



LAHORE
MEDICAL & DENTAL
COLLEGE

COLLEGE OF DENTISTRY
ORAL & MAXILLOFACIAL SURGERY

STUDY GUIDE
FINAL YEAR BDS 2024

OBJECTIVES OF THE STUDY GUIDE

This study guide is designed to facilitate the students of final year BDS in the subject of oral and maxillofacial surgery, during the year 2024. It is a complete description of the annual academic and clinical activities.

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INTRODUCTION:

Oral and Maxillofacial Surgery (OMFS) is the specialty of Dentistry that encompasses the art and science of the diagnosis and surgical management of diseases, injuries, and defects of the Oral and Maxillofacial region.

The OMFS curriculum is planned to train the students of final year BDS to be able to provide clinical services of Oral Surgery particularly of exodontia, in the practice of general dentistry. Lectures have been integrated with departments of operative dentistry, orthodontics and prosthodontics. It is also designed to develop instinct to become a lifelong learner and to take active part in Continual Dental Education (CDE).

The Department of Oral & Maxillofacial Surgery is based at Lahore Medical & Dental College (LMDC) and Ghurki Trust Teaching Hospital (GTTH), Lahore. There are 27 dental units in the department. Seven dental units are reserved for the open surgical procedures. The OMFS Unit at GTTH has 20 beds. Major surgeries under general anesthesia are performed at GTTH.

SCOPE & SEQUENCE:

Training in OMFS starts in 3rd year of BDS. Lectures / group discussions are being held once in a week with 8 weeks of clinical rotation of each batch in 3rd year. The students are taught how to administer local anesthesia and perform simple extraction of teeth. Principles of complicated exodontia and surgical oral & maxillofacial pathology course is integrated with the oral pathology curriculum in lectures.

During the 4th year of BDS, two lectures will be delivered weekly. Students will complete 10 weeks of clinical duties in the OMFS department and will accomplish their clinical requirements. Final year academic course is integrated with other dental specialties like Oral Pathology, Oral Medicine, Orthodontics, Prosthodontics, Operative dentistry and Periodontics.

CONTRIBUTIONS:

Course Director

Prof. Aqib Sohail

BDS, FCPS (Pak) FCPS (Bd), MOMSRCPS (UK) MHPE (UHS)
Principal & head of the Department

Contributors

Dr. Nighat Zahid

BDS, FCPS

Associate Professor

Dr. Tayyaba Rafiq

BDS, FCPS

Assistant professor

Dr. Fareed Chishti

BDS, FCPS

Assistant Professor

Co contributors

Dr. Sadia Gull

BDS, FCPS residency completed

Demonstrator

Dr. Sharjeel Siddiqui

BDS, FCPS residency completed

Demonstrator

Dr. Zoya Aslam

BDS, FCPS resident

Demonstrator

ACADEMIC SESSION 2024

The academic session will commence in the 2nd week of April 2024. It will be expanded on 36-38 weeks, with a cumulative of approximately 300 study hours.

Two lectures will be conducted in a week, by the senior faculty members. Each module will comprise of classroom teaching, hands on exercises, PBL sessions, test and small group discussions.

Remedial sessions will be conducted for the quick review of the module, where the facilitator will answer the questions of the students, and discuss their academic performance. Written feedbacks after each test will be taken from the students.

A monthly audit report is generated based on the attendance and test performance. Students are called for discussion and guided to improve their performance. A PTC will be called for the shortlisted students, for further discussion and counselling.

The course of oral surgery is integrated with other specialties as oral pathology, orthodontics, prosthodontics, operative dentistry and forensic odontology.

Revision classes will be conducted at the end of the academic session. Students will be given ample time for preparation before the sendup examination and the final professional examination.

The academic timetable of the session 2024 is as follows,

Day	8:00-9:00am	9:00-10:00am	10:00- 10:15am	10:15am - 12:30pm	12:30pm- 3:00pm	
MON	Operative Dentistry Lecture hall 6	Prosthodontics Lecture hall 6	BREAK	CLINICAL TRAINING	CLINICAL TRAINING	
TUE	Orthodontics Lecture hall 6	Oral surgery Lecture hall 6		CLINICAL TRAINING	CLINICAL TRAINING	
WED	Prosthodontics Lecture hall 6	Operative Dentistry Lecture hall 6		CLINICAL TRAINING	CLINICAL TRAINING	
THU	Oral surgery Lecture hall 6	9:00-9:45 am	9:45-10:30 am	10:30-10:45 am	10:45-12:30 am	CLINICAL TRAINING
		Operative Dentistry Lect. hall 6	Pedodontics Lecture hall 6	BREAK	CLINICAL TRAINING	
FRI	Orthodontics Lecture hall 6	9:00-9:45 am	9:45-10:00 am	10:00-11:30 am	11:30am-1:00 pm	
		Orthodontics Lecture hall 6	BREAK	CLINICAL TRAINING	CLINICAL TRAINING	

COURSE OUTLINE

Module 1: ORAL & MAXILLOFACIAL TRAUMA

Course Director: Prof. Aqib Sohail

- Lectures will be delivered on the introduction and history taking in maxillofacial trauma, basic life support/advanced trauma life support, interpretation of radiographs, review of anatomy; classification and management of fractures of mandible, condyle, maxilla, zygomatico maxillary complex and dento-alveolar trauma (C2, C3)
- Hands on exercises will be conducted on maxillomandibular fixation, IV access, cardiopulmonary resuscitation, intubation techniques, suturing, dental splinting and surgical airway management on models (P2)
- The module will be completed with lectures, hand on exercises, skills lab activity, PBL sessions, 2 class tests, and test discussions.

