



STUDY GUIDE

ORAL AND MAXILLOFACIAL SURGERY

Final Year BDS 2026-27

COLLEGE OF DENTISTRY

LAHORE MEDICAL AND DENTAL COLLEGE

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 2026-27. It is a complete description of the annual academic and clinical activities.

Contents

Sr. No	Content Title	Page No
1	Objectives of study guide	2
2	Introduction	4
3	Vision of UHS/LMDC	4
4	Scope & sequence	5
5	Contributions	6
6	Competencies to achieve	7
7	Table of specification oral & maxillofacial ssurgery	7
8	Evaluation	
9	Academic activities	8
10	Academic session 2026-27	8
11	Timetable	9
12	Course outline	10
13	Teaching and learning methodology	11
14	Learning resources	12
15	Reference books	13
16	Academic calendar 2026- Study Guide	13
17	Assessment policy	14
18	Attendance policy	15-24
19	Feedback system	
20	Clinical training in OMFS	
21	Objectives	26
22	Student's clinic Regulations	27
23	Clinical quota requirements	28
	Assessment policy	28
	Attendance policy	
	Contents of clinical teaching/clinical study guide	29-39
	Specification of clinical demonstrations/SBME schedule batch-a 2026	40
	Specification of small group discussions	41
	Learing outcome	42
	Clinical skills	43
	Table of specification for exodontia/formative assessment	44
	Table of specification for exodontia/summative assessment	45-46
	Specification of Intermaxillary fixation/IMF	47
	Specification of suturing	48
	Record maintenance	49
	Patient evaluation form	50-52
	Clinical protocol	53-54
	Academic Attendance Policy	55
	Feedbacks	55
	Monthly Audit	55
	Abrevations	56

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.

VISION AND MISSION OF UHS

Qualitative and quantitative revolution in medical education and research through evolution and thereby improve health care delivery to populace.

UHS shall be innovative global center of excellence in learning and research, supporting a community of scholars and professionals committed to serving society, promoting the development of students to reach their true potential in becoming competent, ethical, caring and inquiring health professionals for the benefit of the country and the wider world

VISION OF LMDC

To be recognized for the provision of a safe and functional environment conducive to collaborative teaching & learning, comfortable working atmosphere and conducting world class research through professionalism and excellence.

SCOPE AND 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.

Students of Final Year BDS should become competent enough to perform simple and complicated exodontia. Students of Final year BDS obtain final year logbook by submitting the 3rd year logbook to complete 250 hours/10 weeks of clinical duties in the OMFS department. Students will be demonstrated on principles of exodontia and armamentarium. During rotation students will learn evaluation of patients, making the treatment plans and will perform extractions under direct supervision of clinical faculty. These activities will be considered as credits with regard to the clinical attendance, departmental presentations and attitude. Credits will also be awarded for cases observed in Outdoor, Minor oral Surgical procedures and theater. Students will attend the clinical discussion twice a week on Tuesday and Thursday with senior faculty members.

FACULTY OF ORAL & MAXILLOFACIAL SURGERY

Course Director BDS:

PROF. AQIB SOHAIL

BDS, FCPS (PAK), FCPS (BCPS), MOMSRCPS (UK), MHPE (UHS, PAK)

DEAN/PRINCIPAL (COLLEGE OF DENTISTRY)

HOD OMFS, LMDC

Clinical In-Charge Final Year BDS:

Dr. Nighat Zahid

BDS, FCPS

Professor

Incharge House Officers

Dr. Fareed Chishti

BDS, FCPS

Associate Professor

Academic/Clinical In-Charge 3rd Year BDS:

Dr. Tayyaba Rafiq

BDS, FCPS

Associate Professor

Contributors:

Dr. Sharjeel Siddiqui	BDS, FCPS Residency /IM	Demonstrator
Dr. Sadia Gull	BDS, FCPS Residency /IM	Demonstrator
Dr. Faysal Raza	BDS	Demonstrator
Dr. Ali Ammar	BDS, FCPS Residency /IM	Demonstrator
Dr. Zainab Ghaffar	BDS	Demonstrator
Dr. Zaeem	BDS	Demonstrator
Dr. Muneeba Shoiab	BDS	FCPS Resident
Dr. Natalia Ashraf	BDS	FCPS Resident
Dr. Irum Hassan	BDS	FCPS Resident
Dr. Sadia Ahmed	BDS	FCPS Resident

Dr. Muhammad Umer Waseem	BDS	FCPS Resident
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COMPETENCIES TO ACHIEVE



TABLE OF SPECIFICATION ORAL & MAXILLOFACIAL SSURGERY

Training in OMFS of 3rd year DBS

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

. Lectures / group discussions are being held once in a week with 8 weeks of clinical rotation of each batch in the OMFS Department; where students perform simple extraction of teeth after passing/clearing qualifying exodontia test.

Training in OMFS of Final year DBS

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

Students of Final Year BDS should become competent enough to perform simple and complicated exodontia. Students of Final year BDS should obtain final year logbook by submitting the 3rd year logbook; to complete 240 hours/10 weeks of clinical duties in the OMFS department.

EVALUATION

There will be class test, midterm, send-up examination, PBL sessions, presentations. Regarding clinical pre-exodontia evaluation test; including written and viva, qualifying candidates will be eligible to perform exodontia. There will be 02 clinical assessments during the clinical rotation of Final Year BDS; formative assessment followed by summative assessment. Campus internal & UHS examination marks distribution are as follows.

ASSESSMENT	TOOL	MARKS DISTRIBUTAION	TOOL	WEIGHTAGE/MARKS
SUMMATIVE	THEORY	45+45=90	MCQs/SEQs	10% (20marks)
	CLINICAL (Viva + extraction)	90	VIVA/LONG CASE	



ACADEMIC SESSION 2026-27

The academic session will commence on 11 May, 2026. 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 send-up examination and the final professional examination.

