



Quality Assurance Unit



TantaUniversity  
Faculty of Medicine

**Department of Dermatology, Venereology**

**Course Specifications**

**Dermatology, Venereology fifth year**

**2018 - 2019**

Dermatology, Venereology, fifth year Course specifications

University: Tanta

Faculty: Medicine

Department: Dermatology, Venereology

### **1- Administrative Information**

- **Course title: Dermatology& Venereology**
- **Code: TMED. 05: 01**
- **Department offering the course: Dermatology& Venereology**
- **Program (s) on which this course is given: M.B.B.Ch**
- **Departments offering the program: all the faculty departments including Dermatology& Venereology department.**
- **Academic year/ Level : Fifth year of M.B.B.Ch**
- **Semester in which the course is given: all over the year**
- **Date of approval by departmental/faculty council:**  
**The Board of Department of Dermatology& Venereology on: 8/7/2013**  
**The Internal Quality Assurance & Accreditation Center on:**  
**Council of the Faculty of Medicine, Tanta University on: 18/9/2013**
- **Taught hours: in 3 week**
  - **Lectures : 24 hrs/3 weeks = 8 h/w**
  - **Practical : 54 hrs in 3 weeks= 18 h /w**
  - **Total : 78hrs = 26 h/ w**

### **2 - Overall Course Aims**

- To develop the students' knowledge and skills to recognize common skin and sexually transmitted diseases.
- To help the students to attain a level of clinical competence Sufficient to deal appropriately with dermatological and sexually transmitted cases presenting in the general practice.
- To help students to develop orientation about an introduction to male infertility and erectile dysfunctions.

### **3- Intended learning outcomes (ILOs):**

#### **a- knowledge and understanding:**

BY the end of the course, the student should be able to:

- a1. describe the normal structure and function of the skin and its appendages including:**
  - Dermatological terminology including primary and secondary lesions,
  - Dermatological history taking .
- a2. Recognize the etiology of:**
  - Bacterial skin infections
  - Viral skin infections.

- Parasitic skin infestations
  - Fungal skin infections.
  - Leprosy.
- a3.** Identify the principles of early clinical manifestations and management of inflammatory & erythematous scaly diseases of the skin: e.g. Psoriasis, lichen planus, pityriasis rosea and pityriasis rubra pilaris
- a4.** Identify the principles of early clinical manifestations and management of sebaceous gland: e.g. acne vulgaris
- a5.** Identify the principles of early clinical manifestations and management of melanin pigmentation as vitiligo
- a6.** Identify the principles of early clinical manifestations and management of hypersensitivity skin conditions: urticaria- angioedema, erythema multiforme, and erythema nodosum
- a7.** Identify the principles of early clinical manifestations and management of the reaction pattern as Eczema.
- a8.** Identify the principles of early clinical manifestations and management of the disorders of hair:
- Hair cycle
  - Alopecia.
- a9.** Identify the principles of clinical epidemiology, aetiology, management and define necessary information about health promotion and disease prevention and control of the common sexually transmitted diseases as HIV infection, syphilis, gonorrhoea, non gonococcal urethral discharge and chancroid.
- a10.** Describe the normal values of semen analysis & recognize the etiology of erectile dysfunction.

### **b- Intellectual skills**

By the end of the course, the student should be able to:

- b1.** explain the clinical data obtained from history and clinical examination with results of laboratory investigations to reach a diagnosis or a differential diagnosis
- b2.** Integrate the results of history, physical and laboratory test findings of common skin and sexually transmitted diseases into meaningful diagnostic formulation.
- b3.** Interpret appropriate management strategies for each individual case which can differ according to patient's age, medical condition and psychosocial and economic state.

### **c- Professional & practical skills**

By the end of the course, the student should be able to:

- c1.** Demonstrate basic sciences practical skills relevant to skin and sexually transmitted diseases.
- c2.** Record reliable patient history and construct symptoms and physical signs in terms of anatomic, pathologic and functional diagnostic significance.
- c3.** Analyse primary and secondary lesions and configuration of skin lesions.
- c4.** Drawing and labeling different skin lesions mentioned in the topics list.

- c5. Perform and document a focused medical examination of a leprosy patient and differentiate a potentially infective case of lepromatous leprosy from other clinical types.
- c6. Drawing and labeling different hypopigmented patches .
- c7. Drawing and labeling different causes of scalp alopecia caused by ring worm infection, alopecia areata or cicatricial alopecia.
- c8. Record clear and concise medical records including: admission sheets, progress and follow up notes.
- c9. Formulate management plan for common diseases.

**d-General transferable skills, Professional attitude and communication skills:**

**BY the end of the course, the student should be able to:**

- d1. Communicate with patients with skin and sexually transmitted diseases and examine them in a sensitive and courteous manner.
- d2. Solve problems related to the psychosocial impact of skin and sexually transmitted diseases and Andrology problems on patients and families and deal with them in a proper way.
- d3. Communicate with other medical fellows to work effectively within a health care team.
- d4. Respect all interactions with patients, families, colleagues and others with whom the physician must interact in their professional life.
- d5. Adopt the principles of lifelong learning and use information technology properly for research activities.
- d6. Ensure safety and infection control measures during medical practice
- d7. Ensure the cost effectiveness of the prescribed management plans.

