



In the Name of God

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

Pediatric Endocrinology and Metabolism

Degree: Subspecialty

Program Description

This is a subset of Pediatric Medicine which is about screening, prevention, diagnosis and treatment of congenital and acquired endocrine diseases like diseases of hypophysis, thyroid, parathyroid, adrenal, gonads, pancreas and hereditary metabolic diseases.

The Duration is 24 Months with the aim of Training competent, knowledgeable, liable subspecialists for service provision and continuous promotion in diagnostic, therapeutic, preventive, educating and research fields of pediatric endocrinology and metabolism.

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:

FNA
Anthropometric Examination
Insulin Injection
Urine and Blood Ketone Measurement
Insulin Pump Usage & CGMS
Glucometry

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

Methods :

Log Book
Dops
Portofolio
Oral Exams
OSCE
MCQ

Intervals

Each Trimester
Log Book Assessment
Annual MCQ
Final Exam

Ethical Considerations*

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

The overall structure of the course:

Wards/Units/Educational Fields	Contents	Duration
Pediatrics Endocrine and metabolism Wards	Daily Presence in the Ward 3 days a week presence in Clinic	20 months
Adult Endocrine and Metabolism Ward	Being Trained in FNA, Adult Patients Visits(Inpatients, Outpatients)	1month
Endocrine Lab	Introduction to Routine Lab Tests like ELISA-RIA,IRMA	15 days
Nuclear Medicine ward	Introduction to Endocrine Glands Radio-Isotope Scans	15 days
Genetics Lab	Introduction to Pedigree Recording, Molecular Methods. Karyotype and Buccal Smear	1month
Optional	Daily Presence in Ward, Participation in Educational Programs, Responding to Consults	1month

Important Notice:

The above features the curriculum of the Pediatric Endocrinology and Metabolism 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.