Module 2: ORAL AND MAXILLOFACIAL SURGICAL PATHOLOGY

Course Director: Prof. Aqib Sohail

- Lectures will be conducted on the introduction of surgical pathology, principles of biopsy, diagnosis and management of odontogenic cysts/tumors, salivary gland disorders, TMJ disorders, pathologies of maxillary antrum, facial pain, premalignant and malignant lesions, principles of management of odontogenic infections and spread of infections in the fascial spaces.
- Hands on exercise will be conducted on biopsy technique and sampling procedure.
- The module will comprise of lectures, exercise, PBL session, 2 written tests, and discussions.

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Module 3: PRINCIPLES OF SURGERY

Course Director: Dr. Tayyaba Rafiq

- Major content of this module is covered in the 3rd year academic/clinical sessions.
- Review lectures will be taken on local anesthesia and exodontia.
- In final year the entire class will be divided in groups, and critical review of literature will be presented by the students, in the scheduled lectures.
- Students will present on the management of medically compromised patients, management of medical/dental emergencies on dental chair, principles of oral surgery, incisions, flap design and suturing, management of hospitalized patients, dental practice guidelines/dental ethics, and recent advances in oral surgery.
- These group presentations will be assessed by the faculty, guests and peers.
- The best presentation and the best presenter will be awarded.

Module 4: SURGICAL AIDS TO DENTAL SPECIALTIES

Course Director: Dr. Nighat Zahid

- Lectures will be conducted on indications and details of various surgical procedures included in preprosthetic surgery, surgical orthodontics, endodontic surgery and dental implants.
- This module will have conventional lectures, video demonstrations, PBL session, 1 test and a test discussion

Module 5: DENTOFACIAL DEFORMITIES

Course Director: Dr Fareed Chishti

- Different surgical procedures for the management of dentofacial deformities will be discussed.
- Orthognathic surgery for maxillary/mandibular deformities, classification and sequale of management of cleft lip and palate, reconstruction for maxillofacial defects and facial esthetic surgery will be covered under this module.
- Lectures, video demonstrations, PBL session, 1 class test and a test discussion.

Other lectures will include;

- **General anesthesia and sedation**
- **Integrated lectures by department of forensic Medicine & toxicology**
- **Revision classes**
- **Annual quiz competition**

Sendup examination will be held in the month of January-February 2025

TEACHING/LEARNING METHODOLOGY:

The modes of information transfer will include

- **Classroom teaching**
- **Hands on exercises**
- **Video demonstrations**
- **Small group discussions**
- **Group presentations**
- **PBL sessions**
- **Written test & test discussions**
- **Remedial sessions**
- **Annual quiz competitions**

LEARNING RESOURCES:

1. Contemporary Oral & Maxillofacial Surgery (7th Ed) James R. Hupp, Myron R. Tucker
2. Killey's Fractures of Mandible (4th Ed) Peter Banks, Homer Charles Killey
3. Killey's Fractures of the middle third of the facial skeleton Homer Charles Killey, Peter Banks
4. Handbook of Oral & Maxillofacial trauma Prof. Aqib Sohail

REFERENCE BOOKS:

1. Peterson's Principles of Oral and Maxillofacial Surgery (3rd Ed, 2013)
Michael Miloro, G. E. Ghali, Peter E. Larsen, Peter D. Waite
2. Maxillofacial Surgery (2nd Ed, 2007)
Peter W. Booth, Stephen A. Schendel, Jarg-Erich Hausamen
3. Operative Oral and Maxillofacial Surgery (2nd Ed, 2009)
John Langdon, Mohan Patel, Robert Ord, Peter Brennan