Academic Timetable of the Session 2026-27

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

ACADEMIC ACTIVITIES

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.

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: Prof. 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 sequele 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 2027

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

STUDY GUIDE/ACADEMIC SCHEDULE 2026-27
ORAL & MAXILLOFACIAL SURGERY

Final year BDS

DATE	CONTENT TO TEACH	LEARNING OBJECTIVE	FACILITATOR	MIT/VENUE	ASSESSMENT STRATEGY
12-05-26	ORIENTATION OF OMFS CURRICULUM	By the end of the session, students will be able to: Describe the scope of Oral & Maxillofacial Surgery, identify the major modules and learning outcomes, and explain the expected professional and clinical competencies for the course.	Prof. Aqib Sohail	LGD Lecture hall 6	
MODULE 1: ORAL & MAXILLOFACIAL TRAUMA					
14-05-26	INTRODUCTION TO MAXILLOFACIAL TRAUMA	Students will be able to classify maxillofacial trauma, describe the mechanisms and patterns of injury, identify life-threatening conditions, and outline the initial assessment and management priorities.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs OSCE Viva
19-05-26	MANDIBLE & CONDYLAR FRACTURES & MANAGEMENT	Students will be able to classify mandibular fractures, identify clinical and radiographic features, recognize complications, and discuss principles of conservative, CRF/IMF, ORIF managemen, and discuss complications including malocclusion and ankylosis.	Prof. Aqib Sohail	Interactive Lecture CBL Lecture hall 6	MCQs Viva Radiographic interpretation

02-06-26	DENTO-ALVEOLAR TRAUMA	Students will be able to classify dento-alveolar injuries, diagnose common traumatic dental injuries, explain emergency management, and outline principles of tooth and alveolar segment stabilization.	Dr. Fareed Chishti	LGD CBL Lecture hall 6	MCQs OSCE Viva
04-06-26	BLS/ATLS	Students will be able to describe the principles of Basic Life Support and Advanced Trauma Life Support, prioritize the primary trauma survey, and explain airway, breathing and circulation management in maxillofacial trauma	Dr. Fareed Chishti	LGD Lecture hall 6	Viva MCQs Clinical scenarios
09-06-26	EXERCISE; BLS/ATLS	Students will be able to demonstrate the basic sequence of BLS, perform systematic trauma assessment, recognize airway emergencies, and apply the ABCDE approach to a simulated trauma patient.	Prof. Aqib Sohail Dr. Tayyaba Rafiq Dr. Fareed Chishti Dr. Sharjeel Siddiqui Dr. Sadia Gull Dr. Zainab Gaffar	Simulation + Hands-on Skills Lab	MCQs OSCE DOPS Skills checklist
11-06-26	FRACTURES EVALUATION& MANAGEMENT	Students will be able to classify fractures, describe Le Fort fracture patterns, identify associated injuries, and explain principles of assessment and management.	Dr. Tayyaba Rafiq	LGD Lecture hall 6	MCQ VIVA OSCE
16-06-26	CLASS TEST (INTRODUCTION TO TRAUMA, BLS/ATLS, MANDIBLE & CONDYLAR FRACTURE)	Students will be able to integrate knowledge of trauma assessment, BLS/ATLS principles and mandibular/condylar fractures in clinical scenarios.	Prof. Aqib Sohail	Lecture hall 10	MCQs OSCE

	EXERCISE; MANDIBLE FRACTURES	Students will be able to interpret clinical and radiographic findings of mandibular fractures, formulate an initial management plan, and demonstrate appropriate clinical decision-making.	Prof. Aqib Sohail Prof. Nighat Zahid Dr. Tayyaba Rafiq Dr. Fareed Chishti Dr. Sharjeel Siddiqui Dr. Sadia Gull	SGD CBL Department OMFS	OSCE Radiographic interpretation Peer feedback
18-06-26	ZYGOMATIC FRACTURES & MANAGEMENT	Students will be able to describe the anatomy and classification of zygomatic complex fractures, identify clinical signs and complications, and explain indications and principles of surgical management.	Prof. Aqib Sohail	Interactive LGD Image Demonstration Lecture hall 6	MCQ, VIVA OSCE Radiographic interpretation Peer
23-06-26	MANDIBLE & MAXILLARY FRACTURES	Students will be able to interpret radiographic information, assess the mandibular and Le Fort fracture patterns, identify fractures on radiographs, and formulate appropriate initial management plans. Learn basic skills of IMF/ORIF	Prof. Aqib Sohail Prof. Nighat Zahid Dr. Fareed Chishti Dr. Tayyaba Rafiq Dr. Sharjeel Siddiqui Dr. Sadia Gull Dr. Zainab Ghaffar	Hand-On Exercise Simulation Department OMFS	MCQ OSCE
30-06-26	EXERCISE; ZYGOMATIC COMPLEX FRACTURES	Students will be able to identify fracture patterns from clinical and radiographic information, assess zygomatic complex fractures, and formulate appropriate initial management plans, learn skills of	Prof. Aqib Sohail Prof. Nighat Zahid Dr. Fareed Chishti Dr. Tayyaba Rafiq Dr. Sharjeel Siddiqui Dr. Sadia Gull Dr. Zainab Ghaffar	SGD/Hands-on Department of OMFS	MCQ OSCE
02-07-26	MAXILLOFACIAL TRAUMA	Students will be able to integrate history, examination and imaging findings to diagnose maxillofacial trauma and develop a prioritized multidisciplinary management plan.	Prof. Aqib Sohail	CBL Lecture hall 6	MCQs OSCE Viva

