

Al-Azhar University

Faculty of Medicine

**Program & Course specification of Dermatology &
Venereology (Diploma degree)
Dermatology & Venereology Department**

Coordinators:

Prof. NayeraMoftah

Dr. Mohamed El Hariri

Heads of departments:

Prof. Mohamed Kotb Ibrahim

Prof. Faten Abdel Wadood

Prof. Abd El KhalekHasanYones

Prof. RabieBedir Attalla

Diploma of Dermatology and Venereology

Program Specification

University: Al-Azhar University

Faculty(s): Faculty of Medicine (Boys – Girls – Dumyat - Assuoit)

Program Specification

A. Basic Information

1. **Program Title** : Diploma of Dermatology and Venereology
2. **Code** :
3. **Programme Type:** Single Double Multiple
4. **Department (s)** : Departments of Dermatology and venereology Al –Azhar University
5. **Coordinator** :
Prof. Nayera Moftah, Prof. Amira Abdel-Azim, Dr. Radwa Osama Tiranly
(Girls)
Dr. Mohamed El Hariri
6. **External Evaluator (s)** : Prof. Abd El Azez El Tawel
7. **Last date of program specifications approval:** 4 – 2014

B. Professional Information:

1. Aim of the program:

Program aims to:

- Ensure the students have a sound knowledge of skin and andrological diseases and sufficient skills to competently and correctly manage the common skin problems.
- Students should attain a level of clinical competence sufficient to allow them to differentiate between the different entities of dermatological disorders
- Be able to interpret relevant laboratory data in the context of the clinical problem.
- Be aware of the limitations in diagnostic and management skills, and know when to ask for expert help

- Enable students to develop an appreciation of the differences in the management and treatment of sexually transmitted diseases and to comprehend the basics of management of male infertility with respect to the Islamic rules.

2. Intended Learning Outcomes (ILOs):

A. Knowledge and Understanding:

By the end of the course the candidate will be able to:

1. Recognize the normal structure of the skin, primary and secondary skin lesions and function and development of the male and female genital systems and anatomy and factors or diseases that may disturb their functions.
2. Understand aetiology, pathology, symptoms, signs, history and prognosis of dermatological, venereal and andrological diseases of all ages.
3. Recognize diagnostic procedures, their indications and limitations and steps of simple outpatient procedures necessary for diagnosis of dermatological and sexually transmitted diseases.
4. Understand management of different dermatological, andrological and medical conditions including pharmacological, physical, nutritional and psychological therapies.
5. Identify principles of health education and disease prevention related to the skin and internal diseases.
6. Recognize the effect of environmental factors on different dermatoses.
7. Cope with ethical and legal issues which occur during the management of the patients as regard dermatology and venereal diseases.

B. Intellectual skills:

By the end of the course the candidate will be able to:

1. Analyze the patient symptoms and signs.
2. Select the appropriate investigations for each patient.
3. Integrate results of clinical findings with the investigational procedures to solve different dermatological problems and its differential diagnosis.
4. Evaluate benefit/risk ratio of different dermatological therapies
5. Deal with uncertainty in problems that do not conform to classic data.
6. Able to analyze the connection between skin and internal or systemic disorders

C. Professional and practical skills:

By the end of the course the candidate will be able to:

1. Take a detailed dermatological history.
2. Perform thorough dermatological examination.
3. Perform different office investigation techniques including mycology, skin biopsy, perform out patients procedures efficiently for different andrological problems, comedo extraction, cryocautery, electrocautery and phototherapy.
4. To interpret relevant laboratory data in the context of the clinical problem.
5. Apply different assessment methods used to assess dermatological and sexually transmitted diseases.
6. Able to determine the efficacy of topical, phototherapy, systemic therapy and surgical procedures in different dermatoses and andrological problems.
7. Manage emergency conditions that may arise during treatment of severely ill admitted patients.
8. Perform dermatological outpatient and cosmetic procedures efficiently.
9. Interpret a written dermatopathology report
10. Write a medical report.

D. General and transferable skills:

By the end of the program the candidate will be able to:

1. Work together in small groups, for practical and seminar work
2. Practice skills necessary for oral presentation.
3. Demonstrate effective communication with patients, relatives and awareness of the impact of chronic dermatological diseases on the family and society and venereal diseases.
4. Providing education and advice to a patient with skin or venereal diseases.
5. Use information technology to improve her dermatological practice & for self learning.
6. Cope with ethical and legal issues which occur in the management of the patient as regard dermatology and venereal diseases.
7. Able to learn independently.

