

Leading Articles

Dermatology Training Program Approved By Medical Manpower Development Center

Abdalla I. El-Sherif, MD.

Abstract

The Manpower Development Center has approved a Dermatology Training Program as part of Continuing Professional Development for those practicing dermatology and those who wish to specialize in dermatology and aesthetic medicine. The training program offers knowledge and training. Doctors who have successfully completed the Dermatology Training Course and pass the final exams receive a Diploma Degree in Clinical Dermatology, laser and aesthetics. Working as a specialist in both outpatient dermatology clinics and hospital skin departments is an opportunity.

Introduction

The Medical Manpower Development Center in the Ministry of Health has given approval to an advanced training program for those who practicing dermatology and medical graduates who wish to specialize in dermatology. The program's goal is intended for graduates in Medicine who desire to acquire advanced knowledge and skills in the field of dermatology, laser and aesthetics. The course aims to provide the candidates with recent advances in dermatology for better understanding of etiopathogenesis of skin diseases, diagnosis and treatment, and hoping to develop capable dermatologists who can make decisions, solve problems, and act as specialists to improve the quality of dermatological care. Those who have successfully completed the Dermatology Training Course and pass the final exams (written, clinical, histopathology, and viva) will receive a Diploma Degree in Clinical Dermatology, laser and aesthetics, and have the opportunity to work as specialists in both outpatient dermatology clinics and hospital skin departments.

Requirements for Enrolment:

The candidate must be qualified in Medicine and has an official agreement from his/her place of work for joining the dermatology training program .

Duration of the course:

The course is spread over a one year of full time study consisting of the following:

- Didactic lectures, seminars and tutorials on a wide range of clinical topics;
- Practical work covering major technics in dermatology.
- Clinical teaching at outpatient dermatology clinics.

The course gives priority to clinical dermatology, but also emphasizes the scientific content of this specialty. It therefore gives importance to the following topics:

- **Structure and functions of the skin.**
- **An approach to the dermatological patient (history taking, morphology of skin lesions, differential diagnosis).**
- **Hair cycle.**
- **Keratinization.**
- **Sweat glands.**
- **Biology of sebaceous glands.**
- **Percutaneous absorption.**
- **Melanogenesis.**
- **The skin as an immune organ.**
- **Types of immune responses.**
- **Types of hypersensitivity reactions.**
- **Photoimmunology.**
- **Drug interactions.**
- **Corticosteroids.**
- **Antihistamines.**
- **Anti-leprosy drugs: (Dapsone, Rifampicin, Clofazimine).**
- **Antimalarial.**
- **Lousicidal and Scabicial agents.**
- **Immunosuppressive drugs (Methotrexate, Cyclosporine).**
- **Topical Calcineurin inhibitors.**
- **Psoralens.**
- **Tetracyclines.**
- **Antifungal agents (Griseofulvin, Itraconazole and Fluconazole).**
- **Systemic vitamin A (Isotretinoin, etretinate, Acitretin).**
- **Topical vitamin A (Tretinoin, Isotretinoin, Adapalene and Tazarotene).**
- **Antiviral drugs (Acyclovir, Valcyclovir).**
- **Topical antifungal agents.**

- **Topical anti-acne agents.**
- **Topical keratolytics.**
- **Biological Therapy.**
- **JAK inhibitors.**
- **Dermatologic medications in pregnancy.**
- **Bacterial infections (Streptococci, Staphylococci, Coryneform bacteria, Gram-negative bacteria).**
- **Dermatophytes, candida and Malassezia family.**
- **Viral infections.**
- **Wound healing.**
- **Chemicals and drugs inducing photosensitivity.**
- **Cutaneous effects of ultraviolet light.**
- **Physical procedures (electrocautery, cryotherapy).**
- **Scraping and KOH examination.**
- **Wood's lamp examination.**
- **Slit skin smear preparation.**
- **Skin biopsy.**
- **Photo-therapy.**
- **Lasers in dermatology.**
- **Cosmetic dermatology.**
- **Dermatohistopathology.**
- **STI/STDs.**
- **Leprosy.**

Examinations:

Diploma in clinical dermatology, laser and aesthetics is awarded to candidates who have passed the formal examinations "written, histopathology, clinical and viva examinations".

Course Fees:

Course fees are determined by the Ministry of health.