Annual academic calendar 2024/2025

Date	Topic	Facilitator	Venue
15-04-2024	ORIENTATION OF FINAL YEAR BDS CLINICAL BATCH	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
16-04-2024	ORIENTATION OF OMFS CURRICULUM	PROF. AQIB SOHAIL	Lecture hall 6
	INFECTION CONTROL & STERILIZATION	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
17-04-2024	EVALUATION & TREATMENT PLANING OF TRAUMA PATIENT	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
Module 1: ORAL & MAXILLOFACIAL TRAUMA			
18-04-2024	INTRODUCTION TO MAXILLOFACIAL TRAUMA	PROF. AQIB SOHAIL	Lecture hall 6
	EXAMINATION OF TMJ AND MUSCLES OF MASTICATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
19-04-2024	ARMAMENTARIUM USED IN EXODONTIA	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
22-04-2024	ERGONOMICS	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
23-04-2024	EXERCISE; AWARENESS OF ARMAMENTARIUM, INTERPRETATION OF RADIOGRAPHS, GENERAL ASSESSMENT OF TRAUMA PATIENT	PROF. AQIB SOHAIL DR. NIGHAT ZAHID DR. TAYYABA RAFIQ DR. FAREED CHISHTI DR. SHARJEEL SIDDIQUI DR. SADIA GULL DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
	LYMPH NODE ASSESSMENT AND INTERPRETATION	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
24-04-2024	POST OPERATIVE CARE		Department of Oral & Maxillofacial surgery
25-04-2024	BLS/ATLS	DR. FAREED CHISHTI	Lecture hall 6
	SALIVARY GLAND EXAMINATION, ASSESSMENT AND INTERPRETATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
29-04-2024	LOCAL ANESTHESIA TECHNIQUE	DR. SHARJEEL SIDDIQUI	Department of Oral & Maxillofacial surgery
30-04-2024	EXERCISE; BLS/ATLS	PROF. AQIB SOHAIL DR. NIGHAT ZAHID DR. TAYYABA RAFIQ DR. FAREED CHISHTI DR. SHARJEEL SIDDIQUI DR. SADIA GULL DR. ZOYA ASLAM	Skills Lab
	PREVENTION AND MANAGEMENT OF LA COMPLICATIONS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery

02-05-2024	MANDIBLE FRACTURES & MANAGEMENT	DR. NIGHAT ZAHID	Lecture hall 6
	NEEDLE STICK INJURY	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
07-05-2024	CLASS TEST (INTRODUCTION TO TRAUMA, BLS/ATLS, MANDIBLE & CONDYLAR FRACTURE)	PROF. AQIB SOHAIL	Lecture hall 6
	PEDIATRIC PATIENT MANAGEMENT (LA/SEDATION AND EXODONTIA)	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
08-05-2024	EXODONTIA (PRINCIPLES & TECHNIQUES)	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
09-05-2024	CONDYLAR FRACTURES & MANAGEMENT	PROF. AQIB SOHAIL	Lecture hall 6
	INTRA AND POST OPERATIVE COMPLICATIONS OF EXODONTIA AND THEIR MANAGEMENT	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
14-05-2024	EXERCISE; MANDIBLE FRACTURES	PROF. AQIB SOHAIL DR. NIGHAT ZAHID DR. TAYYABA RAFIQ DR. FAREED CHISHTI DR. SHARJEEL SIDDIQUI DR. SADIA GULL DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
	ROLE OF ANTIBIOTICS IN EXODONTIA AND RATIONALE FOR PROPHYLAXIS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
16-05-2024	ZYGOMATIC FRACTURES & MANAGEMENT	PROF. AQIB SOHAIL	Lecture hall 6
	ASSESSMENT OF IMPACTED THIRD MOLAR & GUIDELINES FOR EXTRACTION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
17-05-2024	PRINCIPLES OF SUTURING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
21-05-2024	DENTO-ALVEOLAR TRAUMA	DR. TAYYABA RAFIQ	Lecture hall 6
	MEDICAL EMERGENCY IN DENTAL OFFICE; CHEST PAIN & CPR GUIDELINES	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
23-05-2024	MAXILLARY FRACTURES & MANAGEMENT	DR. NIGHAT ZAHID	Lecture hall 6
	MANAGEMENT OF PATIENT WITH CARDIAC, HEPATIC & RENAL DISORDERS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
24-05-2024	FLAP DESIGNS	DR. ALI AMMMAR	Department of Oral & Maxillofacial surgery
28-05-2024	EXERCISE; ZYGOMATIC & MAXILLARY FRACTURES	PROF. AQIB SOHAIL DR. NIGHAT ZAHID DR. TAYYABA RAFIQ DR. FAREED CHISHTI DR. SHARJEEL SIDDIQUI	Department of Oral & Maxillofacial surgery

