



University : Al-Azhar University

Faculty : Faculty of Medicine (Boys)

Department : Plastic surgery & Burn Department

**Program specification of Plastic surgery & Burn.
(MD degree)**

Year: 2015 / 2016

Program Specification

A- Basic Information

- 1. Program Title** : MD of Plastic surgery & Burn
- 2. Nature of the program** : Common program
- 3. Department responsible** : Department of Plastic surgery & Burn



B- Professional Information

1. Objectives of the program:

1/1. To provide the candidates with an educational experience in recognition and treatment of plastic surgery disorders. Up on completion of training, the graduate is expected to be a competent consultant in Plastic Surgery capable of independent practice.

1/2. To enable candidates to acquire a thorough knowledge of the basis of Plastic and Reconstructive Surgery, and Burns, including its foundations in the basic medical sciences and be exposed to research activities. The graduate will be able to access and apply relevant knowledge and skills to clinical practice and provide effective consultation services with respect to patient care, education and medico-legal issues.

1/3. To enable candidates to acquire all the aspects of plastic surgery including; Aesthetic Surgeries, Burn Management, and Reconstructive Surgeries.

2. Intended learning outcomes of course (ILOS):

A. knowledge and Understanding:

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

1. Demonstrate in-depth knowledge and understanding of theories, basics and updated biomedical, clinical epidemiological and socio-behavioral science relevant to Plastic Surgery as well as the evidence-based application of this knowledge to patient care.
2. Explain basics, methodology, tools and ethics of scientific medical, clinical research.
3. Mention ethical, medico logical principles relevant to his practice in the field of Plastic Surgery.
4. Mention principles measurements of quality assurance and quality improvement in medical education and in clinical practice of Plastic Surgery.
5. Mention health care system, public health and health policy, issue relevant to this specialty and principles and methods of system-based improvement of patient care in common health problems of the field of Plastic Surgery.



B. Intellectual skills:

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

1. Apply the basic and clinically supportive sciences which are appropriate to Plastic Surgery related conditions/ problem/topics.
2. Demonstrate an investigatory and analytic thinking “problem– solving“ approaches to clinical situation related to Plastic Surgery.
3. plain research projects.
4. Write scientific papers.
5. Participate in clinical risk management as a part of clinical governance.
6. Plan for quality improvement in the field of medical education and clinical practice in Plastic Surgery.
7. Create/ innovate plans, systems, and other issues for improvement of performance in Plastic Surgery.
8. Present and defend his/her data in front of a panel of experts.
9. Formulate management plans and alternative decisions in different situations in the field of the Plastic surgery



C. Professional and practical skills:

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

1. Provide extensive level of patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Extensive level means in-depth understanding from basic science to evidence-based clinical application and possession of skills to manage problems in field of practice.
2. Provide extensive level of patient care for patients with all common diagnoses and for uncomplicated procedures related to Plastic Surgery.
3. Provide extensive level of patient care for non-routine, complicated patients and under increasingly difficult circumstances, while demonstrating compassionate, appropriate and effective care.
4. Perform diagnostic and therapeutic procedures considered essential in the field of Plastic Surgery.
5. Handles unexpected complications, while demonstrating compassion and sensitivity to patient needs and concerns.
6. Communicate effectively and demonstrate caring and respect behaviors when interacting with patients and their families in Plastic Surgery related situations.
7. Gather essential and accurate information about patients of Plastic Surgery related conditions.
8. Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence and clinical judgment for Plastic Surgery related conditions.



9. Develop and carry out patient management plans for Plastic Surgery related conditions.
10. Counsel and educate patients and their families about Plastic Surgery related conditions.
11. Use information technology to support patient care decisions and patient education in all Plastic Surgery related clinical situations.
12. Perform competently all medical and invasive procedures considered essential for Plastic Surgery related conditions/area of practices.
13. Provide health care services aimed at preventing Plastic Surgery related health problems.

D. General and transferable skills:

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

1. Work together in small groups, for practical and seminar work
2. 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. Provide education and advice to a patient with skin or venereal disease.
5. Use information technology to improve his dermatological practice & for self learning.
6. Learn independently.
7. Manage the time efficiently.

