

## **REPORT**

### **PFCCS Course held in Nepal on June 20 & 21, 2018** **Pictures from the course at the end of the report**

#### **Pediatric Fundamental Critical Care Support Course (PFCCS)**

PFCCS course is meant for those interested in learning and reinforcing their existing knowledge in the management of critically ill or injured children. This course was developed by the pediatric section of the Society of Critical Care Medicine (SCCM) and is licensed by SCCM. This two-day course includes a balance of didactic lectures and interactive (hands-on) skills stations to help health care providers recognize, stabilize, and care for pediatric patients who are acutely deteriorating.

#### **Objectives**

- Prioritize assessment needs for the critically ill or injured infant and child
- Select appropriate diagnostic tests
- Identify and respond to significant changes in the unstable pediatric patient
- Recognize and initiate management of acute life-threatening conditions
- Determine the need for expert consultation and/or patient transfer and prepare for optimal transfer

#### **PFCCS Course held in 2018**

#### **ANMF support**

We are grateful to ANMF for funding support of \$1460 to purchase the PFCCS license and books, and the transport of the books to Nepal.

**Special thanks to Dr Ajay Khilnani for taking the responsibility of initiating, directing, and arranging all logistics. Unfortunately he could not be physically present at the course due to personal reasons.**

#### **Venue**

The 2 full day PFCCS Course was conducted as a pre-congress workshop at the annual congress (NEPCON) of the Nepal Pediatric Society (NEPAS). The course was held at Patan Hospital, Patan Academy of Health Sciences (PAHS) – Lagankhel, Lalitpur, Nepal.

#### **Course Goals:**

- There is a paucity of formally trained critical care specialists in Nepal. Pediatricians work in pediatric critical care facilities with no formal or informal training.
- Provide a fun, 2-day, Pediatric Critical Care course that not only advances medical knowledge and skills, but also reinforces educational concepts through case-based learning and simulation.
- Continue this recurring course to physicians who care for many children but lack formalized curriculum/training in pediatric critical care.
- Create a self-sufficient educational model by training Nepalese instructors who can teach/direct subsequent courses; thereby making them independent of external (international) teachers.
- Reinforce a long-term educational/clinical partnership based in trust, compassion, and substantive education.
- Ultimately, provide better care to the Nepalese community by advancing local medical knowledge and clinical skills.

#### **Faculty**

- 2 Pediatric critical care physicians from 2 different universities in the United States
- 1 Pediatric Advanced practitioner from the United States
- 3 Local trained PFCCS instructors. These instructors were trained 2 years prior and had already instructed the course in the year 2017.

**Participants:**

- 24 Local Pediatricians from various hospitals in Nepal including Patan, Ilam, Bhaktapur, Biratnagar, Kathmandu, Dhulikhel, Syangja, Bhairawa.
  - These pediatricians do not have formal fellowship training but presently serve
    - as PICU/NICU physicians
    - Outpatient and inpatient pediatricians
    - Emergency Departments

**Outcome:**

- A minimum of 80% of all participants passing the course on the first attempt; confirming an effective teaching course.
- Improved collegiality amongst participating physician trainees and faculty members.
- 3 local physicians who successfully completed the training course and effectively served as course instructors, 1 local physician served as the course coordinator and course director.
- Feedback from each participant to ensure that future courses continue to serve this community's' needs well.
- The pediatricians not only learned about managing critically ill children but also understood child advocacy, team work, and communication.
- The major change they thought they could bring about was safe transport of the critically ill child, protocol development, and procedural sedation to decrease anxiety and pain in suffering children.

Image 1: Participants and Faculty



Image 2: Dr Sangita Basnet, an instructor, watches as the ventilator strategies are discussed



Image 3: Local Instructor Dr Puja Amatya discussing intubation drugs at the sedation skill station



Image 4: Dr Vinod Havalad, instructor from Chicago, facilitates the Megacode



Image 5: Referring and Accepting teams at the Transport skill stations