3. Academic Standards:

National academic reference standards (NARS) of the National Authority of Quality Assurance and Accreditation of Education (NAQAAE).

Comparison of the program to External References

Program ILOs	NARS
Knowledge and Understanding	
A1	2.1.1
A2	2.1.1
A3	2.1.1
A4	2.1.1
A5	2.1.3
A6	2.1.4
A7	2.1.2
Intellectual Skills:	
B1	2.2.1
B2	2.2.2
B3	2.2.3
B4	2.2.4
B5	2.2.5
B6	2.2.3
Professional and practical skills:	
C1	2.3.1
C2	2.3.1
C3	2.3.1
C4	2.3.1
C5	2.3.1
C6	2.3.1
C7	2.3.1
C8	2.3.1
C9	2.3.2
C10	2.3.2

General and Transferable Skills:	
D1	2.4.1--2.4.5--2.4.6
D2	2.4.1
D3	2.4.1
D4	2.4.1
D5	2.4.2—2.4.3
D6	2.4.4
D7	2.4.7

4. Curriculum Structure and Contents:

a) **Program duration:** 1year

b) **Program structure:**

No. of hours per week:

	Lectures	Clinical/Practical	Total
Diplome	12	12	24

c) **Contents:**

A) Andrology:

1) Human sexuality:

- Embryology of the genital system.
- Anatomy of the genital system.
- Sexual response cycle.
- Sexual maturation (puberty).
- Psychosexual maturation.
- Intersex
- Puberty disorders.
- Psychogenic erectile dysfunction.
- Endocrinal erectile dysfunction.
- Medical causes of erectile dysfunction.
- Neurogenic erectile dysfunction.
- Vasculogenic erectile dysfunction.
- Penile causes erectile dysfunction.
- Non-invasive therapy.
- Intracavernous therapy.
- Surgical therapy.
- Male orgasmic disorders.
- Female orgasmic disorders.

- Sexual pain disorders.
 - Sexual perversions.
- 3) Male infertility and contraception:

- Physiology of male genitalia and sperm
- Clinical evaluation.
- Semen evaluation.
- Primary testicular and sperm disorders.
- Testicular torsion.
- Varicocele.
- Male infertility (causes and management)
- Contraception.

B) Sexually transmitted diseases(STDs) :

- The spectrum of STDs (etiology – symptoms)
- Anatomy of male and female urethra
- Male urethral discharge: diagnosis
- Gonorrhoea
- Non – gonococcal (NG) urethritis
- Vaginal infections
- Vaginal discharge
- Genital candidiasis
- Trichomoniasis
- Bacterial vaginosis
- Group B streptococcal infections
- Complications of common genital infections
- Pelvic inflammatory conditions(PID)
- Prostatitis
- Epididymitis
- Reiter's syndrome
- Genital ulcers
- Genital herpes(Herpes progenetalis)
- Neonatal herpes simplex
- Syphilis
- Sexually transmitted arthritis
- Chancroid (soft sore)
- Granuloma inguinale
- Lymphogranulomavenereum
- Condylomacuminatum (anogenital wart)
-HPV-associated dysplasia andneoplasia
- Human immunodeficiency virus infections
- Mollusumcontagiosum
- Genital dermatoses
- Fixed drug eruptions
- Squamous cell carcinoma of the penis
- Balanitis

- Conditions involved scrotum and pubic area
- Dermatoses of the vulva
- Endemic non- venereal trepanomatoses
- STDs in homosexual men
- Child abuse
- Epidemiology and methods of control