07-07-26	DENTO-ALVEOLAR TRAUMA, ZYGOMATIC FRACTURES & MANAGEMENT, MAXILLARY FRACTURES & MANAGEMENT	Students will be able to compare common midface and dento-alveolar injuries, differentiate their clinical presentations, and select appropriate investigation and management strategies. justify correct answers to clinical scenarios, and consolidate key principles of maxillofacial trauma care.	Prof. Aqib Sohail	PBL Lecture hall 6	MCQs OSCE Viva
09-07-26	REVIEW/NOE/FRONTAL SINUS/ORBITAL FRACTURES	Students will be able to identify NOE, frontal table and orbital trauma, formulate diagnosis and management.	Prof. Aqib Sohail	LGD CBL Lecture hall 6	MCQs OSCE Viva
14-07-26	CLASS TEST MAXILLARY, ZYGOMATIC,NOE,FRONTAL SINUS, ORBITAL FRACTURES	Students will be able to integrate knowledge of trauma assessment of maxillary, zygomatic,NOE,frontal sinus, orbital fractures	Prof. Aqib Sohail	Lecture hall 10	MCQs
SUMMER BREAK 16-07-26 to 30-07-26					
MODULE 2: SURGICAL ORAL & MAXILLOFACIAL PATHOLOGY					
04-08-26	PRINCIPLES OF DIFFERENTIAL DIAGNOSIS/BIOPSY	Students will be able to construct a differential diagnosis for oral and maxillofacial lesions, identify indications for biopsy, distinguish major biopsy techniques, and explain principles of specimen handling.	Prof. Nighat Zahid	LGD CBL Lecture hall 6	MCQ VIVA OSCE
06-08-26	REVIEW OF ODONTOGENIC CYST/TUMORS	Students will be able to classify common odontogenic cysts and tumors, identify their characteristic clinical and radiographic features, and differentiate common lesions.	Prof. Saadia Iqbal	LGD Lecture hall 6	MCQ VIVA OSCE

11-08-26	DIAGNOSIS & MANAGEMENT OF ODOTOGENIC CYST/TUMORS	Students will be able to interpret clinical and radiographic findings, establish a provisional diagnosis, and discuss appropriate surgical and non-surgical management of common odontogenic lesions.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQ VIVA OSCE
13-08-26	FACIAL NEUROPATHY	Students will be able to describe the relevant sensory and motor nerves, classify common facial neuropathies, identify clinical patterns, and outline appropriate investigation and referral.	Prof. Nighat Zahid	LGD Lecture hall 6	MCQ VIVA OSCE
18-08-26	TEST: PRINCIPLES OF DIFFERENTIAL DIAGNOSIS/BIOPSY ,ODONTOGENIC CYST/TUMORS FACIAL NEUROPATHY	Students will be able to integrate knowledge of differential diagnosis/biopsy,odontogenic cyst/tumors,facial neuropathy and identify appropriate surgical and non-surgical management of common odontogenic lesions.	Prof. Aqib Sohail	Lecture hall 10	MCQ
20-08-26	HEADACHES	Students will be able to classify common headache disorders, distinguish primary from secondary headaches, recognize red-flag features, and identify when dental/maxillofacial referral is indicated.	Prof. Nighat Zahid	LGD Lecture hall 6	MCQ VIVA OSCE
25-08-26 27-08-26	DIAGNOSIS & MANAGEMENT OF TMJ DISORDERS	Students will be able to describe common temporomandibular disorders: Internal dearrangements, perform appropriate clinical assessment, interpret relevant investigations, and outline conservative and surgical management options.	Prof. Nighat Zahid	LGD CBL Lecture hall 6	MCQ VIVA OSCE
01-09-26	DIAGNOSIS & MANAGEMENT OF SALIVARY GLAND DISORDERS	Students will be able to classify common salivary gland disorders, identify their clinical presentations, select appropriate investigations, and explain principles of management.	Dr. Fareed Chishti	LGD Lecture hall 6	MCQ VIVA
03-09-26	PRINCIPLES OF MANAGEMENT/PR EVENTION OF ODOTOGENIC INFECTIONS	Students will be able to explain the routes of spread of odontogenic infection, identify risk factors, and formulate principles for prevention,	Prof. Aqib Sohail	LGD Lecture hall 6	MCQ VIVA

		antibiotic use, drainage and definitive dental treatment.			
08-09-26	COMPLEX ODONTOGENIC INFECTIONS	Students will be able to recognize potentially life-threatening odontogenic infections, identify anatomical spaces involved, assess airway risk, and formulate an emergency management plan.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs OSCE Viva
10-09-26	MANAGEMENT OF PATIENTS UNDERGOING CHEMO/RADIOTHERAPY	Students will be able to identify oral complications of cancer therapy, assess patients before and during chemo/radiotherapy, and formulate appropriate preventive and supportive dental management.	Dr. Nighat Zahid	LGD CBL Lecture hall 6	MCQs OSCE Viva
15-09-26	ODONTOGENIC CYST/TUMORS, BIOPSY, FACIAL NEUROPATHY, SALIVARY GLAND DISORDERS, ODONTOGENIC INFECTIONS) + TRAUMA	Students will be able to integrate knowledge from the module to analyze clinical cases, establish differential diagnoses, select investigations, and develop comprehensive management plans.	Prof. Aqib Sohail	PBL Lecture hall 6	MCQs OSCE Viva
17-09-26	ODONTOGENIC CYST/TUMORS, BIOPSY, FACIAL NEUROPATHY, SALIVARY GLAND DISORDERS, ODONTOGENIC INFECTIONS) +	Students will be able to demonstrate integrated knowledge and clinical reasoning related to odontogenic lesions, biopsy, neuropathy, salivary gland disease, infection and trauma.	Prof. Aqib Sohail	LGD Lecture hall 10	MCQs OSCE Viva
22-09-26	MAXILLARY SINUS PATHOLOGY	Students will be able to describe common maxillary sinus diseases relevant to dentistry, recognize clinical and radiographic features, and explain appropriate investigation, referral and management.	Prof. Aqib Sohail	LGD LGD Lecture hall 6	MCQs OSCE Viva
24-09-26	TEST: MAXILLARY SINUS PATHOLOGY,	Students will be able to differentiate common maxillofacial pathological	Prof. Aqib Sohail		MCQs OSCE Viva

