PERIOPERATIVE MANAGEMENT OF CONGENITAL HEART DISEASE

Program Partners: Pediatric Cardiac Society of India, Pediatric Cardiac Intensive Care Society, USA, Children's HeartLink, Amrita Institute of Medical Sciences and Research Centre, National Health Mission, Kerala (Hridyam)

Dates: June 7 (Friday), 8 (Saturday) and June 9 (Sunday), 2019,

Preconference Workshops on Preoperative Stabilization & Transport and ECMO/ ECLS and Nursing Skills: June 7, 2019

Core Conference on June 8 and June 9.

Venue: Amrita Institute of Medical Sciences, Kochi, India, Amriteshwari Hall, Adjacent conference rooms

Highlights:

- Focus on Challenges Pediatric Heart Care in Low and Middle Income Countries
- Thoroughly interactive
- A number of Real Life Case Scenarios
- Outstanding international and regional faculty
Target Audience: Physician and Nursing Staff from Pediatric Heart Programs in India and Neighboring Countries (Pediatric Cardiac surgeons, Anesthesiologists, Intensivists, Cardiologists, Nurses)

Preconference Workshop: Referral Network of Pediatricians in Kerala (As a Part of the Hridyam Initiative; Nurses, perfusion technologist)

Confirmed Faculty

International

- **Lara Shekerdemian MD**, Section Head, Cardiac Intensive Care, Texas Children’s Hospital
- **Ravi Thiagarajan MD**, Chief, CICU, Children’s Hospital, Boston
- **Venkat Shankar, MD, MBA**, Medical Director, CICU, Associate Division Chief, Division of Cardiac Critical Care, Children’s Hospital of Philadelphia,
- **Micheal-Alice Moga, MD, MSc**, Department of Critical Care Medicine – Division of Cardiac Critical Care, The Hospital for Sick Children, Toronto,
- **Sandy Staveski RN PhD**, University of California, San Francisco
- **David S. Cooper, MD, MPH**, Medical Director, Cardiac Intensive Care Unit, Cincinnati Children's Hospital Medical Center
- **Justine Fortkiewicz RN**, Children’s National, Washington

Regional Faculty: Senior physician and nursing staff members from pediatric heart programs in India and the Asia Pacific Region

Host Faculty:

- Members of the AIMS Pediatric Cardiac Program; Physician and Nursing Staff
PROGRAM PLAN

PRECONFERENCE WORKSHOPS (Friday June 7)
1. ECMO/ECLS in pediatric cardiac perioperative care: Basic workshop focussing on basics with a view to promote efficient and appropriate use adapted to low resource settings to maximize potential benefits. Single day workshop limited to about 50 participants from established pediatric heart programs in the region.
2. Preoperative stabilization and transport of neonates and infants with congenital heart disease: Target audience will include neonatologists and pediatricians from Kerala and neighboring states.
3. A skill session workshop for nurses

MAIN CONFERENCE (June: 8-9)

I. SYMPOSIA
1. Ventilatory management after congenital heart surgery
2. Sepsis, infection control and antibiotic stewardship
3. Postoperative arrhythmias- approach to diagnosis and management
4. Nutrition enteral and parenteral
5. Prolonged stay in the pediatric cardiac ICU-Systematic approach
6. Perioperative cardiac pharmacology-a review of the evidence
7. Cost reduction strategies:
   a. Fast tracked pediatric cardiac care: who gets it, what is needed to implement?
   b. Blood product management after pediatric cardiac surgery

II. CRITICAL THINKING: ILLUSTRATIVE CASE SCENARIOS ON SITUATIONS IDENTIFIED BY NURSES

III. CHALLENGING CASE SCENARIOS (90 min)
- OR surprises
- Catheter intervention in the early postoperative period
- Airway challenges
- Unresolved lung issues
- Miscellaneous challenges

IV. Training staff for PCICU in LMICs to meet national needs
V. Off-Site Meetings:

FUNDING SUPPORT:
1. Children’s Heartlink
2. Industry partners

Contact Details: Conference Secretariat
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