC will provide the Outreach Sponsor with a master copy of the course curriculum, complete set of lesson plans, electronic files containing the Power Point presentations, instructor/coordinator guide, self-assessment questions, as well as, one PNCCTSM resource guide for each of the students.

Any unused materials MUST be returned upon completion or cancellation of the course.

PNCCTSM Textbooks

UMBC has selected the below-listed textbooks to supplement the PNCCTSM curriculum. The supplemental readings in the student resource guide have been correlated to these books, however, any equivalent textbooks may be used. In addition, texts on pharmacology, and laboratory values may be helpful.

REQUIRED TEXTS:

Hazinski, M.F. Nursing Care of the Critically Ill Child, 3rd Ed. Mosby: 2012, ISBN 9780323020404.

Merenstein, G.B., Gardner, S.L. Handbook of Neonatal Intensive Care. 8th Ed. Mosby: 2016, ISBN-13: 978-0-323-32083-2.

John Hopkins Hospital, & Engorn, et al, Harriet Lane Handbook. 21st Ed. Mosby: 2017 ISBN 978-0-323-39955-5

UMBC / JHU PNCCT Student Resource Guide

PNCCTSM Equipment and Facilities

- The Site Coordinator will be responsible for securing all necessary equipment, a comfortable classroom, and all audiovisual equipment.

- To enhance the learning experience, it is recommended that the Site Coordinator contact local vendors for loan equipment and/or equipment demonstrations. Due to the diversity of students attending the course, try to arrange to have as many brands of equipment and new items as possible.

UMBC does not endorse any particular product. If the course is being taught for one particular service, be sure to include the brand of products being used by that service. An exhaustive equipment list is available. It is paramount that you provide the students with the opportunity to have hands-on time with equipment.

PNCCTSM Certificate and Patch

UMBC will provide a certificate of completion, wallet card and PNCCTSM patch or pin to all participants successfully completing the course and passing the PNCCTSM final examination. The renewable certificate will be valid for three (3) years. This certificate is not a license nor certification if it is not recognized by your State.

PNCCTSM Course Sponsorship Expenses

Course and Participant Fees

- The PNCCTSM educational site license fee is \$3500 (\$2500 current CCEMTPSM ESL's) plus \$350 per participant. The site license fee of \$3500 (\$2500 current CCEMTPSM ESL's) includes securing your status as an ESL, the course curriculum, UMBC consultation, administrative support, final examination, certificates of completion and advisory capabilities for course changes, updates and revisions.
- The PNCCTSM course utilization fee for outreach sponsors is \$2500 plus \$350 per participant. The course utilization fee of \$2500 includes the use of the curriculum, accompanying audiovisuals, final examination, certificates of completion, and off-site UMBC consultation and administrative support. The deposit will be refunded if UMBC cancels the course. A request for a refund of the deposit (less 10%) must be received in writing no later than six weeks (42 days) prior to the start of the course or the deposit will be forfeited. Should the Sponsor cancel the course for any reason, including insufficient enrollment, less than six weeks prior to the start of the course, the deposit will be forfeited. If the sponsor decides to postpone the course and reschedule within six months of the original course dates, there will a 5% transfer fee. Cancellation of the second course (prior to six weeks of the course start) will result in a 15% cancellation fee. **The curriculum and supplies must be returned to the PNCCTSM Program Administrator immediately upon completion of the course.**
- Registration fees for individual courses are determined by the ESL/Sponsor and Site Coordinator, and not by UMBC. Courses have ranged from \$400 to \$800 based on location and organizational expenses.

Travel expenses

The ESL/Sponsor will be responsible for all travel expenses plus 10% (university overhead) of the PNCCTSM Program Coordinator (or designee) for administration of the final exam, and the PNCCTSM Program Coordinator (if on-site administration is requested). Expenses will include:

- round trip airfare (When scheduling course dates, keep in mind a Saturday night stay usually reduces the cost of airfare.); parking expenses;
- ground transportation;
- meals;
- suitable lodging; and,
- any necessary business expenses that may be incurred directly related to the trip.
- Travel arrangements can be made by either the Sponsor or the PNCCTSM Program

Administrator, however, UMBC must approve any flight itineraries prior to the ticket being purchased.

- Upon completion of the course, the PNCCTSM Program Administrator will provide the Site Coordinator with an invoice for actual travel expenses incurred.
- It is to the benefit of the sponsor to prepay as many travel expenses as possible (University overhead will only be charged on items paid by UMBC).

Copyright and Trademark

The materials for this course including the logo, manual, and all materials are the intellectual property of the University of Maryland, Baltimore County (UMBC) and any reproduction without the expressed written permission of UMBC is prohibited. PNCCTSM is trademarked and the program curriculum is copyrighted, including the course outline and schedule. PNCCTSM and the curriculum, outline, slides, and schedule may only be used upon proper payment of fees and authorization of the PNCCTSM Program Administrator. All course advertising, including brochures, flyers, and advertisements must be approved by the PNCCTSM Program Coordinator or PNCCTSM Program Administrator prior to distribution. Unauthorized use or copying of the curriculum, outline, schedule, logo or name is strictly prohibited.