3. Academic Standards:

Academic reference standards (ARS) approved by the program committee of the department.

4. References:

The reference standard of the National Authority of Quality Assurance and Accreditation of Education (NAQAAE).

5-Structure and content of the Program

A. Time Duration of program: At least 2 years.

B. Structure of the program:

Total number of hours/number of units: Lectures; practical : total:

-*Plastic surgery Course

Units 'Titles' list	Hours		Total	%from the Total hours Of the course
	Lecture	Training		
1-AestheticSurgery	210 HOUR	900 HOUR	1110 HOUR	35%
2-Reconstructive Surgery	300 HOUR	1200 HOUR	1500 H	50%
3-Burn	90hours	400 hours	490H	15%
4-Surgicalanatomy	45		45	
5-surgicalpathology	45		45	
Total	690	2500	3190	100%

6. courses of the program:

Modules/Units delivering courses and student work	Course Code	Total		
		Didactic	training	Total
Course of Plastic Surgery"	PIS313A	690	2500	3190
Unit1 Plasctic Surgery		600	2500	3100
Unit2 Surgical anatomy				
Unit3SurgicalPathology		45		45
		45		45
ThirdPart Thesis				

7. Courses Content:

General Principles in Wound repair
 General Principles in Flaps and Grafts
 General Principles in Microsurgery
 General Principles in Implants/Biomaterials
 Special Techniques in General Plastic Surgery
 Anesthesia and Critical Care in Plastic Surgery
 Pharmacology/Therapeutics in Plastic Surgery
 Neurotoxins (Botox)
 Soft tissue fillers
 Medicolegal and Psychiatric Aspects of Plastic Surgery
 Benign and Malignant Skin lesions
 Congenital Disorders in the Head and Neck
 Benign and Malignant Tumors of the Head and Neck
 Head and Facial Trauma
 Aesthetic and Functional problems of the Head and Neck
 Head and Neck Reconstruction
 Benign and Malignant Tumors of the Upper Extremity
 Upper Extremity Trauma



Aesthetic and Functional Problems of the Upper Extremity

Upper Extremity Reconstruction

Congenital Disorders of the Trunk and Breast

Benign and Malignant Tumors of the Trunk and Breast

Trauma and Reconstruction of the Trunk and Breast

Aesthetic and Functional Problems of the Trunk and Breast

Trauma and Reconstruction of the Lower Extremity

Trauma, Reconstruction and Functional Disorders of the Genitourinary System

Early Burns Management

Burn reconstruction

8. Pre –requests for admission to the program: present in Rules and By laws:

According to the regulations and unified internal bylaws of Al-Azhar University's faculties of medicine.

9-Methods and rules for assessment for attendance of the Program

Method	ILOs measured
Written examinations: Structured essay questions Objective questions MCQ Problem solving	K&I
Clinical: Long/short cases OSCE	K,I,P&Gskills
Structured oral	K,I&Gskills
Logbook assessment	All
Research assignment	I&Gskills

Weighting of assessments:

Courses	Degrees			
	Written	Oral	Clinical	Total
Specialized Courses:				
Unit1Plasc surgery Paper1 Paper2 Commentary	115 115 55	-Oral and imaging 100 -Oral and operative 100 -Oral stations 70 -Oral degree For anatomy And pathology 30	Long 150 short case150	
UNIT2 Surgical Anatomy UNIT3 Surgical Pathology	Both115 Anatomy 60) Pathology 55)		-	
Total	400	300	300	1000

Examination system:

Written exam Two papers 3 hours for each in Plascctic surgery and burn + Oral exam + Clinical exam

Written exam 1.5 hours in Plastic surgery and burn (Commentary).

Written exam 3hours in Surgical Anatomy and surgical Pathology + Oral exam



9- methods of evaluation of the program :

Evaluator	Method	Sample
1- Graduates	Reports Fieldvisits	#
2-ExternalEvaluator OR Examiner Graduates	Reports Field visits	#
3-Business men	Reports Field visits questionnaires	#
4-End year students	questionnaires	#
5- other methods	questionnaires	#

Coordinator of the program: prof dr /Wael Aiad



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وحدة ضمان الجودة



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