**4- Topics (Contents of the course)**

Topic	No. of hrs.		
	Lectures	Practical/Small groups	Total
<b>1- Introduction about the skin:</b> - histology - function - primary and secondary - Lesions. - diagnosis of a dermatological - Case.	1	3	4
<b>2. Bacterial skin diseases:</b> - Impetigo, ichthya, Erysipelas & cellulites	1	4	5
<b>3. viral skin diseases:</b> - Herpes viruses: herpes simplex, varicella, herpes zoster. - Human papilloma virus (verruca) - Pox virus, (molluscum).	1	5	6
<b>4. Parasitic skin diseases:</b>	1	4	5

Topic	No. of hrs.		
	Lectures	Practical/Small groups	Total
- Scabies. - pediculosis.			
<b>5. Fungal skin diseases :</b> - Dermatophyte skin infections (tinea). - Candidiasis. - pityriasisversicolour.	2	5	7
<b>6. Mycobacterial skin disease (leprosy).</b>	2	4	6
<b>7. Papulosquamous diseases:</b> - Psoriasis. - Lichen planus. - pityriasisrosea.	2	5	7
<b>8. Disorders of pilo-sebaceous unit:</b> - Acne vulgaris.	1	4	5
<b>9. Disorders of melanin pigmentation:</b> - leucoderma - vitilligo.	1	4	5
<b>10. Hypersensitivity skin conditions</b> - urticaria- angioedema - erythema multiformes , drug reactions and erythema nodosum	2	5	7
<b>11. Eczema</b>	1	4	5
<b>12. Disorders of hair:</b> - Hair cycle - Alopecia.	1	5	6
<b>13. Sexually transmitted diseases:</b> - HIV infection - syphilis - gonorrhoea. - non gongoccal urethral discharge - chancroid.	4		4
<b>14. Introduction to Andrology:</b> - Anatomical and physiological points. - Short notes about infertility - Short notes about erectile dysfunction	2		2
<b>15- Revision on dermatology course</b>	2	2	4
<b>total hors</b>	<b>24</b>	<b>54</b>	<b>78</b>

## 5-Teaching and learning methods

### 5.1 Illustrated lectures:

- Formal lectures: by professors and assistant professors.

**5.2 Clinical sessions:**

- Clinical demonstration of cases through clinical /small group sessions: by professors, assistant professors, lecturers & assistant lecturers.

**5.3. Practical clinical technique:**

- Focus on the development of practical skills appropriate to the clinical situation.
- Each student prepares and presents complete sheets for 5 dermatologic cases .

**5.4 Assignment (mini lecture):**

- Quiz: Each student is required to answer a quiz proposed by the professors during the clinical rounds, and present it as a written paper

**5.5 Self learning (the department page on internet):**

- Facebook page: the student can learn by watching the photos uploaded and freely discuss them with the staff members.

**-Teaching plan -**

**Students will be divided into 9 groups , each having the course over of 3 weeks**

<b>Item</b>	<b>Time schedule</b>	<b>Teaching hours</b>
Lectures	6 days / week	1 <sup>st</sup> week: 8 hours 2 <sup>nd</sup> week: 10 hours 3 <sup>rd</sup> week: 6 hours
Practical classes	6 clinical sessions / week	Each clinical session lasts for 2.5 hours
Total		78 hours (24 hours lectures & 54 hours practical)

**6-Student Assessment:**

**a) Methods used**

1 Written tests:

- Short essay questions to assess knowledge & understanding (ILOs a1---a10,b1--3)
- MCQs at the end of practical course and in end year exam.

2. Oral test to assess knowledge, understanding. Intellectual skills and attitude (ILOs a1---a10,b1--3, c1—c10)

3. Clinical tests to assess professional & practical skills. (c1---c10)

4. Periodical assessment: (Clinical Case study in groups, assignments and self-learning) : assess from c1-c10 and from d1 to d7

**b) Assessment schedule** التوقيت

Assessment	Week
1. Written test <ul style="list-style-type: none"> <li>• Quiz</li> <li>• Short essay questions</li> <li>• MCQs</li> </ul>	During clinical course End of the year  End of clinical course End of the year
2. Oral test	End of the year
3. Clinical test Practical exams	End of clinical course End of the year

**c- Weighing of assessments** (توزيع الدرجات)

Examination	Topic	Description	Marks
Periodical Examinations (Formative only)	Sheet examination	Each student prepares and presents complete sheets for 5 dermatologic case	No marks
	Quiz	Each student is required to answer a quiz proposed by the professors during the clinical rounds, and present it as a written paper	No marks
End of clinical course	Practical exam	Spot diagnosis is asked For 5 dermatological cases	10 marks
	MCQs	20 MCQS at the end of practical course	10 marks
Final Examination	Written	Short essay questions	20 marks
		MCQ	10 marks
	Practical exam		10 marks
	Oral exam	Using VIVA cards	10 marks
<b>Total</b>			<b>70 marks</b>

