



COURSE SPECIFICATION of Advanced course in STD (sexually transmitted infections)

MSc Dermatology, Andrology and STDs Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	MSc Dermatology, Andrology and STDs
(2) Department offering the programme:	Dermatology, Andrology and STDs
(3) Department responsible for teaching the course:	Dermatology, Andrology and STDs
(4) Part of the programme:	Fifth 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:	Advanced course in STD (sexually transmitted infections)
(8) Course code:	DERM 515 STDs
(9) Total teaching hours:	30
(10) Number of credit hours	2

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

1- Provides the student with advanced knowledge about **STD** (sexually transmitted infections)

(2) Be able to plan a standard diagnostic algorithm for steps for diagnosis and treatment of **STD** (sexually transmitted infections)

Intended Learning Outcomes (ILOs):

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

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

A- Knowledge and Understanding

A1 - Discuss the History and epidemiology of sexually transmitted infections

A2- Explain the etiology, pathogenesis, diagnosis, differential diagnosis and management of Sexually transmitted viral diseases.

A3-Describe the etiology, pathogenesis, diagnosis, differential diagnosis and management of Sexually transmitted bacterial diseases.

A4 – Discuss the etiology, pathogenesis, diagnosis, differential diagnosis and management of Sexually transmitted protozoal, fungal, and ectoparasitic diseases.

A5- Describe the Overview of STDs care management including the following :

1. Anatomy and physical examination of the genital tract
2. Principles of treatment of sexually transmitted diseases .
3. principles of laboratory diagnosis of STDs
4. Management of STIs syndromes in women
 - a. lower genital tract infection syndromes in women
 - b. Pelvic inflammatory disease
5. Management of STIs syndromes in men
 - a. -Urethritis in males .
 - b. -Epididymitis .

C. -Prostatitis syndromes .

6. Management of dermatologic and extragenital manifestations of S T D s and H IV infection

a. Generalized cutaneous manifestations of S T D s and H IV infection

b. Genital ulcer .

c. Genital dermatoses .

7. Clinical management of HIV infection and

C ounseling and T esting for H IV Infection

A6- D escribe Prevention and control of S T D s and H IV infection

including control measures and S T D s vaccines and special aspects of S T D s/H IV prevention and control in developing countries

B- Intellectual ILOs

B1- Compare between different types of discharge and ulcer

B2- Differentiate between different types of gamete micromanipulations.

(3) Course content:

L ectures	Teachin g hours
1. History, and epidemiology of sexually transmitted infections	1
2. Etiology, pathogenesis, diagnosis, differential diagnosis and management of Sexually transm itted viral diseases	10
a) –Human immunodeficiency virus infection.	
b) -Human t-cell lymphotropic viruses.	
c) –Herpes viruses infections cytomegalovirus.	
d) -Epstein-barr virus infection.	
e) -Genital human papillomavirus infection.	

f) -Viral hepatitis.	
g) –Molluscum contagiosum.	
3. Etiology, pathogenesis, diagnosis, differential diagnosis and management of Sexually transmitted bacterial diseases.	9
a) -Chlamydia trachomatis infections	
b) Lymphogranuloma venereum	
c) -Neisseria gonorrhoeae infections	
d) - Syphilis	
e) -Endemic treponematoses	
f) -Chancroid and haemophilus ducreyi	
g) -Donovanosis	
h) -Genital mycoplasmas	
i) -Bacterial vaginosis	
4. Etiology, pathogenesis, diagnosis, differential diagnosis and management of Sexually transmitted protozoal, fungal, and ectoparasitic diseases	4
a) –Trichomonas vaginalis and trichomoniasis.	
b) -Intestinal protozoa: giardia lamblia, entamoeba histolytica, cryptosporidium	
c) -new and emerging protozoal infections	
d) -Vulvovaginal candidiasis	
e) -Pubic lice and scabies	
f) -Genital mycoplasmas	
5. Overview of STDs care management:	5
a. Anatomy and physical examination of the genital tract	
b. Principles of treatment of sexually transmitted diseases.	
c. principles of laboratory diagnosis of	

STDs	
d. Management of STDs syndromes in women - lower genital tract infection syndromes in women -Pelvic inflammatory disease	
e. Management of STDs syndromes in men -Urethritis in males. -Epididymitis. -Prostatitis syndromes	
f. Management of dermatologic and extragenital manifestations of STDs and HIV infection -Generalized cutaneous manifestations of STDs and HIV infection -Genital ulcer -Genital dermatoses.	
g. Clinical management of HIV infection and Counseling and Testing for HIV Infection	
6. Prevention and control of STDs and HIV infection & vaccines and Special aspects of STDs/HIV prevention and control in developing countries	1
Total	30

(4) Lectures

4.2 : Journal clubs

4.3 : Workshops

4.4 : Grand meetings

4.5 : Case presentations

4.6 : Specialty conferences

4.7 4.7: Hand on training

(5) Assessment methods: Assessment methods.

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

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

5.3: 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.

5.4: seminars: the candidate should prepare and present at least one seminar in atopic 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 2nd semester for assessment of knowledge and intellectual skills (80%)

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

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

(6) References of the course:

6.1 : **Hand books:** conferences and Department staff handouts

6.2 : **Text books:** Andrology: Male Reproductive Health and Dysfunction,

E. Nieschlag, H.M. Behre and S. Nieschlag (Editors) 2009, Springer; 3rd ed.

6.3: **Journals:** human andrology, fertility sterility

6.3 : **Websites:** www.iasstdaids.org, www.telemedicine.org/std ,and

ijsa.rsmjournals.com 6.4: **Others:** Andrology course of Cairo University

(7) Facilities and resources mandatory for course completion: 1-Fully Equipped

Lecture halls

2-Department library 3-

Faculty library

Course coordinator:

Prof. Samir Elhanbaly, MD

Head of the department: **Prof.**

Ashraf Hassan, MD