

Project Description

Name	Training Course on Pediatric Critical Care for Developing Countries		
Organizer	Hunan Children's Hospital		
Time	May 21 to June 11, 2021	Language	English
Organizing method	Online training	Platform	ZOOM
Invited countries	Ethiopia, Kenya, Nigeria, Nepal, Zambia, Ghana, Bangladesh, Uganda, and Egypt, etc.	Number of Participants	25
Training objectives	Have an in-depth understanding of China's technology and experience in pediatric critical care, and improve the ability of clinical pediatric personnel in developing countries to diagnose and treat critical diseases, so as to reduce child mortality and bring benefits to children in developing countries.		
Requirements for trainee	Professional background	<ul style="list-style-type: none"> —Field or specialty: Pediatrics, emergency, nursing, etc. — Job position: General practitioners, pediatricians, emergency medical staff, ICU doctors and nurses, and emergency transfer health care personnel in developing countries — Level, academic degree or other relevant qualification requirements: Technician 	
	Age	No higher than the legal retirement age in the country	
	Physical Health	Ability to attend online training courses on time	
	Language Ability	Fluency in listening, speaking, reading, and writing in English	
	Others	Able to use the ZOOM platform to complete the project schedule	
Training Course Content	<p>1. Main training courses and content introduction</p> <p>(1) General overview of China: mainly introduces the current development of China's politics, economy, society, culture, and achievements in the 70 years since the founding of P.R. China and 40 years of reform and opening.</p> <p>(2) Early identification of pediatric emergency and multidisciplinary cooperation: mainly introduce the characteristics and identification methods of children's acute diseases, and the ways to carry out multidisciplinary cooperation in the emergency treatment of sick children.</p> <p>(3) ECMO: mainly introduce the management and clinical treatment of extracorporeal membrane oxygenation in children.</p> <p>(4) Advanced life support for children: mainly introduce cardiopulmonary resuscitation (CPR) skills and other advanced life support measures for children and infants.</p> <p>(5) Sepsis treatment Guidelines: mainly introduce the pathogenesis, diagnosis, monitoring and treatment of sepsis.</p> <p>(6)Respiratory tract management for critically ill children: mainly introduce the respiratory</p>		

tract management techniques for critically ill children, including sputum suction, respiratory function evaluation, and artificial airway management, etc.

(7) Prevention and control on and the care of Children's COVID-19: mainly introduce the nursing measures of prevention and control on children's COVID-19, and share the practical prevention and control experience.

2. Lecturer Introduction:

(1) Zhu Lihui: Vice president, director nurse and master's supervisor of Hunan Children's Hospital, leader of the "225" project, the high-level health talent in Hunan Province, mainly engaged in pediatric nursing and global health research.

(2) Zhu Yimin: Doctoral degree, director physician, deputy director of Health Commission of Hunan Province, member of Chinese Emergency Medical Association (national), and member of national pediatric emergency team. Research direction: pediatric critical disease emergency and care.

(3) Lu Xiulan: Vice president of Hunan Children's Hospital, director of Critical Care Medicine II, and director physician. Research direction: extracorporeal life support for children (blood purification beside the bed of critically ill children, and extracorporeal membrane oxygenation).

(4) Luo Haiyan: Master of medicine, director of General Emergency I, director physician in Hunan Children's Hospital, and the head of Cardiovascular first Aid training Center of American Heart Association in Hunan Children's Hospital.

(5) Zhang Xinping: Doctor of Pediatrics, director of Critical Care Medicine I, director physician, director of Emergency Research Office of Hunan Children's Hospital. Research direction: rescue of multiple organ failure in critically ill children, mechanical ventilation treatment and blood flow purification treatment.

(6) Liu Meihua: Head nurse of Critical Care Medicine I, assistant director nurse in Hunan Children's Hospital. Research direction: nursing of children with critical and intractable illnesses, including pediatric blood purification, and management of pediatric ventilator, etc.

(7) Qin Fanghua: Head nurse of Otolaryngology & Head and Neck Surgery of Hunan Children's Hospital, and team member of Hunan's Medical Team that supported Huanggang city's fight against COVID-19. Research direction: nursing management and nursing teaching of children with maxillofacial deformities.

2. During the training, discussion and learning exchanges related to the topic will be arranged.

3. Materials to be prepared by participants

In order to facilitate the exchange with Chinese experts, please prepare the communication materials related to the research topics in your country, such as: ① the current status and problems of critical care medicine; ② the basis and intention of health cooperation with China, etc.

