



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Dermatology & Venereology

Course Specifications

**Andrology (Basic & Advanced)
(Semester 5) Doctorate
Degree**

2018-2019

Andrology (Basic & Advanced) (Semester 5) - Doctorate degree Course specifications
University: Tanta Faculty: Medicine Department: Dermatology& Venereolgy

A- administrative Information

1- Semester title: Andrology (Basic & Advanced) (semester 5) - Doctorate degree

2-Department responsible for the Semester: Dermatology& Venereolgy department

3- Semester code: DERMVEN 9005

4- Level: Second level

5- No. of Credit / taught hours:

*** Lectures: 4 credit (60 h) * Practical: 2 credit (60 h)**

*** Scientific activities : 1 (30 h) * Elective courses : 2 credit (60 h)**

Total : 9 credit (210 hours)

7-Authorization date of course specification: faculty council On 18 September 2013

B- Professional Information

1 – Overall Course aims

Our Course aims to:

- Perfect the bases and methods of medical researches.
- Enrich the field of andrology diseases through original medical researches.
- Apply analytical and critical methods when dealing with medical problem related to andrology diseases.
- Merge medical knowledge to hypothesize new relations and explain pathogenesis of different andrology diseases.
- Have deep orientation about the current andrology problems, and up to date hypothesis explaining it.
- Detect professional problems and suggest innovative solutions.
- Perfect large scale of professional skills in diagnosis and treatment of andrology diseases .
- Adopt positive attitude towards the development of new modalities and methods of professional practice in andrology diseases.
- Perfect use of technological tools needed in his/her practice
- Communicate and lead team in systematic professional manner.
- Make decision through analysis of available information.
- Manage effectively andrology available resources, planning to increase it, and develop new resources.
- Enable the candidate to perfect clinical skills.

- Enable the student to perfect technical skills that allow him/her to interpret diagnostic investigations properly.

2 - Intended learning outcomes (ILOs):

a- Knowledge and understanding:

By the end of the program graduate should be able to:

- a.1- Discuss The basic theories and principles of basic science that help him to understand venereology and andrology diseases; regarding aetiology diagnosis, management, control, and prevention.
- a.2- Outline the knowledge about the ethical and legal principles of medical practice
- a.3- Develop competence in basic dermatologic description.
- a.4- Identify the principles of quality assurance in medical practice
- a.5- Recognize the basics about evidence based venereology and andrology.
- a.6- Identify the recent advances about emerging and reemerging Andrological conditions and therapeutic modalities in Egypt and worldwide.

b-Intellectual skills:

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

- b.1- Analyze the medical problems regarding venereology and andrology diseases.
- b.2- Interpret common medical problems related to venereology and andrology.
- b.3- Plan related medical topics in medical journals for researchers in venereology and andrology.
- b.4- Design a plan to deal with risks in venereology and andrology.
- b.5- Organize medical decisions according to available information in particular situations
- b.6-. Interpret the psychosocial impact of venereology and andrology disease.
- b.7- Plan and undertake critical analysis and evaluation of an area of practice relevant to their field of work.
- b.8- Formulate medical research paper
- b.9- Innovate solutions to medical problems in the specialty

c-Professional &practical skills

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

- c.1- Assess different approaches to recording and managing patients' conditions.
- c.2- Analyze clinical data of a given case in provisional sheet, develop a management plan for clinical case
- c.3- Evaluate and be aware of the significance of less common but important skin problems including venereology and andrology emergencies.
- c.4- Evaluate and interpret common investigation reports related to specialty

- c.5- Construct a referring medical report about clinical case, reflecting its diagnosis and management plan, and respecting medico legal aspects
- c.6- Examine basic office procedures in venereology and andrology.
- c.7- Use recent technological tools to serve his/her career.

d-General transferable skills

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

- d.1- Communicate effectively with his colleagues, paramedicals and patients.
- d.2- Apply perfect basic computer using skills which serve his career development
- d.3- Apply self-evaluation and specify his medical educational needs.
- d.4- Use different learning resources to get knowledge and information.
- d.5- Manage time and practice team working through collaboration with other specialties to get proper diagnosis of a given case.
- d.6- Lead a medical team in patient care wards
- d.7- Use continuous medical education
- d.8- Develop Communication, presentation, team-working and managerial skills.
- d.9- adopt respect to all colleagues in his medical team.
- d.10-apply ethical principles on treating the patients.

3-Course contents

1- Lectures:

(4 credit = 60 hours) distributed as follow:

Subject	Lectures Duration hours
Andrology (Basic & Advanced)	
Embryology of the genital organs	4
Physiology of male genitalia	4
Erectile disorders	10
Ejaculatory disorders	6
Infertility	10
Assisted Reproductive technology (ART)	6
Andrological emergencies	4
Male contraception	4
Advanced andrology	6
Treatment of male infertility	6

2- Clinical Part: (60 hours = 2 credit)

All through the educational semester

Patients clinical service round:

2 hours per day, two days per week for 15 weeks

3- Scientific activities : (60 hours = 2 credit) : Seminars – Conference

4- Elective courses : (30 hours = 1 credit)

4-Teaching and learning methods

- Lectures
- Seminars
- Workshops
- Journal clubs
- Bedside teaching
- Case presentation
- conference participation and attendance
- observation

5-Student Assessment

6.1 MCQ to assess (a1 – a6 , b1 - b9)

6.2 Logbook and assignments to assess

(a1,a2,a3,b1,b2,b3,b4,b5,c4,d1,d2,d3,d4,d5,d6,d7,d8,d9,d10)

6- List of references

7.1 Course notes recommended by faculty staff in some topics.

7.2 Textbook: Andrology, 3rd edition , 2010, Nieschlag, Eberhard; Behre, Hermann M.; Nieschlag, Susan (Eds.)

7.3 Periodicals and web sites

- Department Web site
- www.nlm.ncbi.gov
- <http://www.egyderm.com>: Egyptian society of Dermatology and Venereology
- Facebook page for postgraduates students; قسم الجلدية و التناسليه جامعه طنطا لطلبة الدراسات العليا

7-we certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

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.....