



ROHINGYA CAMP

# PEDSI Global Health Newsletter



December 2018

IN THIS ISSUE

## PEDSI Global Health Initiative

PEDSI Global Health initiative on School Health program in Bangladesh in November 2018 was very successful. We also conducted hands-on Neonatal and Basic life support programs for the medical providers at the Rohingya camps. Pediatric Advanced Life Support Course was offered to doctors at Dhaka Shishu Hospital and Chattogram Ma O Shishu Hospital. All programs were well attended and appreciated by physicians, medical professionals and attendees like school teachers, students and administrators.



### Rohingya Camp Medical Provider Training

**Basic Life Support (BLS) & Neonatal Resuscitation Program (NRP).** Doctors, Nurses, Midwives and other medical providers were given hands-on training with manikins and equipment for management of newborn after delivery. The training was conducted at Hope Field Hospital for Women in the Rohingya camp. There were doctors and nurses from Bangladesh, United Kingdom, Australia, France and Portugal.

After successful completion of the course the participants were given BLS Course Completion Card issued by the American Heart Association.



Rohingya Camp Provider Training

Page 1



School Health project

Page 2



PALS & BLS, APLS Training

Page 4



PEDSI Training Center Inauguration

Page 5

# School Health Project

An important goal of a school health service is to protect and improve the health of children who are in school. School health services are important for the following reasons:

- It is easy to address the health of school children because they are all together in one place.
- Children learn many new things at school, so trained teachers can teach correct and healthy habits easily
- Periodic preventive checkup of school children helps to detect defects early. For example, a child with an ear infection may develop deafness if not treated promptly. Deafness and defective vision hamper learning and later in life it may prevent them from getting a job and supporting themselves and their family
- Proper knowledge of health acquired at School will influence their home and the entire community



## SCHOOL HEALTH PROJECT

**“Healthy Children = Better Learners”**  
Implementation of School based health assessment and treatment for improvement of physical, emotional and general well being of all children in Bangladesh

## PROGRAM IMPLEMENTATION



- We have published the 1<sup>st</sup> edition of School Health Manual tailored to health needs in Bangladesh which will standardize the process of Health assessment by teachers in every school.
- We conducted hands-on training program to teachers, student and organization administrators from 7 rural schools in Dhaka, Chittagong & Cox's Bazar
- Each of the seven schools were provided free School monitoring guideline manual, quipment needed for monitoring such as weighing machine, BP machine, eye exam chart etc.

PEDSI Global Health program teaches School Health coordinators following:

- Assessment of Growth and Nutritional disorders of children
- Vision, Hearing and Dental screening
- Ensure up-to-date Immunization
- Attention to problems common to adolescents – include dangers of cigarette & drug use, depression screening, proper use of social media
- Supervision of sanitary conditions in schools including facilities for clean drinking water
- Medical supervision of children taking part in sports, playground & accident prevention
- Basic Cardiopulmonary Resuscitation (CPR) and First Aid training to senior students and teachers



PALS Course, Dhaka Shishu Hospital 2012



PEDSI AHA-PALS Training Center Opening 2014

PICTURES FROM PREVIOUS TRIPS



APLS Course, Apollo Hospital 2014



APLS Course, Philippines 2017



Equipment donation, Dhaka Shishu Hospital 2014



BLS - NRP Course, Hope Foundation Hospital, Cox Bazar 2018



APLS Course, Zimbabwe 2017

## OUR TRAINING PROGRAMS:

# Basic Life Support (BLS) & Pediatric Advanced Life Support (PALS) Pediatric Emergency Medicine Resource (APLS) Course PEDSI Global Health Conference and Workshop



We have established the 1<sup>st</sup> and only American Heart Association (AHA) International Training Center for BLS and PALS in Bangladesh to train Bangladeshi physicians and nurses essential life saving skills in children.

### Pediatric Advanced Life support(PALS)

Pediatric advanced life support (PALS) Course sponsored by American Heart Association is an instructor-led hands-on class form using simulated pediatric emergencies for systematic approach to pediatric assessment, treatment cardiac algorithms, and team dynamics for effective resuscitation management.. The goal of the PALS course is to improve the quality of care to seriously ill or injured children.

