



ADVANCED CERTIFICATE IN PEDIATRIC EMERGENCIES



About Us

Medvarsity Online is Asia's largest healthcare Ed-Tech company, with over 2 lakh medical professionals trained and certified. Our partnerships with leading universities globally enable us to present the best courses and faculty to our students and help them meet their learning goals. Medvarsity is on a mission to bridge the gap of skilled medical professionals with over 150 courses in clinical & management areas for doctors, nurses, and general management personnel, covering specialties like Diabetes, Emergency Medicine, Cardiology, Nutrition, Wellness, Healthcare Informatics, Mental Health & more, with all the content being up-to-date.

Medvarsity has presence across 10 locations in India and students across India, Middle East, Africa, and South-East Asia. Our blended training solutions combine the best of traditional e-learning, live virtual classes, clinical bedside learning, mobile learning models to deliver impactful courses to our students.

Course Overview

The advanced certificate in pediatric emergencies course will teach you how to approach pediatric patients with some common emergencies. This course will cover neurological, metabolic, musculoskeletal, trauma, enitourinary, hematologic, toxicological and environmental emergencies in pediatrics.

Apart from the learning materials, experts from emergency and pediatrics will share their experience and tips through webinars (Live virtual classes). All the learning materials and assessments will be online. On successful completion of this course, you will be awarded the Advanced Certificate in Pediatric Emergencies.



Course Objectives

By the end of the course, the student must be able to:

- Select appropriate antimicrobial therapy for pediatric patients with the correct dosage.
- Formulate, plan, and recommend evidence-based diagnostic and treatment plans for children.
- Determine strategies for addressing vaccine issues that arise in pediatric practice.
- Recognize and manage new and emerging pathogens.
- Plan the evaluation and treatment of diseases in immunocompromised hosts.

Apply the principles of quality improvement and patient safety to the evaluation and treatment of children with infectious diseases.

Course Outline

Neurological Emergencies

- Altered mental status
- Behavioral & Emotional Disturbance
- Seizure
- Headache
- Syncope
- Meningitis

Metabolic Emergencies

- Hypoglycemia
- Hyperglycemia
- Hyperthyroidism
- Electrolyte abnormalities
- Acid-base abnormalities

Genitourinary Emergencies

- Testicular Torsion
- Child Abuse

Musculoskeletal and Trauma

- Nursemaid's Elbow
- Head Injury
- Fractures
- Limp

Hematologic Emergencies

- Anemias
- Sickle Cell Disease
- Bleeding Disorders

Toxicology and Environmental Emergencies

- Approach to pediatric poisoning
- Near Drowning
- Burns
- Heat and Cold illnesses



Course Highlights

- Learn management of common pediatric emergencies
- Online learning and assessments
- Live virtual classes with emergency physicians and pediatricians
- Total 22 hours of learning content

Eligibility

- MBBS graduates, MBBS interns, Emergency practitioners, Pediatricians

Duration

- 3 months (validity 4 months)

Training and Learning Methodology

Online Learning

The online learning program will be for a duration of 22 hours. The online content shall be in the form of e-books, recorded videos covering the module content. A login username and password will be provided to access the content of the learning management system. You can access the course content on a computer or mobile phone at your convenience.

Live Virtual Classes (Webinars)

With the healthcare industry undergoing so many advancements, staying updated about the latest trends, technologies and guidelines have become vital. Additionally, having these updates through a healthy discussion with experienced clinicians will be the focus of our learning curriculum. Live virtual classes will provide an opportunity for the participants to listen to expert presentations and interact with them through webinars.

Assessment & Certification

- All the assessments are online and objective.
- The final examination will be conducted online at the completion of all the modules.
- A minimum of 60% is required in the module tests and the final test to be eligible for certification.
- On successful completion of the final exam, candidates will be awarded certificate by Medvarsity.