Basics of dermatology

- Normal skin histology.
- Physiological function of the skin.
- Diagnosis of skin diseases.
- Histopathology of the skin: general principles.
- Skin inflammation: cells, molecules, mediators.
- Immunology and allergy: pathogenesis and sequelae.
- Wound healing and skin regeneration.
- Genodermatoses
- Introduction to genetics, prenatal diagnosis and selected syndromes.
- Vesiculobullous disorders,
- Immunobullous and mechanobullous dermatoses
- Papulosquamous disorders
- Psoriasis.
- Lichen planus and lichenoid reactions.
- Pityriasis rubra pilaris.
- Allergic skin disorders
- Eczema.
- Atopic dermatitis.
- Contact dermatitis: allergic, irritant and occupational.
- Mechanical and thermal injury.
- Urticaria and angioneurotic edema.
- Autoimmune collagen diseases:
- Lupus erythematosus.
- Scleroderma and morphea.
- Mixed connective tissue diseases and dermatomyositis.
- Lichen sclerosis, sjogren syndrome and rheumatoid diseases.
- Antiphospholipid syndrome
- Non infectious granuloma and sarcoidosis.
- Bacterial skin infections
- Normal flora, gram positive, negative and anaerobic bacteria.
- Mycobacterial infections: tuberculosis, leprosy and atypical mycobacteria.
- Viral skin infections
- General pathology, herpes viruses, human papilloma virus, retrovirus, hepatitis viruses, Gianotti-Crosti syndrome and pityriasis rosea.
- Parasitic skin infections
- Leishmaniasis, scabies and pediculosis.
- Fungal skin infections
- Superficial, subcutaneous and systemic mycoses and their management
- Protozoal skin infections

- Cutaneous vascular disorders
- Diseases of subcutaneous fat
- Drug reactions
- Photodermatoses: basic principles, normal and abnormal reactions, photodermatoses and phototherapy.
- Reactions to physical agent
- Primary perforating dermatoses
- Degenerative skin disorders
- Elastin.
- Collagen.
- Premature aging.
- Histiocytic proliferative disorders.
- Mastocytosis.
- Metabolic and nutritional disorders
- Porphyria.
- Xanthoma and hyperlipidaemia.
- Amyloidosis.
- Calcinosis.
- Mucinosis and amino acid metabolism disorders.
- Lipoid proteinosis.
- Angiokeratoma.
- Nutrition and the skin. Pigmentary disorders:
- Melanocyte biology, function and hypermelanosis.
- Vitiligo.
- Other disorders of pigmentation.
- Erythema and telangiectasia
- Diffuse, localized, figurate, multiforme and toxic.
- Erythroderma.
- Flushing, rosacea and perioral dermatitis.
- Purpura and telangiectasia.
- Hair disorders: physiology of hair and pathology.
- Nail disorders: anatomy, biology and pathology.
- Sweat gland disorders
- Structure, function and common diseases of eccrine and apocrine glands.
- Sebaceous gland disorders
- Structure, function and diseases Including acne vulgaris, naevi and tumors.
- Tumours of the epidermis: benign, premalignant and malignant.
- Tumours of melanocytes
- Melanocytic nevi and malignant melanoma.
- Tumours of blood vessels Tumours of neural tissue Tumours of adipose tissue Lymphoma and leukemia Metastatic tumours
- Skin and systemic diseases Geriatric dermatoses and psychocutaneous disorders: a spot light.
- Neonatal and pediatric dermatoses
- Pregnancy related dermatoses Occupational dermatoses
- Pruritus and prurigo: Pathway, mediators, modulators, situations and management.

Pathology and microbiology	X					X	X					X	X		X				
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7. Program Admission Requirements

According to the regulations and unified internal bylaws of Al-Azhar University's faculties of medicine. (Will be mentioned later on)

8. Evaluation of program intended learning outcomes:

Evaluator	Tool	Sample
1- Senior students	questionnaires	30 %
2- Alumni	questionnaires	30 %
3- Stakeholders (Employers)	Questionnaires	3persons
4-External Evaluator(s)/External Examiner(s)	Report	1
5- Other (Peer staff from another university)	Report	1

Annex 1: Courses' Specifications (for Diplome Degree)

اللوائح المنظمة لعملية التدريس للدبلوم الامراض الجلدية و التناسلية بجامعة الازهر:

مادة 29:

مدة الدراسة لنيل درجة الدبلوم مسنتو احدة عدادبلو مأمراضالقلبو الأوعيةالدمويةو دبلو مالطباطبيعيو الروماتيزمو التأهيلالطبيو دبلو مالاشعةالتشخيصيةو دبلو مالاشعةالعلاجيةو دبلو مالاذنوالأنفوالحنجرةو دبلو مطبوجراحةالعينو دبلو مالتحاليلالطبيةو دبلو مالأمراضالمتوطنتو دبلو مالغدالصماءمدةكلمنهمسنتو نصف.

