

In the Name of God

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

**Kidney Transplantation Surgery
Degree: Fellowship**

Program Description

In recent years, regarding increasing prevalence of diabetes and hypertension and the presence of congenital anomalies in Islamic Republic of Iran (IRI), renal replacement therapies such as peritoneal dialysis, hemodialysis and kidney transplant is required more than before.

According to National 20-year out-look document and Urologic surgery strategic planning, a method for national development is promotion of specialty, subspecialty and fellowship courses. Kidney transplant fellowship is one of the most needed training programs in IRI, and some universities of medical sciences have been training fellows for several years. In order to develop a single curriculum for this course, a Fellowship Curriculum Development Committee was established to develop kidney transplant fellowship in the specialized training council secretariat in 2009. Using credible international universities and experts' opinions, the committee formulated this curriculum and issued it to medical universities. The committee welcomes the experts' valuable comments for future revisions.

Definition and Duration of the Training Program:

Kidney transplant surgery fellowship is a subset of urology Surgery specialty ,and the graduates are trained to do case selection , preparation for kidney transplant, perform the transplant surgery, post operation care provision , and to provide the society with their knowledge and skills in terms of education, research and therapeutic-diagnostic services. Specialized services in the field will be provided by a multidisciplinary team.

The duration is one year.

Aims:

1- To train up-to-date, competent and liable physicians who will provide the society with their knowledge and skills to improve health level in terms of prevention, education, research and diagnostic-therapeutic services.

2- In next 10 years, it is expected to become one of the top countries in Region and to reach international standards in terms of education, research and service provision related to kidney transplant.

Admission Requirements

Expected Competencies at the End of the Program

General Competencies*

Specific Competencies and Skills

- Procedural skills (diagnostic-therapeutic measures)
 - Living donor nephrectomy
 - The cadaveric Nephrectomy
 - Kidney transplant and its complications

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)

a. Assessment methods

- The course uses the following assessment methods:
- DOPS (Direct Observed Procedural Skills)
 - Log look assessment
 - The 360° test
 - Publishing an article in a credible Iranian or foreign journal

b. Periods of assessment

- Continuous assessment of logbook every three months

Ethical Considerations*

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

The overall structure of the course:

Department, unit or setting	Contents- measures	Duration (month)
Renal transplant ward (recipient) Inpatient (donor) Operating room Clinic	Examination, selection and preparation of donors and recipients for surgery- giving required consultations and coordinating the transplant team- performing transplant surgery- educational and working visits of patients and outpatient and inpatient donors- post-discharge care of patients - participation in responding to medical consultations- participation in educational, research and therapeutic- diagnostic programs according to the program of the department	9 months
Optional (based on Ward Schedule will pass one or more of the following wards Nephrology, Vascular Surgery, Pathology, Immunology, Radiology, Nuclear Medicine)	According to the selected ward	3 months

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