**发展中国家儿科危重症救治技术培训班**

**项目简介表**

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| 项目名称  | 发展中国家儿科危重症救治技术培训班 |
| 承办单位 | 湖南省儿童医院 |
| 举办时间 | 2021年5月21日至6月11日 | 项目语言 | 英语 |
| 举办方式 | 线上 | 使用平台 | ZOOM平台 |
| 邀请国别 | 埃塞尔比亚、肯尼亚、尼日利亚、尼泊尔、赞比亚、加纳、孟加拉国、乌干达、埃及等 | 计划人数 | 25人 |
| 培训目标 | 使学员深入了解中国在“儿科危重症救治”领域的技术和经验，帮助提高发展中国家儿科医护人员临床危重症疾病诊治救护能力，从而降低儿童死亡率，惠及发展中国家儿童。 |
| 学员要求 | 专业背景 | ——领域或专业：儿科、急救医学、护理等相关专业——工作岗位：发展中国家全科医生、儿科医生、急诊医务人员、重症监护室医生、护士、急救转运医护人员等。——级别、学历学位或其他相关资质要求：技术人员 |
| 年龄 | 不高于受援国法定退休年龄 |
| 身体健康 | 能够按时参加线上培训课程 |
| 语言能力 | 英语听、说、读、写能力满足听课及研讨交流要求 |
| 其 它 | 能够使用ZOOM平台，完成项目日程 |
| 培训内容介绍 | 主要培训课程及内容介绍中国国情概况：介绍新中国成立70年以来，中国的政治、经济、社会、文化等发展现状及成就； 儿童急诊早期识别与多学科协作：介绍儿童急性疾病的特点及识别方法，如何开展多学科合作救治急救患儿；ECMO：介绍儿童体外膜肺氧合的管理及临床治疗方法。儿童高级生命支持：介绍儿童及婴儿心肺复苏（CPR）技巧及其他高级生命支持措施。脓毒症治疗指南：介绍脓毒症的发病机制、疾病诊断和监测与治疗方法。危重症患儿呼吸道管理：介绍危重症儿童呼吸道管理技术，包括吸痰技术、呼吸道功能评估、人工气道管理等 儿童新冠肺炎防控和护理:介绍儿童新冠肺炎防控的护理措施，并分享实际防控经验。主讲人整体情况介绍1. 朱丽辉：湖南省儿童医院副院长，主任护师，硕士研究生导师。湖南省高层次卫生人才“225”工程学科带头人。主要从事儿科护理和全球卫生研究。
2. 祝益民：湖南省卫生健康委员会副主任，中华急诊医学会（全国）委员，全国儿科急救学组成员，主任医师，博士。研究方向为儿科危重病急救和监护。
3. 卢秀兰：湖南省儿童医院副院长，重症医学二科主任，主任医师，研究方向：儿童体外生命支持（危重床旁血液净化、体外膜肺）。
4. 罗海燕：湖南省儿童医院急诊综合一科主任，主任医师，医学硕士，湖南省儿童医院美国心脏协会心血管急救培训中心负责人。
5. 张新萍：湖南省儿童医院危重病医学一科主任，主任医师、儿科学博士，急救研究室主任。研究方向：危重症患儿多器官功能衰竭的抢救，机械通气治疗以及血流净化治疗。
6. 刘美华：湖南省儿童医院危重病医学一科护士长，副主任护师。研究方向：小儿疑难危重症的护理，包括小儿血液净化、小儿上呼吸机的管理等。
7. 覃芳华：湖南省儿童医院耳鼻咽喉头颈外科护士长，湖南支援黄冈抗疫医疗队员。研究方向：儿童颌面畸形的护理管理、护理教学。

