

1	Course title	Oral and Maxillofacial Surgery III; third year residency
2	Course number	1301703
3	Credit hours (theory, practical)	12 (2 Theory, 10 clinical)
	Contact hours (theory, practical)	
4	Prerequisites/corequisites	Oral and Maxillofacial Surgery III
5	Program title	Higher Specialization in Oral and Maxillofacial Surgery
6	Program code	NA
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of dentistry
9	Department	Department of Oral Surgery, Oral Medicine and Periodontology
10	Level of course	Postgraduate
11	Year of study and semester (s)	Third year
12	Final Qualification	Higher Specialization in Oral and Maxillofacial Surgery (CCST)
13	Other department (s) involved in teaching the course	Faculty of Medicine
14	Language of Instruction	English
15	Date of production/revision	Dec. 2018

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr Mohammad Al-Shayyab (MS). email: mshayyab@hotmail.com, Office phone number:23552

Office hours: 9-11am

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

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Prof. Hazem Al Ahmad (HA), Email: halahmad@hotmail.com, Office phone number:23552

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Dr Mohammad Al-Shayyab (MS). Email: mshayyab@hotmail.com, Office phone number:23552

18. Course Description:

Third year OMFS residency course covers various OMFS trauma (Mandibular, Maxillary, Zygomatic, etc.). In addition, to dental implantology, salivary gland pathology, as well as TMJ disorders and management. Also,

included during this year, a 2-month rotation in orthopaedics, 1 month in the radiology department and seminars in biostatistics (organized by the Faculty of Medicine). Third year residents are on an on-call rota (1 in 3), during their on-call covering ER and inpatients.

19. Course aims and outcomes:

A- Aims:

The aims of this course are to provide third year residents with the necessary training and knowledge in the principles and practice of osteosynthesis and osseointegration, as well as diseases of the TMJ.

B- Intended Learning Outcomes (ILOs):

1. Knowledge and understanding:

- I. Of the scope and practice of OMFS, and governance protocols adopted by JUH
- II. Of the role of OMFS resident in the A&E department; triaging cases, admission, referral and admission.
- III. Of the anatomy of the head and neck, and its relevance to the clinical practice of oral and maxillofacial surgery.
- IV. Of the principles and practice of osseointegration
- V. Of the epidemiology, aetiology, classification and management of OMF trauma.
- VI. Of TMJ disorders; etiology, classifications, medical management and common surgeries. VII. Of Salivary Gland anatomy, pathologies, surgeries.

2. Intellectual skills:

- I. Ability to present interesting cases in clinic-pathological conferences
- II. Ability to critically review literature
- III. Ability to conduct clinical audits and present them in scientific meetings
- IV. Ability to make decisions in the cases of an emergency that emphasize patient safety as a priority.
- V. Ability to gather enough data to reach a diagnosis, based on integrating information from the history, clinical examination and radiography

3. Subject specific skills:

- I. The provision of emergency treatment for OMFS patients and functioning as part of the trauma team
- II. The overall management of OMFS patients on the ward.
- III. Utilizing diagnostic aids available to the OMFS to make decisions on treatment.
- IV. The practice of dental implants and implant related surgeries.
- V. Management of acute trauma patients and providing definite management of OMFS trauma cases
- VI. The diagnoses of Salivary Gland diseases and the principles of surgical management

4. Transferable skills:

- I. To exert ability in communicating with peers, staff and patients.
- II. To raise comments on side effects and complications of treatments, and be able to present them in meetings and give possible solutions to prevent recurrence

20. Topic Outline and Schedule:

Title of Lecture	Subtitles

Implant dentistry I:	<ul style="list-style-type: none"> - Osseointegration - Bone biology - Principle of dental implant surgery
Implant dentistry II:	<ul style="list-style-type: none"> - Implants in the aesthetic zone - Bone substitutes - Advances in bone regeneration
Implant dentistry III:	Atrophic jaws
Advances in OMF Radiology	<ul style="list-style-type: none"> - Plain radiography to the OMFS - CBCT/CT - MRI - US
Oral & Maxillofacial trauma I:	<ul style="list-style-type: none"> - Aetiology and epidemiology - Assessment and immediate management - Principles of osteosynthesis
Oral & Maxillofacial trauma II:	<ul style="list-style-type: none"> - Soft tissue injuries: - Abrasions, contusions and lacerations - - Dentoalveolar injuries: - History & examination - Classification & Treatment
Oral & Maxillofacial trauma III (mandible):	<ul style="list-style-type: none"> - Classification and causes - Signs and symptoms - Examination and radiological evaluation - Principles of osteosynthesis
Oral & Maxillofacial trauma IV (mandible):	<ul style="list-style-type: none"> - Condylar fractures - Classification and causes - Signs and symptoms - Examination and radiological evaluation - Principles of treatment

