

## Faculty of Oral & Dental Medicine

### Implantology

#### Information :

**Course Code :** OMF 541

**Level :** Undergraduate

**Course Hours :** 2.00- Hours

**Department :** Faculty of Oral & Dental Medicine

#### Instructor Information :

Title	Name	Office hours
Professor	Nelly Ibrahim Hammouda Ibrahim	5
Lecturer	Doaa Ahmed Fouad Ahmed Hamed	

#### Area Of Study :

- To educate the students about the basics of surgical, biological, prosthetic and periodontal considerations that should be followed during implantation.
- To familiarize the student with different recent treatment modalities of varying difficulties.
- To enable students to detect the causes of implant failure and their management.
- To educate students about the care and maintenance aspect of the implant.

#### Course outcomes :

##### **a. Knowledge and Understanding: :**

1 -	Relate the basics of diagnosis with the treatment planning of the badly broken and/or missing teeth for implantation.
2 -	Recognize the biological and periodontal aspects of the implant
3 -	Identify the principles and types of luting cements

##### **b. Intellectual Skills: :**

1 -	Manage unrestorable and/or missing teeth
2 -	Apply the protective measures during the steps of implant preparation in order to fulfill biological and periodontal considerations
3 -	Assess properly the implant success and failure

##### **c. Professional and Practical Skills: :**

1 -	Practice the steps of implantation
2 -	Perform properly the steps of implantation taking into consideration the biological and periodontal aspects
3 -	Perform properly the different steps of prosthetic procedures .

##### **d. General and Transferable Skills: :**

1 -	Patient Doctor relationship
2 -	Demonstrate respect to all patients irrespective to their socioeconomic levels, cultures or religious beliefs

3 -	Provide appropriate basic patient education
4 -	Health-safety-infection control:
5 -	Implement infection control policies
6 -	Life-long learning
7 -	Recognize of the value and role of life long learning, self assessment, and critical thinking in maintaining competency.
8 -	Evaluate personal progress and be able to assess ones weakness and strengths.
9 -	ethical behavior and professionalism
10 -	Have an awareness of moral and ethical responsibilities involved in the provision of care to individual patients and community.
11 -	Have integrity, honesty and trustworthiness
12 -	Meet patients needs and expectations
13 -	Treat the patient as a person not as a disease
14 -	maintain a professional image in manner, dress, speech, and interpersonal relationship that is consistent with the health care international standards.
15 -	Skills related to social and community context of health care
16 -	Recognize the Egyptian healthcare system and the community based resources and services available and to able to utilized them to provide high quality care to the patient and to the community.
17 -	Understand epidemiological techniques used to determine social, behavioral, environmental, and economic influences on oral and dental health
18 -	Share actively in heath promotion and disease prevention program that benefit the community

#### **Course Topic And Contents :**

<b>Topic</b>	<b>No. of hours</b>	<b>Lecture</b>	<b>Tutorial / Practical</b>
Theory of Osseointegration	4		
Armamentarium and Types of implants	4		
Surgical Techniques	4		
Diagnosis of Peri-implant mucositis & Peri-implant implantitis	4		
Treatment of Peri-implant mucositis & Peri-implant implantitis	4		
Principles of implant location; prosthetic & anatomical considerations	4		
Prosthetic template; construction & uses	4		
Types of impression techniques in prosthetic implant dentistry	4		
Planning and follow up	4		
Radiographic assessment and 3D evaluation	4		

#### **Teaching And Learning Methodologies :**

Lectures
Lectures with discussion
Panel of experts
Brain storming

Class discussion

Small Group discussion

Case studies

Worksheets / surveys

Guest speaker

Demonstrations

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid Term Examination	20.00	7	assess knowledge and understanding.
2nd Mid Term Examination	20.00		assess knowledge and understanding.
Final Written Examination	50.00		
Others (assignment)	10.00		assess knowledge and understanding