	SALIVARY GLAND DISORDERS, ODONTOGENIC INFECTIONS) +	conditions and apply appropriate diagnostic and management principles to clinical cases.		Lecture hall 10	
	MODULE 3: PRINCIPLES OF SURGERY				
29-09-26	REVIEW LECTURES EXODONTIA	Students will be able to recall indications, contraindications, principles and complications of tooth extraction and apply them to routine clinical situations.	Dr. Tayyaba Rafiq	LGD Lecture hall 6	MCQs OSCE Viva
01-10-26	REVIEW LECTURES EXODONTIA	Students will be able to explain patient assessment, extraction techniques, management of difficult extractions and prevention of complications.	Dr. Tayyaba Rafiq	LGD Lecture hall 6	MCQs OSCE Viva
06-10-26	REVIEW LECTURES EXODONTIA	Students will be able to apply principles of exodontia to clinical scenarios and formulate appropriate management plans for common extraction-related complications.	Dr. Tayyaba Rafiq	LGD CBL Lecture hall 6	MCQs OSCE Viva
08-10-26	CLASS TEST PRINCIPLES OF EXODONTIA	Students will be able to demonstrate competency in the principles of patient assessment, indications, contraindications, techniques and complications of exodontia.	Prof. Aqib Sohail	Lecture hall 10	MCQs DOPS Viva
13-10-26	REVIEW LECTURE LOCAL ANESTHESIA	Students will be able to describe local anesthetic agents, mechanisms of action, techniques, indications, contraindications and complications.	Dr. Tayyaba Rafiq	LGD Lecture hall 6	MCQs OSCE Viva
15-10-26	REVIEW LECTURE LOCAL ANESTHESIA	Students will be able to select appropriate local anesthetic techniques for common dental procedures and recognize and manage common complications.	Dr. Tayyaba Rafiq	LGD Lecture hall 6	MCQs OSCE Viva
20-10-26	REVIEW LECTURE LOCAL ANESTHESIA	Students will be able to apply anatomical knowledge to local anesthesia administration and demonstrate safe clinical decision-making.	Dr. Tayyaba Rafiq	LGD Lecture hall 6	MCQs OSCE Viva
	CRITICAL LITERATURE REVIEW, RESEARCH PAPERS'S PRESENTATION, PRINCIPLES OF SURGERY				

22-10-26	ORIENTATION OF CRITICAL REVIEW PRESENTATIONS	Students will be able to explain the principles of critical appraisal, formulate a focused clinical question, identify appropriate literature and structure a scientific presentation.	Prof. Aqib Sohail	SGD Lecture hall 6	PBL Presentation
27-10-26	Submission of review synopsis	Students will be able to prepare a structured research synopsis containing an appropriate clinical question, objectives, search strategy and relevant references.	Prof. Aqib Sohail	SGD Lecture hall 6	
29-10-26	<u>GROUP 1:</u> MANAGEMENT OF MEDICALLY COMPROMISED PATIENTS	Students will be able to identify important systemic conditions affecting dental treatment, assess medical risk, modify treatment plans and recognize indications for medical consultation.	Prof. Aqib Sohail	SGD Presentation Lecture hall 6	PBL Presentation
03-11-26	<u>GROUP 2:</u> MANAGEMENT OF MOST PREVALENT MEDICAL EMERGENCIES IN DENTAL OFFICE	Students will be able to recognize common medical emergencies, initiate appropriate immediate management and identify when emergency referral is required.	Prof. Aqib Sohail Prof. Nighat Zahid	SGD Presentation Lecture hall 6	PBL Presentation
05-11-26	CLASS TEST (PRINCIPLES OF SURGERY/LOCAL ANESTHESIA/ EXODONTIA)	Students will be able to integrate principles of oral surgery, local anesthesia and exodontia in clinical decision-making.	Prof. Aqib Sohail	Lecture hall 10	MCQs Viva
10-11-26	<u>GROUP 4:</u> MANAGEMENT OF HOSPITALIZED PATIENTS & DENTAL ETHICS. <u>GROUP 5:</u> CAREER COUNSELLING AND BEST DENTAL PRACTICE GUIDELINES.	Students will be able to describe principles of dental ethics and hospital-based dental care and identify professional standards relevant to safe and effective dental practice.	Prof. Aqib Sohail Dr. Fareed Chishti	Lecture hall 6	PBL Presentation DOPS
12-11-26	<u>GROUP 3:</u> PRINCIPLES OF ORAL SURGERY, INCISION, FLAP DESIGN, SUTURING AND ANTIBIOTICS	Students will be able to compare methods of scientific information transfer and critically discuss selected contemporary advances in oral surgery.	Prof. Aqib Sohail	Lecture hall 6	PBL Presentation OSCE DOPS