Oral & Maxillofacial trauma V (facial fractures):	<ul style="list-style-type: none"> - Maxillary fractures - Zygomatic complex fractures - Nasoethmoidal fractures - Classification - Assessment - Treatment 	
Oral & Maxillofacial trauma VI (facial fractures):	<ul style="list-style-type: none"> - Orbital fractures - Classification - Assessment - Treatment 	
Salivary Glands diseases I:	<ul style="list-style-type: none"> - Diagnostic modalities - Infections - Obstructive salivary gland diseases - Mucous retention and extravasation cysts - Other salivary gland diseases 	
Salivary Glands diseases II:	<ul style="list-style-type: none"> - Benign salivary gland tumours - Malignant salivary gland tumours - Management 	
Management of TMJ disorders I:	<ul style="list-style-type: none"> - Evaluation - Classification of TMJ disorders - Reversible treatment 	
Management of TMJ disorders II:	<ul style="list-style-type: none"> - TMJ arthrocentesis and arthroscopy - TMJ ankylosis 	

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

1. Lectures/seminars: 14 one hour lecture/seminar
2. Teaching ward rounds
3. Supervision of dental surgery student clinic (Optional)
4. Consultation clinics, operating theatres and the emergency room
5. Courses and workshop

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

1. Bimonthly assessment based on direct observation
2. Final written exam
3. Final clinical exam
4. Final oral exam

23. Course Policies:

A- Attendance policies: daily attendance is mandatory, and so is the on-call cover. This is monitored by the hospital administration, as it is a requirement in the contract. Residents are allowed annual leave.

B- Absences from exams and handing in assignments on time: make up exam is allowed if an acceptable leave of absence is presented in appropriate time

C- Health and safety procedures: hospital policies are in place.

D- Honesty policy regarding cheating, plagiarism, misbehaviour: misconduct procedures are in place abiding by University bylaws and regulations E- Grading policy:

Grades are converted to a grading system based on A, A-, B+, B, B-, C+. Anything below that is fail.

F- Available university services that support achievement in the course:

- Medical and main libraries
- Postgraduate reading room with internet access
- Access to e journal and books

24. Required equipment:

All necessary equipment for the clinical training are provided by the Hospital.

25. References:

A- Recommended books, materials, journals and media:

- Atlas of Temporomandibular Joint Surgery . By: Peter D. Quinn, Eric J. Granquist . 2nd edition (2015). Wiley-Blackwell
- Atlas of Operative Oral and Maxillofacial Surgery. By: Christopher J. Haggerty, Robert M. Laughlin. 1st edition (2015). Wiley-Blackwell
- Oral and Maxillofacial Trauma. By: Raymond J. Fonseca , H. Dexter Barber, Michael P. Powers, David E. Frost. 4th edition (2012). Saunders
- On-call in Oral and Maxillofacial Surgery Paperback. By Karl F. B. Payne, Alexander M. C. Goodson, Arpan S. Tahim. 1st edition (2014). Libri publishing
- The British journal of oral & maxillofacial surgery
- Journal of oral and maxillofacial Surgery
- Oral surgery, oral medicine, oral pathology and oral radiology
- The international journal of oral and maxillofacial Surgery □ Oral and maxillofacial surgery clinics of North America

26. Additional information:

This is a full time course with on-call duties, completion of this program allows the graduate to set for the exist examinations of the specialty organized by the Jordan Medical Council.

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:
 Head of Department
 Assistant Dean for Quality Assurance
 Course File

Annex 1

Orthopedic Surgery

General Description

This rotation of eight weeks is intended to allow OMFS resident's exposure to outpatient and surgical aspects of orthopedics as a specialty. Total care of the orthopedic patients; children and adults, represents the focal point of this rotation.

Course Objectives

To provide residents with knowledge, skill and understanding in the following areas:

- The scope of practice of this surgical specialty.
- The principles of reduction, fixation and stabilization.
- The principles of care for trauma victims and musculoskeletal injuries
- The principles of theatre protocols in orthopaedic surgery □ The principles of rehabilitation

Teaching methods

- Lectures/seminars
- Observation in operating theatre and intensive care unit

Assessment:

- Direct observation □ Final written exam