



In the Name of God

Islamic Republic of Iran
Ministry of Health and Medical Education
Deputy Ministry for Education

Pediatric Nephrology

Degree: Subspecialty

Program Description

This course is a subset of pediatrics involving screening, prevention, diagnosis and treatment of pediatrics renal diseases.

The course duration is 24 months with the aim of training competent, knowledgeable, liable subspecialists for service provision and continuous improvement in diagnostic, therapeutic, preventive, and educating and research fields of pediatric nephrology.

Admission Requirements

- M.B.B.S./M.D. and specialty or equivalent certificates
- Certificate of Internship or Certificate of Practice

Language Requirements:

- Language requirements: Evidence of English Proficiency on the TOEFL or IELTS tests. The minimum score for TOEFL PBT, TOEFL iBT and IELTS is 533, 72 and 5.5 respectively.
- Applicants from Persian (Farsi) Speaking countries (They shall both speak and write in Persian) who have applied for graduate Degree-based programs may be exempted, based on the decision of the department, from submitting any certificates regarding their English Language Proficiency. Nevertheless, they are required to hand in their English language certificate which meets SUMS' minimal language proficiency requirements, within one year from commencing their studies at SUMS.

Expected Competencies at the End of the Program

General Competencies*

Specific Competencies and Skills

At the end of the program learners will be competent in the following skills:

Peritoneal Dialysis
Renal Biopsy
Acute Dialysis
Catheterization for Dialysis
Surapubic Aspiration
Urethral Catheter Insertion and extraction
Inhibitory & Excitatory Tests
Water Withdrawal Tests
Estimation of Final Heights
Estimation of Bone Age

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

Methods :	Intervals
Log Book	Each 4
Oral	months
Exams	Annual MCQ
OSCE	Final Exam
Continuous Evaluation	

Ethical Considerations*

*Note: The related document(s) can be found at <http://hcmep.behdasht.gov.ir/>.

The overall structure of the course:

Ward/Unit/Educational Field	Contents	Duration
Peritoneal Dialysis, Nephrology Ward	Visits/Follow ups Participation in Ward Schedules Performance and Supervision on Dialysis and Complications Sonographic Guided Kidney Biopsy	18 months
Hemodialysis ward	Performance and Supervision on Hemodialysis and Complications	2 months
Nephrology Clinic	Out patients Visits	3days /week
Kidney Transplant Ward	Cooperation with Pediatrics Kidney Transplantation Team and Patients Visits	2 months
Pathology Unit	Introduction to Smear Staining and Reading	15 days
Radiology Ward	Urinary Tract Radiologic Graphies Reading ,Training in using sonography in Kidney Biopsy	15 days
Nuclear Medicine Unit	Readin of : DTPA-DMSA DRNC-MAG3	15 days
Optional Rotation	15 days

Important Notice:

The above features the curriculum of the Pediatric Nephrology Program designed and approved by the Iranian Ministry of Health and Medical Education. Given the fact that Shiraz University of Medical Sciences is constantly improving and updating itself to meet the international academic standards and the state of the art, and based on the availability of facilities, devices, ward, laboratories, etc. at SUMS, all the SUMS curricula are approximately 20% subject to change.