**7- List of references**

**1 Course notes**

- Basic Dermatology , Sexually transmitted diseases & Andrology for Medical Students

- (Book and Atlas) By staff members of Dermatology & Venereology Department

## **2. Text book**

- Rook dermatology text book .by Burns, Tony; Breathnach, Stephen; Cox, Neil; Griffiths, Christopher; 8th ed. Blackwell Publishing, 2009.
- Andrews's diseases of the skin, clinical dermatology. By James D.William, Berger T., Elston D.11th ed. 2011

## **3. Recommended books**

- Basic Dermatology , Sexually transmitted diseases & Andrology for Medical Students
- (Book and Atlas) By staff members of Dermatology & Venereology Department

## **4. Periodicals and web sites**

- [http:// dermatlas.med.edu](http://dermatlas.med.edu)
- [www.tanta.edu.eg](http://www.tanta.edu.eg)
- facebook page for undergraduates : قسماالجلديةوالتناسلية , جامعة طنطا , لطلابالفرقةالخامسة:

## **8- Other resources / facilities required for teaching and learning to achieve the above ILOs:**

- Lectures halls:.
- Rooms for small group teaching.
- Black and white board.
- Audiovisual aid (data shows, overhead, and slide projectors).
- Faculty library.

We verify that the above Course and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department  
name.....signature.....Date.....

Head of quality assurance unit:  
name.....signature.....Date.....

**(A)Intended learning outcomes of the course**

<b>The name of course</b>	Dermatology& Venereology	University: Tanta /Academy
<b>Code of course</b>	TMED. 05: 01	Faculty: Medicine
		Department: Dermatology& Venereology

Topics of the course	Week Study	Knowledge & Understanding	Intellectual Skills	Professional Skills	General transferable skills
Introduction about the skin viral skin diseases	1 <sup>st</sup> week	a1-a2	b1-b3	c1-c4-c5-c9,c10	d1-d2-d3 to d7
Bacterial infections Parasitic skin infections	1 <sup>st</sup> week	a2	b1-b3	c1-c2-c3-c4-c5-c9,c10	d1-d2-d3
Fungal skin disease	1 <sup>st</sup> week	a2-a4	b1-b3	c1-c4-c5-c6-c7-c9,c10	d1-d2-d3
Leprosy Acne vulgaris	2 <sup>nd</sup> week	a2- a3-a4-a5	b1-b3	c1-c4-c5-c9,c10	d1-d2-d3
Papulosquamous disorders	2 <sup>nd</sup> week	a8-a9-a10	b1-b2-b3	c1-c4-c5-c9,c10	d1-d2-d3
Alopecia	2 <sup>nd</sup> week	a6	b1 -b3	c1-c4-c5-c9	d1-d2-d3
Urticaria& hypersensitivity disorders	2 <sup>nd</sup> week	a6-a10	b1-b2-b3	c1-c4-c5-c9,10	d1-d2-d3
Vitiligo	2 <sup>nd</sup> week	a7	b1- b3	c1-c4-c5-c9	d1-d2-d3
Eczema	2 <sup>nd</sup> week	a10	b2-b3	c1-c4- c8-c9.10	d1-d2-d3
Syphilis, chancroid, non gonococcalurethritisGonorrhoea AIDS	3 <sup>rd</sup> week	a10	b2-b3	c1-c4- c9,c10	d1-d2-d3
Erectile dysfunction	3 <sup>rd</sup> week	a10	b2-b3	c1-c4- c9,c10	d1-d2-d3
Assignments, case study and self-learning		a1-a10	B1 & b3	c1 – c10	d1 – d7

Course coordinator : .....

Head of the department:.....

Matrix of the course ILO,s with the Program ILO,s

Matrix of the course ILO,s with the Program ILO,s												
Course ILOS	program ILO	knowledge & understanding				Intellectual skills		Professional & practical skills			General , transferable, Professional Attitude and communication skills	
		knowledge & understanding	a. a1									
a. a 5												
a. a8												
a. a8												
a. a8												
a. a8												
a. a8												
a. a8												
a. a8												
a. a11 a13												
a. a1 a5												
Intellectual skills	b. b1d b2											
	b. b5											
	b. b6											
Professional & practical skills	c.1 c1d											
	c.2 c2 c4											
	c.3 c1d											
	c.4 c1e											
General , transferable, Professional Attitude and communication skills	c.5. c3											
	c.6. c1e											
	c.7. c1e											
	c.8. c5											
	c.9. c6											
General , transferable, Professional Attitude and communication skills	d.1. d8											
	d.2. d26											
	d.3. d20											
	d.4. d11											
	d.5. d12											
	d.6. d28											
	d.7. d22											