		DR. SADIA GULL DR. ZOYA ASLAM	
	PRINCIPLES OF SUTURING, FLAP DESIGNS. WOUND & RESIDUAL SOCKET HEALING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
29-05-2024	BIOPSY	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
30-05-2024	PBL	PROF. AQIB SOHAIL	Lecture hall 6
	MANAGEMENT OF PATIENTS WITH HEMATOLOGICAL DISORDERS, ACQUIRED (ANTICOAGULANTS), ANEMIA, HEMOPHILIA	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
03-06-2024	RECORD MAINTENANCE & REFERRAL LETTERS		Department of Oral & Maxillofacial surgery
04-06-2024	CLASS TEST (DENTO-ALVEOLAR TRAUMA, ZYGOMATIC FRACTURES & MANAGEMENT, MAXILLARY FRACTURES & MANAGEMENT)	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
	MANAGEMENT OF PATIENTS WITH ENDOCRINE (THYROID/DIABETES), RESPIRATORY DISORDERS, ADRENAL INSUFFICIENCY/PATIENTS ON STEROID THERAPY	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
05-06-2024	INTERMAXILLARY FIXATION	DR. ALI AMMAR	Department of Oral & Maxillofacial surgery
Module 2: SURGICAL ORAL & MAXILLOFACIAL PATHOLOGY			
06-06-2024	TEST DISCUSSION	PROF. AQIB SOHAIL	Lecture hall 6
	DENTAL ERGONOMICS & SIGNIFICANCE OF MEDICAL EMERGENCY KIT	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
11-06-2024	PRINCIPLES OF DIFFERENTIAL DIAGNOSIS/BIOPSY	PROF. AQIB SOHAIL	Lecture hall 6
	ROLE OF CONSENT, MEDICOLEGAL & ETHICAL ISSUES, MANAGEMENT OF HOSPITALIZED PATIENTS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
13-06-2024	QUICK REVIEW OF ODONTOGENIC CYST/TUMORS	PROF. SAADIA IQBAL	Lecture hall 6
	MANAGEMENT OF ROOT FRACTURES AND ITS DISPLACEMENT INTO POTENTIAL SPACES	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
02-07-2024	DIAGNOSIS & MANAGEMENT OF ODOTOGENIC CYST/TUMORS	PROF. AQIB SOHAIL	Lecture hall 6
	REGIONAL AND FIELD BLOCKS FOR LA	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
04-07-2024	DIAGNOSIS & MANAGEMENT OF SALIVARY GLAND DISORDERS	DR. FAREED CHISHTI	Lecture hall 6
	DENTOALVEOLAR TRAUMA	DR FAREED CHISHTI	Department of Oral & Maxillofacial surgery
	ORIENTATION OF FINAL YEAR BDS	PROF. AQIB SOHAIL	Department of Oral &

	CLINICAL BATCH		Maxillofacial surgery
08-07-2024	MANAGEMENT OF NSI & ROLE OF DISINFECTANTS AND ANTISEPTICS IN CROSS INFECTION CONTROL	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
09-07-2024	DIAGNOSIS & MANAGEMENT OF SALIVARY GLAND DISORDERS	DR. FAREED CHISHTI	Lecture hall 6
	INFECTION CONTROL & STERILIZATION	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
10-07-2024	EVALUATION & TREATMENT PLANING OF TRAUMA PATIENT	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
11-07-2024	PRINCIPLES OF MANAGEMENT/PREVENTION OF ODONTOGENIC INFECTIONS	PROF. AQIB SOHAIL	Lecture hall 6
	EXAMINATION OF TMJ AND MUSCLES OF MASTICATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
	ERGONOMICS	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
12-07-2024	ARMAMENTARIUM USED IN EXODONTIA	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
18-07-2024	COMPLEX ODONTOGENIC INFECTIONS	PROF. AQIB SOHAIL	Lecture hall 6
	LOCAL ANESTHESIA TECHNIQUE	DR. SHARJEEL SIDDIQUI	Department of Oral & Maxillofacial surgery
	LYMPH NODE ASSESSMENT AND INTERPRETATION	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
22-07-2024	EXODONTIA (PRINCIPLES & TECHNIQUES)	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
23-07-2024	FACIAL NEUROPATHY	DR. NIGHAT ZAHID	Lecture hall 6
	IANB, VAZIRANI AKINOSI & GOW GATES, MENTAL & INFRAORBITAL NERVE BLOCK TECHNIQUES	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
24-07-2024	POST OPERATIVE CARE		Department of Oral & Maxillofacial surgery
25-07-2024	PREMALIGNANT ORAL LESION/ MALIGNANT ORAL LESIONS	DR. NIGHAT ZAHID	Lecture hall 6
	SALIVARY GLAND EXAMINATION, ASSESSMENT AND INTERPRETATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
29-07-2024	NEEDLE STICK INJURY	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
30-07-2024	MANAGEMENT OF PATIENTS UNDERGOING CHEMO/RADIOTHERAPY	DR. NIGHAT ZAHID	Lecture hall 6
	PREVENTION AND MANAGEMENT OF LA COMPLICATIONS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
01-08-2024	PBL	PROF. AQIB SOHAIL	Lecture hall 6
	PEDIATRIC PATIENT MANAGEMENT (LA/SEDATION AND EXODONTIA)	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
06-08-2024	GRAND TEST (ODONTOGENIC CYST/TUMORS, BIOPSY, FACIAL NEUROPATHY, SALIVARY GLAND	PROF. AQIB SOHAIL	Lecture hall 6