Notes

1. This training uses the ZOOM platform for online training.

2. During the training, participants are invited to observe training sessions time, attendance

	<p>records will serve as the basis for issuing a certificate of completion of training.</p> <ol style="list-style-type: none"> 3. Preparation before training: Enter the ZOOM classroom 15 minutes in advance. Change personal title to First name/Last name-Country style, such as Isabelle Adjani-France. 4. Disciplinary requirements: Please strictly abide by the training course schedule. 5. Participants are required to prepare relevant materials for the seminar according to the schedule, and submit relevant electronic materials as required. 6. Courses are equipped with professional English translation.
<p>About the Organizer</p>	<p>Hunan Children’s Hospital is a comprehensive and specialized children’s hospital which integrates clinic, scientific research and teaching. It became the first batch of Third Grade Class A hospital in China upon comprehensive review in 1995 and passed two certifications of ISO9001 International Standard for Quality Management System and ISO14001 Environment Management System in 2004. The pediatric critical care of the hospital is a national key clinical specialty. Pediatric internal medicine, surgery, infection, rehabilitation and nursing belong to the new round of provincial key clinical specialties. The hospital is home to the Hunan Provincial Children’s Emergency Center, the Provincial Children’s Cerebral Palsy Treatment and Rehabilitation Center, the Provincial Adolescent Medicine Center, and the Provincial Prevention and Treatment Center of Amblyopia and Strabismus in Children’s Eyesight, and the Provincial Diagnosis and Treatment Center of Children’s Liver Disease.</p> <p>From 2013 to 2015, the international management standard of US JCI was fully implemented in the Hospital. Driven by internationalization and innovation, the Hospital has strengthened cooperation and exchange with an open and positive attitude, and established an independent Foreign Affairs Management Department. It is the Key International Pediatric Medical Center approved by Hunan Provincial Health Commission. As the only Foreign-aid Paediatric Medical Training Unit in China, the Hospital is the China-aid Medical Training Base in Hunan Province, and training base for Maternal & Child health for Belt and Road countries. Since 2006, 88 China-aid training projects have been carried out, with over 2,600 trainees from more than 100 countries and regions. The training includes over 10 topics such as paediatric severe disease, neonatal medicine, paediatric care technology, maternal and child health care, laboratory techniques, traditional Chinese medicine and hospital management. English, French, Portuguese, Russian and other languages are used for teaching.</p> <p>In 2016, the Hospital undertook two China-aid innovative projects of Maternal and Infant Health Project in Sierra Leone and Cambodia. The Projects aimed at offering paediatric appropriate technologies to 200 local medical workers, ward rounds and free consultation for over 200 local children. In 2017 and 2018, the Hospital sent medical experts to Zanzibar and Fiji to organize overseas training projects on hospital management, paediatric appropriate techniques and paediatric care. It has won praise from Ministry of Health of Zanzibar and Fiji and the local Chinese Embassies. The training project has turned out to be a success with good social benefits and international impact, which was given follow-up reports by Hunan Daily, Health Daily, China Daily and local media.</p> <p>Having undertaken the foreign-aid human resources development project for 14years, the</p>

	<p>Hospital has set up the paediatrics technology training team for developing countries covering foreign affairs management, foreign-related teaching and medical translation, formed by hospital experts, professors and backbones including 3 experts who are awarded with Special Allowance of the State’s Council, 20 experts taking positions in National Professional Committees, 30 experts taking positions in Provincial Professional Committees, and more than 100 teachers who have worked or studied abroad. To meet the needs of training topics, the hospital continuously expands the teaching team by inviting international experts and experts from the province’s health system, such as government health officials, medical and health policy experts, maternal and child health experts, disease prevention and control experts to participate in foreign aid teaching and exchange activities. The Hospital attaches great importance to cultivate international talents and created an international medical simultaneous interpretation team of more than 20 people, providing a good translation guarantee for medical foreign aid teaching. The Hospital regularly organizes special translation training and English activities to improve the professional level of translators.</p> <p>The hospital innovatively developed the “Foreign Aid Training Online Teaching” platform, with designed functions such as student management, live class, high-quality recorded course, questionnaire survey, and follow-up evaluation, laying a solid foundation for the first to change the traditional foreign aid training mode. Under the global pandemic, the Hospital actively carried out the “Global Anti-epidemic Experience Sharing Session” through the International Telemedicine Center, and successfully hosted the “Sixth Xiaoxiang Pediatrics International Forum” in an online and offline mode, having accumulated technical and organizational experience for online foreign aid training class.</p> <p>With the deepening of international cooperation among hospitals, the Hospitals actively responded to the “Belt and Road Initiative” and led the establishment of the “Child Health Cooperation Network of Developing Countries” aimed at improving management of medical services, enhancing exchange and cooperation in the field of medical specialty and technology, improving high-quality personnel training and scientific research cooperation in pediatrics related fields and enhancing the medical service ability and medical service management level of China and developing countries.</p>
<p>Contact of the Organizer</p>	<p>Contact person: Ding Xiang (Ms.) / Liu Shiying (Ms.) Office Phone: 0086-731-85356036 Cell phone: 0086-18774951426 (Ding) /0086-13787092423 (Liu) Fax: 0086-731-85356666 Email address: HNCH_gjhz@163.com</p>