培训期间会安排与主题相关的研讨学习交流，与技能操作培训。学员需准备的材料为方便与中国专家的交流，请准备好贵国与培训主题相关的交流材料，如：①本国儿童危重症救治现状及存在的问题；②与中国的卫生合作基础和未来合作意向等。 |
| 备注 | 1. 本次培训使用ZOOM平台进行线上培训。
2. 教学期间，请学员遵守上课时间和教学纪律，出勤记录将作为颁发培训结业证书的依据。
3. 课前准备：需提前15分钟进入ZOOM教室准备上课。将个人姓名改为英文（姓名-国别名称）。
4. 纪律要求：在项目实施过程中，请严格遵守项目日程安排。
5. 学员需按照日程安排准备专题研讨相关材料，按照要求提交相关电子素材。
6. 课程配备线上英语同传/交传。
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| 承办单位简介 | 湖南省儿童医院是一所集临床、科研、教学于一体的综合型专科儿童医院，1995年成为国内首批三级甲等医院综合评审，2004年在国内率先通过ISO9001/14001国际质量环境体系双认证。医院儿科重症为国家临床重点专科，儿内科、外科、感染、康复和护理是新一轮省级临床重点专科，拥有湖南省儿童急救中心、省儿童脑瘫治疗康复中心、省青春期医学中心、省儿童眼视光弱视斜视防治中心和省儿童肝病诊疗中心五大医疗中心。2013年至2015年全面贯行美国JCI 国际管理标准。医院以国际化创新思路谋专科发展，以开放积极态度加强合作与交流，医院设立了独立的外事管理部门，是湖南省卫健委授予的“重点国际儿科医学中心”。作为全国唯一的儿科医疗援外培训单位，医院是湖南省卫健委授予的“湖南省医学援外培训基地”，国家首批“一带一路妇幼卫生培训示范基地”。自2006年以来，共承办援外培训项目88期，为100多个国家和地区培养了2600余名学员。培训主题涵盖儿科重症、新生儿医学、儿科护理技术、母婴保健、检验技术、中医技术、医院管理等十余个，涉及英语、法语、葡萄牙语、俄语等语言。2016年，医院承担了国家卫健委首批援外创新“妇幼健康工程”2个，分别开展了儿科适宜技术援助塞拉利昂和柬埔寨，培训200余名医务人员，开展查房义诊惠及当地儿童200余名，成效显著。2017和2018年我院派遣医疗专家赴桑给巴尔和斐济举办医院管理、儿科适宜技术和儿科护理海外培训项目，为当地医院管理者和医护技术人员提供了全面的培训，受到桑给巴尔、斐济卫生部和我国驻桑给巴尔和斐济大使馆的高度评价，培训项目取得了良好的社会效益和国际影响，《湖南日报》、《健康报》、《China Daily》及当地媒体都进行了连续跟踪报道。医院承办援外培训14年以来，组建了一支“三位一体”，集外事管理、涉外教学、医学翻译的“发展中国家儿科技术培训团队”。院内专家、教授、业务骨干为重要师资，其中享受国务院特殊津贴专家3人、在全国专业委员会任职的专家20人、在省内专业委员会任职的专家30人、拥有国外工作研修经历的教师100余人。根据培训主题需要，不断扩充师资力量，邀请全省卫生系统及国际专家精英，如政府卫生官员、医疗卫生政策专家、妇幼保健专家、疾病预防控制专家等，参与援外教学和交流活动。医院重视国际型人才培养，打造了一支20余人的“国际医学同传队伍”，为医学援外教学提供翻译保障，并定期组织翻译专题培训、英语活动等，全方位提升翻译团队实力。医院创新研发了“援外培训线上教学”平台，设计了学员管理、课程直播、精品课程录播、问卷调查、跟踪评价等功能，为率先改变传统援外培训模式奠定了坚实基础。在全球疫情侵袭下，医院通过国际远程医疗中心积极开展“全球抗疫经验分享会”，并以线上线下相结合的模式成功主办“第六届潇湘儿科国际论坛”，为线上援外培训班的举办积累了技术和组织经验。随着医院国际合作的深入推进，医院积极响应国家“一带一路”的倡议，牵头成立了“发展中国家儿童健康联盟”，旨在增进医疗服务管理、医学专业技术领域的交流与合作,促进儿科相关领域高素质人才培养与科研合作，不断提升中国及发展中国家的医疗服务能力和医疗服务管理水平。 |
| 承办单位联系方式 | 联系人：丁向（女士）/ 刘诗莹（女士）办公电话：0086-731-85356036手机：0086-18774951426（丁）/0086-13787092423（刘）传真：0086-731-85356666电子邮件地址：HNCH\_gjhz@163.com |

**Project Description**

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| 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 | —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 | Main training courses and content introduction(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.(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.(3) ECMO: mainly introduce the management and clinical treatment of extracorporeal membrane oxygenation in children.(4) Advanced life support for children: mainly introduce cardiopulmonary resuscitation (CPR) skills and other advanced life support measures for children and infants.(5) Sepsis treatment Guidelines: mainly introduce the pathogenesis, diagnosis, monitoring and treatment of sepsis.(6)Respiratory tract management for critically ill children: mainly introduce the respiratory 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.During the training, discussion and learning exchanges related to the topic will be arranged. Materials to be prepared by participantsIn 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 records will serve as the basis for issuing a certificate of completion of training.
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.
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| About the Organizer | 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.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.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. Having undertaken the foreign-aid human resources development project for 14years, the 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.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.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. |
| Contact of the Organizer | Contact person：Ding Xiang (Ms.) / Liu Shiying (Ms.)Office Phone：0086-731-85356036Cell phone：0086-18774951426（Ding）/0086-13787092423（Liu）Fax：0086-731-85356666Email address：HNCH\_gjhz@163.com |