	DISORDERS, ODONTOGENIC INFECTIONS) + TRAUMA		
	INTRA AND POST OPERATIVE COMPLICATIONS OF EXODONTIA AND THEIR MANAGEMENT	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
08-08-2024	DIAGNOSIS & MANAGEMENT OF TMJ DISORDERS	DR. FAREED CHISHTI	Lecture hall 6
	PRINCIPLES OF SUTURING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
13-08-2024	DIAGNOSIS & MANAGEMENT OF TMJ DISORDERS	DR. FAREED CHISHTI	Lecture hall 6
	ROLE OF ANTIBIOTICS IN EXODONTIA AND RATIONALE FOR PROPHYLAXIS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
15-08-2024	MAXILLARY SINUS PATHOLOGY	PROF. AQIB SOHAIL	Lecture hall 6
	ASSESSMENT OF IMPACTED THIRD MOLAR & GUIDELINES FOR EXTRACTION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
20-08-2024	PBL	PROF. AQIB SOHAIL	Lecture hall 6
	MEDICAL EMERGENCY IN DENTAL OFFICE; CHEST PAIN & CPR GUIDELINES	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
21-08-2024	FLAP DESIGNS	DR. ALI AMMMAR	Department of Oral & Maxillofacial surgery
22-08-2024	Review lectures exodontia	DR. TAYYABA RAFIQ	Lecture hall 6
	MANAGEMENT OF PATIENT WITH CARDIAC, HEPATIC & RENAL DISORDERS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
26-08-2024	BIOPSY	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
27-08-2024	Review lectures exodontia	DR. TAYYABA RAFIQ	Lecture hall 6
	MANAGEMENT OF PATIENTS WITH HEMATOLOGICAL DISORDERS, ACQUIRED (ANTICOAGULANTS), ANEMIA, HEMOPHILIA	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
29-08-2024	Review lectures exodontia	DR. TAYYABA RAFIQ	Lecture hall 6
	PRINCIPLES OF SUTURING, FLAP DESIGNS. WOUND & RESIDUAL SOCKET HEALING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
	RECORD MAINTENANCE & REFERRAL LETTERS		Department of Oral & Maxillofacial surgery
03-09-2024	CLASS TEST PRINCIPLES OF EXODONTIA	PROF. AQIB SOHAIL	Lecture hall 6
	MANAGEMENT OF PATIENTS WITH ENDOCRINE (THYROID/DIABETES), RESPIRATORY DISORDERS, ADRENAL INSUFFICIENCY/PATIENTS ON STEROID THERAPY	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
05-09-2024	Review lecture local anesthesia	DR. TAYYABA RAFIQ	Lecture hall 6
	DENTAL ERGONOMICS & SIGNIFICANCE OF MEDICAL	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery

	EMERGENCY KIT		
09-09-2024	INTERMAXILLARY FIXATION	DR. ALI AMMAR	Department of Oral & Maxillofacial surgery
10-09-2024	Review lecture local anesthesia	DR. TAYYABA RAFIQ	Lecture hall 6
	ROLE OF CONSENT, MEDICOLEGAL & ETHICAL ISSUES, MANAGEMENT OF HOSPITALIZED PATIENTS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
12-09-2024	Review lecture local anesthesia	DR. TAYYABA RAFIQ	Lecture hall 6
	MANAGEMENT OF ROOT FRACTURES AND ITS DISPLACEMENT INTO POTENTIAL SPACES	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
CRITICAL LITERATURE REVIEW, RESEARCH PAPERS'S PRESENTATION, PRINCIPLES OF SURGERY			
17-09-2024	ORIENTATION OF CRITICAL REVIEW PRESENTATIONS	PROF. AQIB SOHAIL	Lecture hall 6
	MANAGEMENT OF NSI & ROLE OF DISINFECTANTS AND ANTISEPTICS IN CROSS INFECTION CONTROL	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
19-09-2024	Submission of review synopsis	PROF. AQIB SOHAIL	Lecture hall 6
	REGIONAL AND FIELD BLOCKS FOR LA	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
23-09-2024	ORIENTATION FINAL YEAR BDS CLINICAL BATCH	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
24-09-2024	GROUP 1: MANAGEMENT OF MEDICALLY COMPROMISED PATIENTS	PROF. AQIB SOHAIL	Lecture hall 6
	INFECTION CONTROL & STERILIZATION	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
	EXAMINATION OF TMJ AND MUSCLES OF MASTICATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
25-09-2024	EVALUATION & TREATMENT PLANING OF TRAUMA PATIENT	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
26-09-2024	GROUP 2: MANAGEMENT OF MOST PREVALENT MEDICAL EMERGENCIES IN DENTAL OFFICE	PROF. AQIB SOHAIL	Lecture hall 6
	ERGONOMICS	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
	LYMPH NODE ASSESSMENT AND INTERPRETATION	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
30-09-2024	ARMAMENTARIUM USED IN EXODONTIA	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
01-10-2024	CLASS TEST (PRINCIPLES OF SURGERY/LOCAL ANESTHESIA/ EXODONTIA)	PROF. AQIB SOHAIL	Lecture hall 6
03-10-2024	GROUP 4: MANAGEMENT OF HOSPITALIZED PATIENTS & DENTAL ETHICS. GROUP 5: CAREER COUNSELLING AND BEST	PROF. AQIB SOHAIL	Lecture hall 6

