

**In the Name of God**

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

**Dermatology**  
**Degree: Specialty**

**Program Description (Introduction):**

Due to significant progress of knowledge and technology in recent years, dermatology has undergone considerable development. Using laser technology in the diagnosis and treatment of skin diseases; changes in disease distribution patterns such as metabolic diseases, infectious diseases, and emerging diseases with various cutaneous pictures and substantial developments in immunology that have a close relationship to dermal diseases, emergence of new methods of diagnosis and treatment, and new pharmaceutical products all made the revision of dermatology curriculum necessary.

Therefore, the Review Committee of the Dermatology Curriculum reviewed curriculum during several meetings by consulting and cooperating with other members, and this program, after passing legal procedures, was given to Medical universities.

**Course Definition and Duration:**

Dermatology is a clinical specialty that addresses health, prevention, diagnosis, medical treatment, and minor surgeries of the skin related to benign and malignant diseases, relevant mucous membranes, hair and nails, and dermal presentations of systemic and sexually transmitted diseases at all ages.

**Program duration:** 4 years

**Admission Requirements**

- Holding an MD degree
- Having passed the National Entrance Exam

**Expected Competencies at the End of the Program**

**General Competencies\***

**Specific Competencies and Skills**

Procedure	Observation	Assisted conduct	Independent conduct	Total times practiced
Biopsy of skin and nails	10	*	30	40
Minor surgery	50	50	100	200
Laser therapy	10	20	70	100
Phototherapy management	10	10	180	200
Photodynamic therapy for skin lesions	5	5	10	20
Cryosurgery	10	10	80	100
Cutaneousintralesion injection	10	10	80	100
Sterilization process management	5	*	10	15
Local anesthesia	10	10	80	100
Curettage and cauterization	10	10	80	100

Body hair transplantation	10	10	5	25
Patch test	10	10	20	40
Electrolysis	5	5	10	20
Nail surgery	5	5	5	15
Subcision	5	*	5	10
Chemical peeling	3	2	15	20
Botulinum toxin injections	5	5	15	25
fillers injection	5	5	5	15
Derm abrasion	2	5	5	12
Sal abrasion	2	5	5	12
Cutaneous grafts less than 1 cm	20	10	5	35
Dermoscopy	10	10	10	30
Tzanck test	5	*	5	10
Pathergy test	2	*	3	5
Mesotherapy	5	*	*	5
Mohs surgery	5	*	*	5
Fat transfer	5	*	*	5
Sclerotherapy	10	*	*	10
Liposuction for lipofilling	5	*	*	5

### **Educational Strategies, Methods and Techniques\***

#### **Student Assessment (Methods and Types)**

##### **A. Assessment Methods:**

- Written MCQ
- Interactive computerized test
- OSCE
- DOPS
- Mini CEX
- Logbook assessment
- Paper Publication

##### **B. Periods of Assessment:**

- Periodical tests
- Annually
- The final test

#### **Ethical Considerations\***

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

**The overall structure of the program:**

<b>Department, unit or area of education</b>	<b>Contents and Measures</b>	<b>Duration (months)</b>
<b>Clinic</b>	Visiting outpatients, selecting patients, making medical records, and hospitalizing patients, following up with patients who require specialized consultations from other specialized disciplines, educating lower-level students, responding to requested specialized consultations, and performing other measures according to the curriculum	5 days a week during the course
<b>Hospitalization (inpatient) department</b>	Visiting hospitalized patients, managing hospitalized patients in the ward, performing diagnostic therapeutic procedures at the bedside, educating lower-level students, and performing other measures according to the curriculum	One month a year in a fixed period and during the course (in total, the residency is 4 months during the course according to the department's curriculum)
<b>Procedure room</b>	Participating in procedures in the form of observing, assisting, or performing independently, according to the department's curriculum	during the course according to the department's Program
<b>Internal ward (1)</b>	Familiarity with skin presentations in rheumatology patients, familiarity with diagnostic therapeutic procedures for rheumatology patients	1 month
<b>Department of Pathology</b>	Becoming familiar with and participating in slide preparation and dermatopathologic diagnoses, slide-reading practice	4 months
<b>Department of Plastic Surgery, Reconstructive, and Burns</b>	Being familiar with and participating in skills related to plastic and reconstructive surgery in the curriculum, such as skin cancers and related surgeries, fat transfer, liposuction, and various permissible flaps and grafts	2 months
<b>Department of Microbiology</b>	Being familiar with and using methods of identifying skin parasites and fungi	2 weeks
<b>Laser and phototherapy unit</b>	Laser therapy with different types of devices and using devices for diagnosis and treatment of skin diseases	1 month
<b>Elective department (2)</b>	Residents will perform in an elective department in accordance with the curriculum	1 month

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