مادة 30:

يشترطتفقيدهالطالبالحصولعلنددرجةالدبلوم:

- أنيكونحاصلاًعلنددرجةالإجازةالعالية
- البكالوريوس)فمالطبو الجراحةمنجامعة الأزهرأو إحدالجامعاتالمصريةأو علنددرجةمعادلةلها منمعهدآخر معترفمنالجامعة.
- أنيكونقدقضاالسنةالتدريبية(الامتياز)
- أنيكونمتمرفعالدراسة.

يراعنظامالجامعةفنادر استقامتحانالموادالإسلاميةللدراساتالعليةالمقررةلغيرخر يجيجامعة الأزهر.

مادة 31:

يكون الفيدل هذا الدرجه ف شهر اكتوبر من كل عام.

مادة 32:

يشكل مجلس الكلية لجنة متخصصة لوضع المحتوى العلمي المقرر اتفحدود الساعات والارده ف هذا هاللائحة علنا نتشمل هذا هالسا عاتالدر وسال نظريه و العمليه و التدر بيبالا كلينيكيو تعر ضلعن مجلس الكلية لإقرارها.

مادة 33:

يشتر طلب الطالب لهذا الدرجه:

حضور المقرر اتالدر اسيه و التدر بيبالا كلينيكيو و العمليه ب صفة مروضية علنا لا تقل نسبة الحضور عن 60 % أن يجتاز الاختبار اتالمقرر و بالنظام المبيين بالمادة 38

مادة 34:

تعقد الامتحانات كل عام مندورينا - دور نوفمبر - دور أبريل

ومنير سبيعيد الامتحان ف جميع المواد المقرر و بالنسبة للدبلو ماتذاتالجز ئيين منير سبفبالجزء الأول ليس محلهم متابعة الدر اسه فبالجزء الثاني.

مادة 35 :

عدلتقرار شيخالأز هر رقم 873 لسنة 1996

تطلقر صدخو لالامتحان للدبلو ماتالجزء الواحد.

لايجوز للطالب أن يقيم قيد الدر اسه للجزء الأول و الدرجه الدبلو مأكثر منضعفالمدة المقرر و للدر اسه و لمجلس الكلية أن ير خصله بفر صة آخر بللعامل الجامعي التالبيدور يهو إذا المينجح فبالجزء الأول و لخاللهذا هالفتر و يلغ عقيد هنهايأ .
و منينجح فبالجزء الأول و تطلقر صدخو لها لامتحان فبالجزء الثاني .
و فجميع الأحوال الفحالبقاء الطالب بعدضعفالمدة المقرر و (سنناتالدبلو مالجزء الواحد و ثلاثسنو اتلجز ئيين) يلتنز مبيتسديد استمرار قيد هطبقة الاماتقرر هالجامعة.

مادة 36:

:تحسبتقدير اتالنجاح و الرسوب فنامتحانات الدرجه الدبلو معلنا لوجهاتالتالي:

ممتاز	≤ 85 %
جيد جداً	من 75 % إلى أقل من 85 %
جيد	من 65 % إلى أقل من 75 %
مقبول	من 50 % إلى أقل من 65 %
ضعيف	من 30 % إلى أقل من 50 %
ضعيف جداً	أقل من 30 %

مادة 37:

تبين الجدو لالآتية المقرر اتالدر اسيه و الاختبار اتلدرجه الدبلو مالذكور و بالفقرة (أ) منالمادة رقم 28 من هذا هاللائحة:

أ- المقررات:

عدد الساعات المقررة في الاسبوع			
عملية إكلينيكية	نظري		
5	5	مقرر نظري وإكلينيكي في الأمراض الجلدية.	1
5	5	مقرر نظري وإكلينيكي في الأمراض التناسلية.	2
2	2	مقرر نظري وعملية الباثولوجيا والميكروبيولوجيا	3

ب- الاختبارات:

- اختبار تحرير بمدته ثلاث ساعات في الأمراض الجلدية.
- اختبار تحرير بمدته ثلاث ساعات في الأمراض التناسلية.
- اختبار تحرير بمدته ثلاث ساعات في الباثولوجيا والميكروبيولوجيا في جيفيماله علاقة بالتخصص.
- اختبار إكلينيكي في الأمراض الجلدية.
- اختبار شفوي في الأمراض الجلدية.
- اختبار إكلينيكي في الأمراض التناسلية.
- اختبار شفوي في الأمراض التناسلية.
- اختبار شفوي وعملية الباثولوجيا في جيفيماله علاقة بالتخصص.
- اختبار شفوي في الميكروبيولوجيا في جيفيماله علاقة بالتخصص

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