17-11-26	GROUP 6: COMPARISON OF DIFFERENT MODES OF INFORMATION TRANSFER. GROUP 7: RECENT ADVANCES IN ORAL SURGERY	Students will be able to compare methods of scientific information transfer and critically discuss selected contemporary advances in oral surgery.	Prof. Aqib Sohail Dr. Tayyaba Rafiq	Lecture hall 6	PBL Presentation
MODULE 4: SURGICAL AIDS TO DENTAL SPECIALITIES					
19-11-26	DENTAL IMPLANTS	Students will be able to describe indications and contraindications for dental implants, explain basic implant planning, and identify factors affecting implant success.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs Viva OSCE
24-11-26	DENTAL IMPLANTS	Students will be able to explain implant assessment, surgical principles, complications and multidisciplinary considerations in implant treatment.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs Viva OSCE
26-11-26	PRE-PROSTHETIC SURGERY	Students will be able to identify soft- and hard-tissue abnormalities affecting prosthetic rehabilitation and describe appropriate pre-prosthetic surgical procedures.	Dr. Nighat Zahid	LGD Lecture hall 6	MCQs Viva
01-12-26	PRE-PROSTHETIC SURGERY	Students will be able to select appropriate pre-prosthetic procedures based on clinical findings and explain their indications, techniques and complications.	Prof. Nighat Zahid	LGD Lecture hall 6	MCQs Viva
03-12-26	SURGICAL AIDS TO ORTHODONTICS	Students will be able to describe surgical procedures used to facilitate orthodontic treatment and identify their indications and limitations.	Dr. Fareed Chishti	LGD Lecture hall 6	MCQs Viva OSCE
08-12-26	SURGICAL AIDS TO ENDODONTICS	Students will be able to explain indications for endodontic surgery, describe basic surgical techniques and recognize potential complications.	Prof. Nighat Zahid	LGD Lecture hall 6	MCQs Viva

10-12-26	CLASS TEST (PRE-PROSTHETIC SURGERY, SURGICAL AIDS TO ENDODONTICS & ORTHODONTICS, DENTAL IMPLANTS)	Students will be able to apply principles of implantology and surgical adjuncts to orthodontic, endodontic and prosthodontic treatment planning.	Prof. Aqib Sohail	Lecture hall 10	MCQs Viva
15-11-26	PRE-PROSTHETIC SURGERY, SURGICAL AIDS TO ENDODONTICS & ORTHODONTICS, DENTAL IMPLANTS	Students will be able to integrate clinical findings to formulate multidisciplinary treatment plans involving surgical adjuncts to dental specialties.	Prof. Aqib Sohail	SGD Lecture hall 6	PBL
Module 5: Dentofacial Deformities					
17-12-26	ORTHOGNATHIC SURGERY	Students will be able to describe common dentofacial deformities, explain indications for orthognathic surgery, and outline assessment and treatment-planning principles.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs Viva OSCE
22-12-26	ORTHOGNATHIC SURGERY	Students will be able to interpret basic cephalometric and clinical findings and explain the principles of surgical correction and postoperative care.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs Viva OSCE
24-12-26	CLEFT LIP AND PALATE	Students will be able to describe the classification, etiology and clinical features of cleft lip and palate and explain principles of multidisciplinary management.	Dr. Fareed Chishti	LGD Lecture hall 6	MCQs Viva
29-12-26	FACIAL ESTHETIC SURGERY	Students will be able to describe common facial aesthetic procedures, identify indications and contraindications, and explain basic principles of patient assessment and informed consent.	Prof. Nighat Zahid	Interactive Lec Lecture hall 6	MCQs Viva
29-12-26	RECONSTRUCTION	Students will be able to describe principles of reconstruction of oral and maxillofacial defects and compare major reconstructive options including grafts and flaps.	Prof. Nighat Zahid	LGD Lecture hall 6	MCQs Viva OSCE
05-01-27	CLASS TEST (CLEFT LIP AND PALATE, ORTHOGNATHIC SURGERY, RECONSTRUCTION , FACIAL	Students will be able to integrate knowledge of dentofacial deformities and reconstructive surgery in clinical scenarios and demonstrate appropriate treatment planning.	Prof. Aqib Sohail	LGD Lecture hall 6	MCQs Viva OSCE

	ESTHETICS SURGERY)				
07-01-27	REVISION CLASS	Students will be able to consolidate key concepts, identify areas of difficulty and apply OMFS knowledge to examination-style clinical scenarios.	Prof. Aqib Sohail	LGD Lecture hall 6	
12-01-27	REVISION CLASS	Students will be able to review major diagnostic and management principles across the OMFS curriculum and demonstrate clinical reasoning.	Prof. Aqib Sohail	CBL Lecture hall 6	MCQs Viva
14-01-27	REVISION CLASS	Students will be able to integrate knowledge from trauma, pathology and dentoalveolar surgery to solve clinical problems.	Dr. Nighat Zahid	CBL Lecture hall 6	MCQs Viva
19-01-27	REVISION CLASS	Students will be able to demonstrate comprehensive revision of surgical principles and prepare for summative assessment.	Dr. Fareed Chishti	Lecture hall 6	MCQs Viva
21-01-27	REVISION CLASS	Students will be able to apply integrated OMFS knowledge to MCQs, OSCE stations and viva-style clinical questions.	Dr. Fareed Chishti	Lecture hall 6	MCQs Viva
26-01-27	ANNUAL QUIZ COMPETITION	Students will be able to demonstrate integrated knowledge of OMFS concepts through problem-solving, recall and clinical application.	Prof. Aqib Sohail	QUIZ Lecture hall 2	MCQ
28-01-27	ANNUAL QUIZ COMPETITION	Students will be able to apply diagnostic and management principles to challenging OMFS questions and clinical scenarios.	Prof. Aqib Sohail	QUIZ Lecture hall 2	MCQ
02-02-27	ANNUAL QUIZ COMPETITION	Students will be able to synthesize knowledge across the OMFS curriculum and demonstrate readiness for the final assessment.	Prof. Aqib Sohail	QUIZ Lecture hall 2	MCQ
09-02-27	SEND UP EXAMINATION	Students will be able to demonstrate comprehensive knowledge, clinical reasoning and applied skills across the BDS Oral & Maxillofacial Surgery curriculum			MCQs Viva OSCE DOPS