	DENTAL PRACTICE GUIDELINES.		
	LOCAL ANESTHESIA TECHNIQUE	DR. SHARJEEL SIDDIQUI	Department of Oral & Maxillofacial surgery
	SALIVARY GLAND EXAMINATION, ASSESSMENT AND INTERPRETATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
04-10-2024	EXODONTIA (PRINCIPLES & TECHNIQUES)	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
08-10-2024	GROUP 3: PRINCIPLES OF ORAL SURGERY, INCISION, FLAP DESIGN, SUTURING AND ANTIBIOTICS	PROF. AQIB SOHAIL	Lecture hall 6
	IANB, VAZIRANI AKINOSI & GOW GATES, MENTAL & INFRAORBITAL NERVE BLOCK TECHNIQUES	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
10-10-2024	GROUP 6: COMPARISON OF DIFFERENT MODES OF INFORMATION TRANSFER. GROUP 7: RECENT ADVANCES IN ORAL SURGERY	PROF. AQIB SOHAIL	Lecture hall 6
	PREVENTION AND MANAGEMENT OF LA COMPLICATIONS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
14-10-2024	POST OPERATIVE CARE		Department of Oral & Maxillofacial surgery
Module 4: SURGICAL AIDS TO DENTAL SPECIALITIES			
15-10-2024	DENTAL IMPLANTS	PROF. AQIB SOHAIL	Lecture hall 6
	PEDIATRIC PATIENT MANAGEMENT (LA/SEDATION AND EXODONTIA)	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
17-10-2024	DENTAL IMPLANTS	PROF. AQIB SOHAIL	Lecture hall 6
	PRINCIPLES OF SUTURING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
21-10-2024	NEEDLE STICK INJURY	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
22-10-2024	PRE-PROSTHETIC SURGERY	DR. NIGHAT ZAHID	Lecture hall 6
	INTRA AND POST OPERATIVE COMPLICATIONS OF EXODONTIA AND THEIR MANAGEMENT	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
24-10-2024	PRE-PROSTHETIC SURGERY	DR. NIGHAT ZAHID	Lecture hall 6
	ROLE OF ANTIBIOTICS IN EXODONTIA AND RATIONALE FOR PROPHYLAXIS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
28-10-2024	FLAP DESIGNS	DR. ALI AMMMAR	Department of Oral & Maxillofacial surgery
29-10-2024	SURGICAL AIDS TO ORTHODONTICS	DR. FAREED CHISHTI	Lecture hall 6
	ASSESSMENT OF IMPACTED THIRD MOLAR & GUIDELINES FOR EXTRACTION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
31-10-2024	SURGICAL AIDS TO ENDODONTICS	DR. NIGHAT ZAHID	Lecture hall 6
	MEDICAL EMERGENCY IN DENTAL OFFICE; CHEST PAIN & CPR GUIDELINES	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery

04-11-2024	BIOPSY	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
05-11-2024	CLASS TEST (PRE-PROSTHETIC SURGERY, SURGICAL AIDS TO ENDODONTICS & ORTHODONTICS, DENTAL IMPLANTS)	PROF. AQIB SOHAIL	Lecture hall 6
	MANAGEMENT OF PATIENT WITH CARDIAC, HEPATIC & RENAL DISORDERS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
07-11-2024	PBL	PROF. AQIB SOHAIL	Lecture hall 6
	PRINCIPLES OF SUTURING, FLAP DESIGNS. WOUND & RESIDUAL SOCKET HEALING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
Module 5: DENTOFACIAL DEFORMITIES			
12-11-2024	ORTHOGNATHIC SURGERY	PROF. AQIB SOHAIL	Lecture hall 6
	MANAGEMENT OF PATIENTS WITH HEMATOLOGICAL DISORDERS, ACQUIRED (ANTICOAGULANTS), ANEMIA, HEMOPHILIA	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
14-11-2024	ORTHOGNATHIC SURGERY	PROF. AQIB SOHAIL	Lecture hall 6
	MANAGEMENT OF PATIENTS WITH ENDOCRINE (THYROID/DIABETES), RESPIRATORY DISORDERS, ADRENAL INSUFFICIENCY/PATIENTS ON STEROID THERAPY	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
18-11-2024	RECORD MAINTENANCE & REFERRAL LETTERS		Department of Oral & Maxillofacial surgery
19-11-2024	CLEFT LIP AND PALATE	DR. FAREED CHISHTI	Lecture hall 6
	DENTAL ERGONOMICS & SIGNIFICANCE OF MEDICAL EMERGENCY KIT	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
20-11-2024	INTERMAXILLARY FIXATION	DR. ALI AMMAR	Department of Oral & Maxillofacial surgery
21-11-2024	CLEFT LIP AND PALATE	DR. FAREED CHISHTI	Lecture hall 6
	ROLE OF CONSENT, MEDICOLEGAL & ETHICAL ISSUES, MANAGEMENT OF HOSPITALIZED PATIENTS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
26-11-2024	FACIAL ESTHETIC SURGERY	DR. NIGHAT ZAHID	Lecture hall 6
	MANAGEMENT OF ROOT FRACTURES AND ITS DISPLACEMENT INTO POTENTIAL SPACES	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
28-11-2024	RECONSTRUCTION	DR. FAREED CHISHTI	Lecture hall 6
	MANAGEMENT OF NSI & ROLE OF DISINFECTANTS AND ANTISEPTICS IN CROSS INFECTION CONTROL	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
03-12-2024	CLASS TEST (CLEFT LIP AND PALATE, ORTHOGNATHIC SURGERY, RECONSTRUCTION, FACIAL ESTHETICS SURGERY)	PROF. AQIB SOHAIL	Lecture hall 6
	REGIONAL AND FIELD BLOCKS FOR	PROF. AQIB SOHAIL	Department of Oral &

