UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Dermatology

2223-3-H4102D057-H4102D195M

Aims

The aim of the course is for the student to acquire skills in the main dermatological pathologies with a focus on epidemiological, pathophysiological, histopathological aspects, clinical manifestations, differential diagnosis and therapy.
In particular, the main inflammatory, neoplastic and infectious skin diseases will be considered. The following subjects will be discussed: dermatological semeiology; diagnosis and therapy of most common skin infections (bacterial, parasitarial, viral, fungal); erythemato-scaling diseases (psoriasis, eczema); acne, rosacea and seborrheic dermatitis; lichen planus, bullous diseases and connective tissue diseases; urticaria and adverse skin reactions to drugs; skin tumors; sexually transmitted infections, skin manifestation of systemic diseases.

Contents

To perform a dermatological examination; to understand the epidemiology and pathogenesis, clinical manifestations, diagnosis, differential diagnosis, therapy and psycho-social implications of the main skin diseases.

Detailed program

MEDICAL, SURGICAL AND PRIMARY CARE DERMATOLOGY
Perform a proper dermatological examination
Dermatological semiotics, primary and secondary skin lesions
Principles of anatomy, physiology and histology of the skin
Basics of surgical dermatology

Recognise and diagnose infectious skin diseases:

- Bacterial (folliculitis, furuncle, carbuncle, impetigo, erysipelas, ecthyma, ...)
- Viral (herpes simplex, herpes zoster, molluscum contagiosum, HPV infections)
- Mycotic (dermatophytosis, pityriasis versicolor, candidiasis)
- Parasitic (pediculosis, scabies)

Recognise and diagnose allergic or iatrogenic skin diseases:

- Atopic dermatitis (eczema)
- Allergic contact dermatitis
- Dyshidrosic eczema
- Urticaria/angioedema
- Drug reactions (erythema multiforme, Stevens-Johnson syndrome, Lyell's syndrome)

Recognise and diagnose the inflammatory skin diseases:

- Psoriasis
- Lichen ruber planus
- Acne vulgaris, rosacea
- Seborrhoeic dermatitis

Know and suspect the main autoimmune bullous diseases of the skin:

- Pemphigus
- Pemphigoid
- Dermatitis herpetiformis
- Linear IgA bullous dermatitis

Know and suspect the cutaneous manifestations of collagenopathies:

- Lupus erythematosus
- Scleroderma
- Dermatomyositis

Know and suspect precancerous lesions and major skin tumours:

- Actinic keratosis, leukoplakia, leucokeratosis, erythroplasia
- Basal and squamous cell carcinoma
- Keratoacanthoma
- Melanocytic nevi and melanoma
- Kaposi's sarcoma

- Cutaneous lymphomas

REPRODUCTIVE AND MATERNAL-FETAL MEDICINE
Knowing and suspecting the main sexually transmitted diseases:

- Syphilis
- Gonorrhoea
- HIV infection
- Non-specific urethritis
- Condylomata acuminata and HPV infections
- HSV infections

Prerequisites

Knowledge related to the prerequisite courses specified in the degree course regulations

Teaching form

Lectures, internship

Textbook and teaching resource

- Wolf / Johnson / Saavedra / Roh. Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology. McGraw-Hill, VIII ed, 2017.
- Cainelli / Giannetti / Rebora. Manuale di Dermatologia Medica e Chirurgica, McGraw-Hill, VI ed, 2016 (Italian language).

Semester

Third year, second semester

Assessment method

Final oral examination in which the knowledge acquired on the topics in the syllabus will be tested (no in-progress tests). The oral examination may be preceded by a multiple choice questions quiz.
Attendance and participation in lessons and internship activities.

Office hours

By appointment to be arranged with the professor by e-mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY