

# GLOBAL PEDIATRIC Clinical Skills Week

October 29–November 2, 2018

Global health as a field is complex, ever-changing and involves a diverse set of skills that spans across disciplines, including: clinical knowledge & skills, communication & advocacy, systems-based knowledge, teaching skills, problem-solving, critical thinking, and cultural sensitivity.

Though many health professionals have strong clinical skills as applied in their home settings, they lack the clinical experience and knowledge to successfully apply those skills in a resource-limited setting.

This course aims to improve the knowledge and skills of healthcare professionals engaged or planning engagement in pediatric clinical work in low or middle income countries. High-yield clinical topics and skills will be taught using an interactive curriculum of didactics, technical skill sessions, workshops, simulation, and hands-on training.



**Register now: [bostonchildrens.org/skillsweek2018](http://bostonchildrens.org/skillsweek2018)**

Learners may select one or a combination of the following 3 courses:



Oct 29–30 | Mon & Tues

## Ultrasound Course

This interactive two-day course will provide the foundation for integration of ultrasound into clinical practice with a focus on use in resource limited settings. The course provides an overview of basic ultrasound physics, machine use, and a review of point-of-care ultrasound applications. Each lecture will be reinforced by practical hands-on skills sessions with adult & pediatric models, allowing learners to develop comfort with scanning basics and recognition of anatomy.

**Machine Basics & Image Acquisition • Focused Assessment with Sonography in Trauma (FAST) • Cardiac, Soft Tissue & Musculoskeletal • Abdomen & Vascular Access • Lung, Renal & Bladder**



Oct 31 | Wed

## Helping Babies Breathe™ Master Trainer Course

Helping Babies Breathe (HBB) is an evidence-based curriculum using the train-the-trainer model to teach neonatal resuscitation in resource limited areas. The "Golden Minute" is the key concept of HBB. It implies that by one minute of age, the newborn baby should start breathing on his or her own, or should be ventilated with a bag and a mask. The course methodology focuses on hands-on practice using a simulator mannequin.

**Preparation for Birth • Routine Care • The Golden Minute • Bag & Mask Ventilation • Adult Learning Principles • Implementation of HBB • Localization & Adaptation • Monitoring & Evaluation**



Nov 1–2 | Thurs & Fri

## Clinical Core Topics in Global Health

This two-day course is a combination of didactic and case-based teaching, and hands-on skills workshops. Our multidisciplinary faculty will present evidence-based guidelines for the management of common illnesses and tropical diseases affecting children in developing countries. A series of workshops will provide learners with the opportunity to gain practical skills training using case-based simulations & hands-on skills stations.

**Climate Change • Dengue • HIV • IMCI • Malaria • Malnutrition • Newborn Care • Parasites • Respiratory Infections • Tuberculosis • Trauma & Emergencies • Sedation • Lines, Tubes & Wounds • Medication Safety**

## Target Audience

Health care professionals engaged or planning engagement in pediatric clinical work in resource-limited settings

## Tuition Rates

	Early Bird Rate <i>before June 20</i>	Regular Rate <i>after June 20</i>
<b>Clinical Core Topics in Global Health</b>		
Physician, Nurse, Pharmacist, or Allied Health	\$ 500	\$ 600
Resident, Fellow, or Pre-Health Student	\$ 300	\$ 350
<b>Ultrasound Course</b>		
Physician, or Nurse	\$ 700	\$ 800
<b>Helping Babies Breathe™ Master Trainer Course</b>		
Physician, Nurse, Pharmacist, or Allied Health	\$ 150	\$ 200
Resident, Fellow, or Pre-Health Student	\$ 75	\$ 100

## Learning Objectives

Upon completion of this course, participants will be able to:

1. Recognize evidence-based, setting-specific knowledge in the epidemiology, diagnosis, and treatment of common illnesses and tropical diseases affecting children in developing countries
2. Describe practical suggestions for utilizing local resources for optimal clinical care
3. Demonstrate an initial organized approach to trauma
4. Demonstrate the placement of pigtail catheters and surgical thoracostomy tubes
5. Demonstrate techniques for procedural sedation in resource limited settings
6. Demonstrate techniques for mitigating the risk of procedural sedation
7. Describe the principles of pediatric vascular access and practice cannulation techniques
8. Review strategies to minimize skin injury and promote wound healing
9. Discuss indications, management & potential complications of pediatric chest tubes in low resource settings
10. Calculate IV drip rates without an infusion pump & prepare IV admixtures and serial dilutions safely
11. Identify at least three alternative options for oral and inhalation delivery
12. Understand both the clinical utility and limitations of the basic applications of point-of-care ultrasound for diseases and conditions common in resource-limited settings
13. Perform point-of-care ultrasound image acquisition and interpretation
14. Demonstrate resuscitation techniques for newborns struggling to breathe 1 minute after birth
15. Show newborn resuscitation skills to other providers

## Partners



**Boston Children's Hospital**  
Simulator Program

SIMPeds™ provides state of the art simulation technology and environments that enable these programs the highest degree of realism. SIMPeds innovates rehearsal opportunities by developing curricula, trainers and technology to improve pediatric outcomes. We develop debriefing methodologies and extend simulation to caregivers. Our simulation techniques are applied to facility design and harmonize quality of care within networks of hospitals. SIMPeds engineers create 3D printed patient models and develop novel trainers. For more information about SIMPeds, please visit their website: [www.simpeds.org](http://www.simpeds.org)

## Refund Policy

Registration by credit card can be made [online](#). Registration by check (draft on a United States bank): please make payable to Boston Children's Hospital and contact CME Department at [cmepartment@childrens.harvard.edu](mailto:cmepartment@childrens.harvard.edu) to discuss payment. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration, an email confirmation from the Boston Children's office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation and certificate. Fifty-percent (50%) refunds will be issued for all cancellations received prior to the start of the course. Refund requests must be received by postal mail, email or telephone. "No shows" are subject to the full course fee, and no refunds will be issued once the conference has started.

## Accreditation

Boston Children's Hospital is accredited by the American Nurses Credentialing Center (ANCC) and the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for the healthcare team.

**Physician:** Boston Children's Hospital designates this live activity for a maximum of 37 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. **Nurse:** Boston Children's Hospital designates this activity for 37 contact hours for nurses. Nurses should only claim credit commensurate with the extent of their participation in the activity.

## Disclosure Policy

Boston Children's Hospital adheres to all ACCME Essential Areas, Standards, and Policies. It is Boston Children's policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers, and others) disclose all relevant financial relationships with commercial entities so that Boston Children's may identify and resolve any conflicts of interests prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

**OPEN PEDIATRICS™**

OPENPediatrics™ is a free and open access website that provides interactive educational programs and up-to-date medical information to pediatric practitioners. It is an online community of clinicians sharing best practices from all resource settings around the world through innovative collaboration and digital learning technologies.