CLINICAL ACTIVITIES

ORAL AND MAXILLOFACIAL SURGERY

Final Year BDS 2026-27

COLLEGE OF DENTISTRY

LAHORE MEDICAL AND DENTAL COLLEGE

OBJECTIVES

Students should be able to:

- Formulate a diagnosis and carve a treatment plan
- Discuss their treatment plan with their supervisor before starting a procedure
- Administer local anesthesia without any complications
- Perform A-traumatic simple tooth extraction
- Perform A-traumatic broken dental root removal
- Perform difficult cases under direct supervision.
- Identify different injuries, diseases and defects
- Enlist appropriate investigations for diagnosis of injuries, defects and pathologies
- Observe & assist minor & major surgical procedures
- Devise a management protocol for presented patient
- Prevent and manage local and systemic complications
- Discharge the patient respectfully, give post-operative instructions and prescribe medications
- Recognize his and her limitations.

CONTENTS OF CLINICAL TEACHING

CONTENT TO TEACH	LEARNING OBJECTIVES	MIT	ASSESSMENT STRATEGY	FACILITATOR
Principles of surgery				
	Develop a Diagnosis.	SGD/CBL	CEX	Prof. Aqib Sohail
	Describe Basic Necessities for Surgery.	SGD/CBL	CBD	Prof. Nighat Zahid
	Describe & Follow the Aseptic Surgical Protocol.	SGD/CBL	CEX CBD	Dr. Zainab Ghaffar
	Describe Basic Principles of Incision in Oral Surgery & Mark the following flaps used in Minor Oral Surgery: 1, 2, 3 Sided Flaps and their Variations: Sub-Marginal.	SGD HANDS ON EXERCISE	CEX DOPS	Prof. Nighat Zahid
	Describe Principles of Flap Design in Oral Surgery.	SGD HANDS ON	VIVA CEX	Prof. Nighat Zahid
	Describe the Principles of tissue Handling in oral Surgery.	SGD INTERACTIVE LECTURE	Viva CEX/CBD	Dr. Fareed Chishti
	Describe the Means of: - Achieving Hemostasis in Oral Wounds. - Dead Space Management.	SGD PRESENTATI ON	CEX VIVA	Prof. Aqib Sohail

Peri-Operative Patient Management Management of Medical Problems and Medical Emergencies				
	Evaluate a Dental Patient by: • Medical History • Physical Examination	SGD/ CBL	CEX	Dr. Fareed Chishti
	Manage a Dental Patient with Problems of the Following Systems: • CVS. • Pulmonary. • Renal. • Hepatic. • Endocrine. • Hematological. • Neurological	CBL PRESENTATI ON HANDS ON	CEX CBD DOPS	Prof. Aqib Sohail
	Manage Pregnant & Post-Partum Dental Patient.	SGD/CBL	CBD DOPS	Prof. Nighat Zahid
	Prevent Medical Emergencies in Dental Patients.	SGD/CBL	CEX	Prof. Aqib Sohail
	Prepare One-Self & Surgery Staff to Manage the following Medical Emergencies: • Hypersensitivity Reactions. • Chest Discomfort. • Respiratory Difficulty. • Altered Consciousness • Foreign body aspiration • Hypoglycemia • Hyperventilation	SGD/CBL	CBD CEX DOPS	Dr. Fareed Chishti

Local Anesthesia				
	Relate the Nerve Supply of the face & Oral cavity with clinical applications	SGD/CBL	CEX CBD	Prof. Aqib Sohail
	Local Anesthesia of maxillary & mandibular division of Trigeminal Nerve	SGD/CBL HANDS ON	CEX	Prof. Nighat Zahid
	Describe the Pharmacological Mechanism of Action of Contents of Local Anesthesia (LA).	SGD/CBL	VIVA	Dr. Sharjeel
	Calculate the safe dose for Lignocaine and Bupivacaine.	SGD/CBL	CEX	Dr. Sharjeel
	Select the Armamentarium required for Local Anesthesia Load LA Syringe Aseptically	SGD/PRACTICAL	CEX CBD	Dr. Faisal Raza
	Describe the following types of local anesthetic injection (infiltration) techniques: • Supra-Periosteal. • Sub-Mucosal. • Sub-Periosteal. • Intra-Osseous	SGD/CBL	VIVA	Prof. Nighat Zahid
	Describe the following LA techniques of Mandibular Anesthesia: • Infiltration • Inferior Alveolar Nerve Block (IANB). • Mental Nerve Block. • Lingual Nerve Block. • Long Buccal Nerve Block. • Gow-Gates Block. • Vazirani Akinosi Block	SGD/CBL HANDS ON	CEX CBD	Prof. Nighat Zahid
	Describe the following LA techniques of Maxillary Anesthesia: • Anterior Superior Nerve Block. (Infiltration Type) • Middle Superior Nerve Block. (Infiltration Type)	SGD/CBL HANDS ON	CEX CBD	Prof. Nighat Zahid

