



Dermatology COURSE SPECIFICATION
MSc Dermatology, Andrology & STDs

Faculty of Medicine- Mansoura University (A)

Administrative information

(1) Programme offering the course:	MSc Dermatology, Andrology & STDs
(2) Department offering the programme:	Dermatology, Andrology & STDs
(3) Department responsible for teaching the course:	Dermatology, Andrology & STDs
(4) Part of the programme:	Second semester
(5) Date of approval by the Department's council	9/4/2023
(6) Date of last approval of programme specification by Faculty council	18/4/2023
(7) Course title:	Dermatology part I
(8) Course code:	DERM 515 DMI
(9) Number of credit hours	3
(10) Total teaching hours:	45

B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

- 1- Provides the MSc student with detailed knowledge about most of skin diseases probably seen by a skin specialist.
- 2- Provides MSc students with detailed dermatology clinical skills
- 3- Trains the MSc candidate how to differentiate between similar skin diseases after making an appropriate differential diagnosis.

4- Trains the M S candidate how to perform certain diagnostic and therapeutic procedures for cases of skin diseases like skin biopsy, wood's light examination, dermoscopy cases.

5- Trains the M S candidate how to plan a standard diagnostic algorithm for skin diseases

6- Trains the M S candidate how to propose treatment strategies for most cases of skin diseases

7- Trains the M S candidate how to acquire an ethical attitude in general and towards patients, relatives, seniors, tutors and colleagues.

8- Trains the M S candidate how to Perform certain treatment procedures for the skin like light therapy, dermabrasion, cry and electro cautery, excision of some skin lesions chemical peel, and laser therapy.

9- Trains the M S candidate how to carry out scientific research and community service

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

A1- Recognize the etiology, pathogenesis, clinical features, investigations, differential diagnosis, complications and treatment of different skin diseases.

A2- Outline the relations between the systemic diseases & the skin

A 3- Explain the different diagnostic tests to be used in identification of most skin diseases.

A4- Discuss the lines of treatment of skin diseases including topical and systemic therapy, phototherapy, and basics of dermatological surgery & Laser therapy.

B - Intellectual skills

M S c Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities:

B-1- Assimilate scientific data and bring it into his clinical dermatology practice

B 2- Interpret clinical data on approaching cases.

B 3- Summarize the appropriate tests to diagnose a dermatology case

B 4- Analyze data obtained from history, clinical examination and laboratory reports to approach cases.

B 5- Prioritize the different patient's problems and Set up an appropriate algorithm for proper problems management.

B 6- Propose good and interesting points for clinical studies in the field.

B 7- Plan a safe treatment strategy after discussion with the patient or a relative.

B 8- Compare between different skin diseases categorized together e.g. immunobullous diseases according to levels of cleavage.

C - Professional/practical skills:

C1- Construct and record a detailed and structured dermatology history sheet.

C 2- Utilize most of the information obtained from history, clinical examination, and laboratory investigations.

C 3- Conduct a standard skin, hair, and nail examination.

C 4- Practice some therapeutic modalities for skin problems, like intralesional injections electro, cryotherapy, UV therapy, dermabrasion and LASER treatments, chemical peeling, fillers and Botox injections

C 5- Advocate for quality and optimal patient care.

C 6- Apply data from literature into the specialty.

D -Communication & Transferable skills:

D 1- Work effectively within the team of colleagues and tutors.

D 2- Manages time, services and resources effectively.

D 3- Sets priorities, skills and needs for lifelong learning.

D 4- Deal professionally with scientific organizations, journals, and associations.

D 5- Explain to the patients and/or relatives the nature of the disease.

D 6- Presents information clearly in different, written, oral or electronic forms.

D 7- Interact effectively with dermatology patients, their families and the public respecting their socioeconomic and cultural backgrounds.

D 8- Value the patient's concerns and worries.

D 9- Respect patients' privacy and autonomy.

D 10- Interact effectively with team work, other physicians & other health care providers.