Since 2012 we have certified over 500 participants in PALS and BLS. After successful completion of the course the participants received a PALS course completion card issued by the American Heart Association.



AMERICAN ACADEMY OF PEDIATRICS

### Pediatric Emergency Medicine Resource (APLS) Course

APLS course sponsored by the American Academy of Pediatrics (AAP) is a valuable resource for pediatric physicians. Pediatric conditions are presented as case-based discussions. Topics include (based on participant s)

- Acute episodic medical illnesses such as meningitis, sepsis, dehydration, respiratory illness, trauma, burns, surgical and neonatal emergencies, pediatric radiology cases, renal failure, conscious sedation.
- Chronic disease problems such as diabetic ketoacidosis, status asthmaticus, status epilepticus, congenital heart disease, gastrointestinal and metabolic disorders.

After successful completion participants will receive an APLS Course Completion Card issued by the American Academy of Pediatrics



PEDSI Global Health Conference & Workshop

In Dec 2017 we inaugurated the PEDSI Training Center in Dhaka with lectures and workshop covering wide areas of topics by experts in the field of Internal Medicine, Family Medicine, General Pediatrics, Pediatric ICU, Pediatric Emergency, Pediatric Hospital Medicine and Postpartum & Newborn care. Small group interactive sessions included Newborn Resuscitation (NRP), care of Developmentally Disabled, Blood gas interpretation, Bedside teaching guidelines, Non-invasive Ventilation and Patient care Medical Home. Hands on skills with manikins involved Intubation, Bag Mask Ventilation, AED, Intraosseous Needle insertion & Mock Code. Participants were awarded a PEDSI Global Health certificate of completion.



# PEDSI Training Center Inauguration

In Dec 2017 we inaugurated the PEDSI Training Center in Dhaka. This is located in Mirpur DOHS with space for conducting training with state of the art Audio-visual equipment and breakout rooms for small group discussions for the workshops. We will conduct PEDSI Global Health Conference & Workshop as well as American Heart Association International Training Center for BLS & PALS in Bangladesh.

In November 2018, we held an inaugural dinner for all our donors, advisors and well wishers at the center. It was well attended and we presented PEDSI Global Health goals, activities to date, and future projects. There was a great deal of interest about our School Health project and our Training courses. We also received donations and commitment from the group to continue working with us to better implement our projects. Dinner was enjoyed by all!



## PEDSI Global Health



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MAKSUD CHOWDHURY, MD  
WASEEM HAFEEZ, MD  
SHAMIM BEGUM, MD  
YASMIN HAFEEZ, RN

87-42 168th Street  
Jamaica, NY 11432  
Email:

[pedsinternational@gmail.com](mailto:pedsinternational@gmail.com)

**PEDSI Global Health** is a non-profit organization formed in USA comprised of physicians, nurses and other volunteers who are committed to addressing global health inequities through advocacy, fundraising & social empowerment in USA, Bangladesh and in developing countries. ***PEDSI has offered all courses and material free of cost to the participants.***

Donors and Volunteers play a key role in PEDSI's model of sustainable care. All our volunteers have supported the missions by donating their own time and finances.

**Your donations are tax-exempt & Zakat eligible. 100% of your donation will go to support our programs to promote global health & medical training course in Bangladesh**

Here are just a few ways that funds donated to PEDSI Global Health will be used:

- Purchase textbooks & resources for educational programs (1 book @ \$50 each)
- Purchase of manikins and equipment for hands-on training courses
- School Health program: provides medical checkup; treatment of minor ailments, management & prevention of Nutritional disorders; Dental checkup; Hearing & Vision screening, Immunizations

**Make Checks payable to: PEDSI**

Mail checks to: 87-42 168th Street, Jamaica, NY 11432

Do you shop on Amazon? You can donate to PEDSI whenever you shop at AmazonSmile.

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For more information about PEDSI Global Health activities Please visit: <http://www.PEDSI.ORG>