	- Posterior Superior Nerve Block. (Infiltration Type) - Infra-Orbital Nerve Block. - Naso-Palatine Nerve Block. - Greater Palatine Nerve Block.			
	Administer: - LA Infiltration. - Intra-ligamental - IANB. - Lingual Nerve Block. - Long Buccal Nerve Block. - Greater Palatine Nerve Block	CBL/PRACTICAL	DOPS Clinical test	Prof. Aqib Sohail Prof. Nighat Zahid
	Check for Effectiveness of LA. Explain the reasons of Failure of LA in a case. Select appropriate LA & Technique.	CBL Demonstration	DOPS Clinical test	Dr. Sharjeel
Uncomplicated Exodontia				
	Describe the indications for extraction Describe the principles of exodontia	SGD	CEX CBD	Prof. Aqib Sohail
	Selection of appropriate armamentarium	SGD	CEX	Dr. Faisal Raza
	Describe and apply dental ergonomics with respect to operator and chair position	SGD/CBL	CEX DOPS	Prof. Aqib Sohail
	Learn and perform atraumatic extraction	SGD/CBL HANDS ON	CBD DOPS	Dr. Sadia Gul
	Describe and manage intraoperative/postoperative complications	SGD/CBL	CBD DOPS	Prof. Aqib Sohail
	Describe postoperative instructions and follow up	SGD/CBL	CBD DOPS	Dr. Zainab Ghaffar

Complicated Exodontia				
	Describe the principles of flap design.	SGD CASE BASED LEARNING	CEX Viva	Prof. Nighat Zahid
	Demonstrate incisions for different types of mucoperiosteal flaps in the oral cavity and on models.	HANDS-ON SIMULATION	CEX DOPS	Prof. Nighat Zahid
	Describe and Apply the principles of suturing.	SGD/PRACTICAL	CEX DOPS	Prof. Nighat Zahid
	Enlist the indications for open extractions.	SGD	CBD	Dr. Sharjeel
	Describe the technique used for open extraction of single and multi-rooted teeth. Describe the procedure to remove fractured root fragments/tips. State the justification for leaving root fragments in the socket. Plan the sequence of multiple extractions.	SGD/CBL HANDS ON	CBD DOPS	Prof. Aqib Sohail
Management of Impacted Teeth				
	Define an Impacted Tooth.	SGD	CBD	Prof. Aqib Sohail
	Name commonly impacted teeth, and reasons for their impaction.	SGD/CBL	Viva	Prof. Aqib Sohail
	Enlist the indications for removal of impacted teeth.	SGD	CEX	Prof. Aqib Sohail
	Enlist the contraindications for removal of impacted teeth.	SGD	CEX Viva	Prof. Aqib Sohail

	Evaluate a patient with an Impacted Tooth by: - History - Clinical Examination - Radiographic Examination	CBL/SGD	CEX CBD	Dr. Fareed Chishti
	Classify impacted teeth & determine the level of Difficulty for its Extraction.	SGD/CBL	CEX CBD	Prof. Aqib Sohail
	Describe the management of a patient with an impacted third molar.	SGD/CBL	CBD	Prof. Aqib Sohail
	Describe the step-wise surgical procedure for the removal of impacted teeth.	SGD/CBL PRESENTATION	CBD	Prof. Aqib Sohail
	Enlist treatment options for a patient with an impacted canine.	SGD/CBL	VIVA	Prof. Nighat Zahid
	Enlist the potential risks and complications for the removal of impacted teeth	SGD INTERACTIVE LECTURE	CBD	Prof. Aqib Sohail
Prevention & Management of Complications in Exodontia				
	Describe the post-operative anxiety reduction measures that can be taken for an exodontia patient.	SGD	CEX CBD	Prof. Aqib Sohail
	Describe the management of post-operative pain and discomfort of an exodontia patient.	SGD/CBL	CEX CBD	Dr. Fareed Chishti
	Manage a patient with post extraction hemorrhage.	CBL/SGD	CBD DOPS	Dr. Sharjeel
	Follow up an exodontia patient	CBL	CEX	Dr. Sharjeel

	Maintain the patient record.	SDG	CBD	Prof. Nighat Zahid
	Discuss the need for prevention of complications.	SGD	Viva	Prof. Nighat Zahid
	Manage the following complications during and after Exodontia: • Soft tissue injuries • Root fracture/displacement • Injury to adjacent teeth • Injury to osseous structures • Injuries to adjacent structures • Oro-antral communications • Postoperative bleeding • Delayed healing and infection • Fracture of the mandible	SGD/CBL	CEX CBD DOPS	Prof. Aqib Sohail
Medico-Legal Considerations				
	Describe legal Concepts influencing regarding: • Duty • Breach of Duty • Damages • Causation	SGD	CBD	Prof. Aqib Sohail
	Enlist the common areas of dental litigation.	SGD	CBD	Prof. Aqib Sohail
	Enlist the steps to Reduce Risk of litigation.	SGD	CBD	Prof. Aqib Sohail
	Obtain Informed Consent from a patient.	CBL	CEX	Dr. Sadia Gul
	Describe types & components of informed consent.	SGD	CEX	Prof. Aqib Sohail
	Document the procedures briefly & keep the record.	CBL	DOPS	Dr. Zainab Ghaffar
	Communicate & write a letter of referral to a Medical / Dental Specialist.	SGD	CBD	

	Manage Complications without alarming the patient.	CBL	CBD	Dr. Fareed Chishti
	Deal with the following patient management problems: • Non-Compliant Patient. • Patient Abandonment	CBL	CBD DOPS	Dr. Faisal Raza
	Keep up to date with the Local rules & regulations affecting Practice	SGD	VIVA	Dr. Sharjeel
Odontogenic Infections – Principles of Management				
	Diagnose & Differentiate b/w Edema (Inoculation), Cellulitis & Abscess on the basis of Clinical Features & Disease Progression.	SGD/CBL	CBD	Prof. Aqib Sohail
	Determine Severity of Infection.	SGD/CBL	CBD	Prof. Aqib Sohail
	Evaluate State of Patient's Host Defense Mechanisms.	SGD/CBL	CBD	Dr. Fareed Chishti
	Decide whether Patient should be treated by Dentist or OMFS.	SGD/CBL	CBD	Dr. Fareed Chishti
	Describe Surgical Treatment of the Infection.	SGD/CBL	CBD	Prof. Aqib Sohail
	Describe the Medical Support required to Treat a patient with Odontogenic infections	SGD/CBL	CBD	Prof. Nighat Zahid
Odontogenic Infections				
	Describe the progression of the following Infections in Head & Neck: • Spread of Odontogenic Infection to Deep Fascial Spaces. • Cavernous Sinus Thrombosis/Orbital Cellulitis. • Necrotizing Fasciitis. • Osteomyelitis. Actinomycosis	SGD/CBL	CBD	Prof. Aqib Sohail