(3) C course content
3 credit hours

Dermatology module No. 1

Lecture	Teaching hours
1. Anatomy and functions of skin	4
2. Diagnosis of skin diseases	
3. Histopathology of the skin	
4. Innate& Acquired immunity	
5. Genetic dermatoses1/3	4
6. Genetic Blistering diseases	
7. Gentetic dermatoses2/3	
8. Gentetic dermatoses3/3	
9. Cytokines	4
10. Neutrophils is cutaneous diseases	
11. Atopic dermatitis (1/2)	
12. Atopic dermatitis (2/2)	
13. Eczematous disorders	4
14. Contact dermatitis	
15. Immuno-Bullous Blistering diseases	
Lecture	Teaching hours
16. Naevi& developmental defect	
17. Disorders of keratinization (Ichthyosis) 1/2	4
18. Disorders of keratinization (Ichthyosis) 2/2	
19. Palmo-planter keratoderma	
20. Prenatal diagnosis of genetic skin diseases	
21. Flushing & flushing syndromes	4
22. Photo sensitive dermatoses	
23. Occupational dermatoses	
24. Mechanical & thermal injury	
25. Reactions to cold	4
26. Erythroderma	
27. Prurigo	

28. Pruritus	
29. Cutaneous photobiology	4
30. Radio-dermatitis (Acute & chronic effects of UVR)	
31. Eosinophils in cutaneous diseases	
32. Sweet syndrome & pyoderma gangrenosum	
33. Subcorneal pustular dermatoses	4
34. Allergic reactions	
35. Psoriasis	
36. Psoriasis therapy	
37. Pustular eruptions of palms & soles	4
38. Seborrheic dermatitis	
39. Mastocytosis 1/2	
40. Mastocytosis 2/2	
41. Neonatal disorders 1/2	5
42. Neonatal disorders 2/2	
43. Drug Reactions	
44. Folliculitis	
45. Rosacea	
Total	45

(5) Teaching methods:

- 5.1: Lectures
- 5.2: Workshops
- 5.3: Grand meetings
- 5.4: Case presentations
- 5.5: specialty conferences
- 5.6: Hands-on training

(6) Assessment methods:

6.1 MCQ & EMQ exam for assessment of intellectual and knowledge ILOs

6.2 MEQs : Short essay questions for assessment of ILOs number A1,A2.

6.3: Log book for activities for assessment of: mainly for assessment practical & transferrable skills, attendance of different conferences, thesis discussions, seminars, workshops, Attendance of scientific lectures.

6.4: seminars: the candidate should prepare and present at least one seminar in a topic related to the course and determined by the supervisors in front of the department staff .

Assessment Schedule (100 marks)

Assessment 1: MCQ & short questions examination by the end of 1 st semester for assessment of knowledge and intellectual skills (80%)

Assessment 2: Logbook required activities to go through end semester examination.

Assessment 3: the candidate should prepare and present at least one seminar in a topic related to the course and determined by the supervisors in front of the department staff (20%).

References of the course:

7.1: Hand books: Department staff handouts

7.2: Text books: Andrew's Disease of the skin, 2006, Habif clinical dermatology, Rook's text book of Dermatology, Blackwell U S A, 2010, electronic text book of dermatology

7.3: Journals: Journal of the American Academy of Dermatology, Archives of Dermatology International J of Dermatology, Journal of cosmetic dermatology,

7.1: Websites: WWW.eblue.org , archderm.ama.org , www.wiley.com, www.telemedicine.org ,

7.1: Others: NARS , Dermatology course of Cairo University

(6) Facilities and resources mandatory for course completion:

1-Fully Equipped Lecture halls

2-Daily Outpatient clinics

3-Inpatient department

4-Department library

5-Faculty library

6-Skill labs

8-Equipped Clinical dermatology units like mycology unit, Dermatopathology unit, Cosmetic dermatology unit, Laser unit, and UV light units 9-Dermatology laboratory

Course coordinator:

Samir Elhanbly, MD

Head of the department:

Prof. Ashraf Hassan, MD