	LA		Maxillofacial surgery
04-12-2024	ORIENTATION OF FINAL YEAR BDS CLINICAL BATCH	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
05-12-2024	REVISION CLASS	PROF. AQIB SOHAIL	Lecture hall 6
	INFECTION CONTROL & STERILIZATION	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
06-12-2024	EVALUATION & TREATMENT PLANING OF TRAUMA PATIENT	DR. FAREED CHISHTI	Department of Oral & Maxillofacial surgery
10-12-2024	REVISION CLASS	PROF. AQIB SOHAIL	Lecture hall 6
	ERGONOMICS	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
	EXAMINATION OF TMJ AND MUSCLES OF MASTICATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
11-12-2024	ARMAMENTARIUM USED IN EXODONTIA	DR. FAISAL RAZA	Department of Oral & Maxillofacial surgery
12-12-2024	REVISION CLASS	DR. NIGHAT ZAHID	Lecture hall 6
	LOCAL ANESTHESIA TECHNIQUE	DR. SHARJEEL SIDDIQUI	Department of Oral & Maxillofacial surgery
	LYMPH NODE ASSESSMENT AND INTERPRETATION	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
16-12-2024	EXODONTIA (PRINCIPLES & TECHNIQUES)	DR. SADIA GULL	Department of Oral & Maxillofacial surgery
17-12-2024	REVISION CLASS	DR. NIGHAT ZAHID	Lecture hall 6
	SALIVARY GLAND EXAMINATION, ASSESSMENT AND INTERPRETATION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
18-12-2024	POST OPERATIVE CARE		Department of Oral & Maxillofacial surgery
19-12-2024	REVISION CLASS	DR. FAREED CHISHTI	Lecture hall 6
	IANB, VAZIRANI AKINOSI & GOW GATES, MENTAL & INFRAORBITAL NERVE BLOCK TECHNIQUES	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
20-12-2024	NEEDLE STICK INJURY	DR. ZOYA ASLAM	Department of Oral & Maxillofacial surgery
24-12-2024	REVISION CLASS	DR. FAREED CHISHTI	Lecture hall 6
	PREVENTION AND MANAGEMENT OF LA COMPLICATIONS	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
02-01-2024	ANNUAL QUIZ COMPETITION 2023	PROF. AQIB SOHAIL	Lecture hall 6
	INTRA AND POST OPERATIVE COMPLICATIONS OF EXODONTIA AND THEIR MANAGEMENT	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery
07-01-2024	ANNUAL QUIZ COMPETITION 2023	PROF. AQIB SOHAIL	Lecture hall 6
	PRINCIPLES OF SUTURING	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
	ROLE OF ANTIBIOTICS IN EXODONTIA AND RATIONALE FOR PROPHYLAXIS	DR. NIGHAT ZAHID	Department of Oral & Maxillofacial surgery
09-01-2024	ANNUAL QUIZ COMPETITION 2023	PROF. AQIB SOHAIL	Lecture hall 6
	ASSESSMENT OF IMPACTED THIRD MOLAR & GUIDELINES FOR EXTRACTION	PROF. AQIB SOHAIL	Department of Oral & Maxillofacial surgery

10-01-2024	FLAP DESIGNS	DR. ALI AMMMAR	Department of Oral & Maxillofacial surgery
14-01-2024	SEND UP EXAMINATION		

Academic Assessment Policy:

The annual academic session will consist of several monthly and quarterly assessments, at the end of each module.

- **Monthly assessment:**
 - Written assessment will be conducted every 4th week of the month
- **Midterm:**
 - Course will be decided according to the modules covered
 - Students will be assessed by theory, TOACS and viva
- **Sendup:**
 - Will be held in the month of January, 2024
 - **Theory Examination**(3 hours duration)
 - Short essay type (SEQ) & multiple choice questions (UHS pattern)
 - **Viva/Oral Examination/OSCE**
 - **Clinical / Practical Examination**

Will be conducted on the same day of viva, the pattern for the clinical exam will be the same as for the clinical test.

All results will be uploaded in the e-portal, and messaged to the students/parents.

Internal Assessment:

- Will be based upon written test, OSCE (observed / unobserved), clinical tests, open book test, presentations, and hands on exercises & assignments and no of credits.

POLICY FOR MISSED ASSESMENTS:

- Students have to prove valid reason for missed assessments.
- Students should inform the HOD prior to the date of scheduled examination.
- Course director has discretionary power to accept reason only if found reasonable

Academic Attendance Policy:

- Thumb scan and an on-paper attendance will be marked in the lecture.
- Present will be mark for those who will come sharp on time
- Arrival after 7 minutes will be considered absent
- Arrival within 7 minutes will be consider late
- 3 late arrivals will be equal to one absent
- As soon as the portal attendance will be marked and submitted, the student as well their family will be notified.

Feedback system:

Written feedbacks will be taken after each test and module completion, to judge the level of difficulty perceived by the students and to overcome the discrepancies.

Anonymous feedbacks will be discussed among the facilitators and course director, to gain maximum benefits.

