

## **In the Name of God**

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

## **Pediatric Dermatology** **Degree: Fellowship**

### **Introduction**

Children's skin diseases include diverse and specific skin diseases such as eczema, allergic disorders, bacterial, fungal, parasitic and viral skin infections, congenital diseases, cutaneous manifestations of internal diseases including metabolic, rheumatologic, genetic syndromes and immunodeficiency disorders, etc. The difference in the nature of the manifestations, the different characteristics of the treatments and the specific needs of this population group has motivated a group of dermatologists in the past few decades to focus on diagnosis, treatment, education and research on skin disorders in children such that currently this field is being taught as a subspecialty or fellowship course in many valid scientific countries.

In our country, due to its young population and grand strategy of an increase in the population growth, the need for this field has been felt more than before. Accordingly, in 2015, the national program for development of children's dermatology fellowship was put on the agenda of the committee that was formed for this purpose. This program was completed in due time, approved and later handed in to the related universities for implementation. This committee welcomes the valuable opinions of the experts in this field to revise its programs. We hope that this program can promote education, research, diagnostic and therapeutic services for children's skin disorders.

### **Definition and Duration of Training Program:**

The pediatric dermatology fellowship is a clinical course whose graduates are involved in the prevention, treatment and cure of children's skin diseases who provide the society with their knowledge and skills in education, research and healthcare. The duration of this fellowship is 18 months.

### **Aims:**

1-To train specialists who are up-to-date, competent, responsible, and sensitive to the health of individuals and society in the specialized field of pediatric dermatology so that they can provide the society with their expertise in the areas of prevention, diagnosis, education, and research.

2-In next ten years' time, we can reach global standards in the field of quantitative and qualitative training of specialized workforce and will be among top countries of the region in terms of research and knowledge production.

### **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 Procedural Skills

(Diagnostic-Therapeutic Measures):

Skin biopsy

KOH Smear (in the laboratory)  
Tzank Smear  
Mineral oil examination in parasitic diseases  
Direct examination of hair  
Skin lesion curettage  
Cauterization of skin lesions  
Cryotherapy of skin lesions  
Patch test in dermatitis  
Excision of skin lesions smaller than 5 mm in the face and those smaller than 1 cm in other parts of the body  
Laser therapy using different techniques  
Phototherapy using PUVA and NBUVB  
Photography with a digital camera  
Leishmaniasis smear  
Dermoscopy

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

#### **Student Assessment**

##### **A: Assessment methods:**

Written  
Oral  
Logbook assessment  
Paper assessment  
Computerized interactive quizzes  
OSCE  
other standard methods

##### **B: Number of assessments:**

Continuous  
Periodic (every 6 months, 2 times during the course)

### **Ethical Considerations\***

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

**Overall structure of the course:**

Ward, unit or education setting	Syllabus- Measures	Duration (month)
Clinic	Outpatient visits - selecting, filing and admission- following up patients' specialized counseling - training the lower ranks - responding to requested specialized counseling and other measures as scheduled by the ward	12 months at least 3 days a week
Inpatient	Inpatient visits - caring of patients – stabilizing admitted patients to the wards - performing diagnostic therapeutic procedures - training the lower ranks and other measures as scheduled by the ward	12 months
Procedure room (Biopsy, cryotherapy, cauterization, laser)	Participation in procedures- observing, assisting or performing independently– as scheduled by the ward	12 months at least 1 day a week
Neonatal rotation ward		2 months
Pediatric allergy and immunology rotation ward		
Pediatric endocrinology rotation ward		3 months
Pediatric hematology rotation ward		
Pediatric rheumatology rotation ward		
Pediatric infectious diseases rotation ward		
Skin pathology rotation ward		1 month
Genetics ward		
General dermatology ward		Throughout the course

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