



medvarsity

ACCREDITATION PARTNERS:



MASTER CLASS IN PEDIATRICS WITH AMERICAN CLINICAL ROTATIONS

ABOUT MEDVARSITY

Asia's Largest Healthcare EdTech Company

Medvarsity is Asia`s largest healthcare ed-tech company offering online and blended learning programs exclusively for healthcare professionals. In the last five years, we have positively impacted the careers of over five lakh healthcare professionals across 190+ countries.

Today, we cater to the requirements of both healthcare professionals as well as non-clinicians ensuring industry demand and skilled workforce are in a perfect state of equilibrium.

Medvarsity's courses help healthcare professionals acquire the relevant skills to help them advance in their evolving scope of medical practice. Medvarsity has won several accolades for its contribution to healthcare education and healthcare technology. In 2022, Entrepreneur India and the Ministry of Electronic and Information Technology awarded us the Best Ed-tech Deployment for higher education. In 2021, Medvarsity won Asia's Greatest Brands in education and ed-tech, an award by Asia One magazine.



ALUMNI

5,00,000+ medical professionals trained and certified



COURSES

200+ courses in clinical, management and administration



PARTNERS

Global universities and industry leaders



PRESENCE

Students and partners from 190+ countries

Knowledge Changes Lives

MASTER CLASS IN PEDIATRICS WITH AMERICAN CLINICAL ROTATIONS

The Masterclass in Pediatrics course is a 12-month integrated course with a 4-week clinical rotation in the United States. It enables the students to study a broad range of basics, translational, and clinical science related to child health, including major strengths in infectious diseases, vaccines, developmental immunology and hematology, neurosciences, and gastroenterology.

This course helps in understanding evidence-based diagnostic and treatment plans for children by formulating appropriate testing and treatment strategies for children. It helps you understand how to calculate and administer accurate drug dosages. The course will also cover the aspects of child psychology and behavior management, which differ significantly from adults during treatment procedures.

Learning complex medical concepts in the traditional didactic textbook and lecture format can be alienating for students. It prevents the opportunity to apply this knowledge clinically. Masterclass in Pediatrics course is designed on Medvarsity's Learning Framework to address this gap in medical education.

The 4-week rotation in the US familiarizes and acculturates an International Medical Graduate to the practice of medicine in an American clinical setting, and provides international students an introduction to American Medicine as they will experience it in a hospital-based residency program.

This program benefits medical graduates/doctors applying to residency programs in the United States, providing excellent clinical experience and an overview of the US healthcare system. Accepted students are encouraged to explore their areas of interest in ongoing research and initiatives through recent publications or specific projects. Both the doctor and the student collaborate to pursue suitable research projects tailored especially to individual interests during the program.

At the end of each rotation, the supervising physician will provide you with feedback based on a standardized American Medical Association (AMA) clinical evaluation format. A complimentary review and critique of your resume and personal statement, including tips and suggestions for improvements, will be provided. Based on the performance your preceptor will write you a letter to support your goal of achieving a residency.

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PROGRAM DETAILS

HIGHLIGHTS

- 12-Months online fellowship course for MBBS graduates
- 4-Months contact program to get a clinical perspective of the theory
- Case-based approach that provides active learning opportunities
- Clinical training at flagship hospitals
- 2-day hands-on simulation on PALS certified by AHA

CERTIFICATION

- An online assessment test is conducted after each module
- After completing the course and passing the final assessment, you will be awarded a Masterclass in Pediatrics with American Clinical Rotations

ELIGIBILITY

General Physicians, Specialists, and Interns

COURSE OUTLINE

Module 1: Basic Pediatrics

- Essential Clinical Methods (History and Physical Examination)
Growth and Development.
- Nutrition
- Immunization
- Common Procedures in Pediatric Practice

Module 2: Care of New Born Neonatology

- Nomenclature
- Neonatal Resuscitation
- APGAR Score
- Breastfeeding
- Neonatal Jaundice
- Low Birth Weight (LBW) Infants
- Congenital Anomalies
- Conditions Causing Respiratory Distress

COURSE OUTLINE

Module 3: Pediatric Infections

- Viral Infections
- Bacterial Infections
- Parasitic Infections

Module 4: Pediatric Specialities

- Pediatric Cardiology
- Pediatric Pulmonology
- Pediatric Gastroenterology
- Pediatric Neurology
- Pediatric Nephrology
- Pediatric Endocrinology
- Pediatric Rheumatology
- Pediatric Hematology
- Pediatric Oncology
- Pediatric Dermatology

COURSE OUTLINE

Module 5: Other Specialities

- Pediatric Surgery
- Pediatric Ophthalmology
- Pediatric ENT
- Pediatric Orthopedics
- Pediatric Intensive Care and Emergencies

Module 6: Miscellaneous

- Genetics
- Developmental Disorders
- Adolescent Health
- Common Dental Problems
- Behavioral Problems
- Pediatric Therapeutics



📍 Medvarsity Education FZ-LLC
ED 26, 5th Floor, Al razi 64,
Dubai Healthcare city, Dubai

☎ 800 012 6006

✉ sales@medvarsity.ae www.medvarsity.ae