MONTHLY AUDIT REPORT:

In order to achieve good academic results, the department has been actively working under the supervision of the head of department. The students and the parents are kept well informed about the individual academic performance.

- A monthly audit report is generated, and submitted to the head of department. It comprises of the detailed academic participation of the individual faculty members, total number of lectures delivered in the month, and the number of tests conducted by the department.
- The top scorers are highlighted and encouraged for the next assessments.
- The failed students are called for test discussion and guidance.

- Monthly audit report also shows the number of students having attendance less than 75%.
- All these students are called for personal hearing, counseled, warned and guided.
- Parent teacher conference is the last step before the end of session, to ensure promising results in the university examination.

CLINICAL TRAINING IN OMFS

Objectives:

The clinic of Oral and Maxillofacial Surgery is the most equipped and busiest department of Lahore Medical & Dental College. The department has been providing the dental and surgical services to the community with a well-qualified and expert faculty. Students of 3rd year and Final year BDS attend this clinic on rotation basis to accomplish their skills of oral surgery, throughout the year.

Final year BDS attend OMFS clinic every day after their morning classes, during 10 weeks of clinical rotation. They are allowed to work in the department on submission of 3rd year log book. The approximate clinical hours for each batch are as follows,

24 hrs/week x 10 = 240 hrs per 2.5 months per batch = 240 clinical hours per batch

The students are trained to administer local anesthesia and perform simple and complicated exodontia under supervision.

Students of 3rd year BDS attend clinic on 3 days during their rotation of 08 weeks. Demonstrations are given to these early birds on basic anatomy, local anesthesia, tray setup and armamentarium of exodontia, management of medically compromised patients, and management of medical emergencies on dental chairs and principles of oral surgery. Approximate clinical hours in 3rd year BDS are,

11.5hrs/weeks x 8 = 92 hrs per 2 months per batch = 92 clinical hours per batch

After these demonstrations students are thoroughly assessed by a qualifying test and viva taken by the head of department. Those who will perform well, are given a log book, and allowed to work on patients, under direct supervision.

STUDENT'S CLINIC REGULATIONS:

- Careful grooming, personal hygiene maintenance along with neat & clean appearance reflects essential traits of good surgical management
- Students are required to
 - Dress in appropriate attire when reporting to oral surgery department
 - Hair of shoulder length should be tied, pinned back and a surgical cap worn
 - Clean white lab coats with name tags should be worn
 - Strictly observe principles of a-sepsis
 - Rings and wrist watches should not be worn during procedures
 - Wearing of surgical masks, gloves, eye protection & surgical gown during examination and surgery is mandatory
 - Patients will be assigned by the clinical supervisors.
- Student are required to
 - Review the patient's medical history and dental problems
 - Record vital signs including BP and pulse
 - Perform brief head & neck and an oral examination
 - Advise required radiographs and lab investigations
 - Make a diagnosis and carve out a treatment plan
 - Obtain a signed consent form for anesthesia and procedure
 - Perform all procedures under supervision
 - Clearly state the tooth/teeth to be extracted at that time
 - Record the treatment done and sign the patient record
 - Give appropriate verbal and written instructions for post-operative care
 - Write appropriate prescription for pain control
 - Get supervisor's signature on the record
 - Used instruments should be returned to the sterilization room by the operator
 - Exercise a degree of sensitivity while observing surgical procedures. Extraneous conversations and comments regarding the surgery being performed, may accentuate an already anxious situation for the patient.

Students failing to meet the department standards will not be permitted to work in the clinic

CLINICAL QUOTA REQUIREMENT:

- Students will be allowed to work in final year clinic, only after submission of the 3rd year log book.
- If not submitted, then they will be assessed by a qualifying test and viva during the first week of clinical rotation.
- Attain both didactic and psychomotor skills in local anesthesia and exodontia
- **Perform 200 extractions during clinical rotation in the department**
- Perform at least 20-25 extractions under the supervision of a senior faculty member i.e. Assistant Professor, associate Professor and Professor
- Complete and submit their IMF, Suturing exercises during their rotation

CLINICAL ASSESSMENT POLICY:

- 02 clinical test will be conducted for each batch.
- The test will be taken as a routine drill of exodontia, and will assess the psychomotor skills achieved.
- A detailed feedback will be given to each student after the clinical test, to ensure improvement.
- Clinical assessment are an important part of internal assessment.

CLINICAL ATTENDANCE POLICY:

- Daily attendance is updated by the respective in-charge or supervisor.
- Students are directed to follow their working schedule or duty roster.
- They are not allowed to leave the department without prior information
- Repeated unexcused tardiness and absences will result in dismissal from the rotation.

UHS EXAM SCHEDULE/RULES/REGULATIONS:

- 75% attendance is the eligibility criteria

COMPONENTS OF FINAL PROFESSIONAL UNIVERSITY EXAMINATION:

- Total 200 marks

<u>COMPONENTS OF FINAL PROFESSIONAL EXAMINATION</u>	<u>MARKS</u>
Internal assessment	20 marks
Theory exam: (45/MCQ + 15/SEQ)	90 marks
Viva/oral & clinical/ practical exam	90 marks