Odontogenic Infections – Complications				
	Describe Steps of Management of Deep Fascial Spaces Infection.	SGD	CBD	Prof. Aqib Sohail
	Follow up the Patient.	SGD	CBD	
	Describe Ludwig’s Angina & State its Management.	SGD/CBL	Viva CBD	Prof. Aqib Sohail
	Describe Airway Management by: • Cricothyrotomy, • Tracheostomy.	SGD	Viva CEX	Dr. Fareed Chishti
	Describe Pathophysiology of Cavernous Sinus Thrombosis & its Management.	SGD	CBD	Prof. Nighat Zahid
	Describe Pathophysiology of Orbital Cellulitis & its Management.	SGD	CBD	Dr. Fareed Chishti
	Describe Pathophysiology of Necrotizing Fasciitis & Steps of its management	SGD	CBD	Prof. Aqib Sohail
Management of Dento-alveolar Trauma				
	Assess a patient with Dento-Alveolar Trauma by: • History. • Clinical Examination. • Radiographic Examination.	SGD/CBL	CEX CBD	Prof. Aqib Sohail
	Manage Dento-Alveolar Injuries Soft tissue management Apply Arch bar, splints	CBL	MCQs, viva	
Acute Trauma Life Support (ATLS)				

Principles				
	State Etiology of Maxillo-Facial Trauma.	SGD	Viva	
	Relate Etiology of the Trauma to the Severity of Injury, Prognosis & Implications on Treatment Plan.	SGD	CBD	Prof. Aqib Sohail
	Evaluate a Patient with Maxillo-Facial Trauma by: - Primary Survey. - Secondary Survey.	SGD/CBL	CEX	Dr. Fareed Chishti
	Describe the Management of Compromised Air way for a Maxillo-Facial Trauma Patient, including: - Cricothyrotomy. - Tracheostomy.	SGD/CBL	CEX CBD	Prof. Nighat Zahid
Maxillo-Facial Trauma	State Etiology of Facial bone, Soft Tissue & Dento-Alveolar Injuries.	SGD/CBL	VIVA	Prof. Aqib Sohail
	Diagnose Fractures by: - Eliciting Signs & Symptoms. - Order & Interpret Radiographic Investigations. - Classify Fractures according to the Type, Site & Favorability to reduction Formulate Treatment Plan for Fractures in Adult & Children, by: - Closed Management. - Open Reduction & Internal Fixation. - Functional Treatment.	SGD/CBL PRACTICAL	CEX CBD	Dr. Fareed Chishti
Salivary Gland Disorders				
Diagnosis of Salivary				

Gland Disorders. Management of Sialolitiasis and Mucoceles.				
	Describe various Diagnostic Modalities for Salivary Gland disorders, including; • History • Clinical Examination • Radiology • Plain Film X-rays • Sialography • USG • CT Scan • MRI Scan • Scintigraphy • Endoscopy • Sialochemistry • Antibody titre for Sjogren • FNAB • Biopsy	SGD/CBL Presentation	CBD	Prof. Aqib Sohail
	Describe the Pathophysiology & Management of Obstructive Salivary Diseases, i.e. • Sialolithiasis • Mucocele • Ranula Describe the Pathophysiology & Management of; Salivary gland tumors Inflammatory disorder Locate the ducts of S. glands	SGD/CBL	CBD	Prof. Aqib Sohail
Maxillary Sinus Diseases				
Maxillary Sinus Diseases- Diagnosis. Management of Sinusitis				
	Evaluate a patient with Maxillary Sinus disease,	SGD/CASE BASED	CEX	Prof. Aqib Sohail

	including; • Relevant History • Relevant Clinical Examination • Order Relevant Investigations, including Radiographs	LEARNING PRESENTATION	CBD	
	Describe Non-Odontogenic Infections of Maxillary Sinus & its Causes.	SGD/CBL	CBD	Dr. Fareed Chishti
	Describe Odontogenic Infections of Maxillary Sinus & its Causes.	SGD/CBL	CBD	Prof. Aqib Sohail
Oro-Antral Communication & Maxillary Sinus Tumors				
	Classify Oro-Antral Communication according to Size & describe their Management according to the time elapsed	SGD/CBL	CBD	Prof. Nighat Zahid
Tempromandibular joint disorders	Classify TM Disorders as: • Myofascial. • Internal Derangement (Wilke's). • Systemic Arthritis Conditions. • Chronic Recurrent Dislocation. • Ankylosis. • Neoplasia. • Infections.	SGD/CBL	CEX CBD Viva	Prof. Aqib Sohail
	Select Management options for TMD: Reversible: • Patient Education • Medications. • Physiotherapy. • Splint Therapy. • Role of Botox.	SGD	CBD	Prof. Aqib Sohail
	Select appropriate TMJ Surgery for TMD: • Arthrocentesis • Arthroscopy. • Disc Repositioning.	SGD	CBD VIVA	Prof. Aqib Sohail

	• Techniques to manage Recurrent Dislocation. • Disc Repair/Removal. • Condylotomy/Arthroplasty. • For Neoplasia. • Joint Replacement. • Distraction Osteogenesis			
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REQUIREMENTS

Students should:

- Thoroughly evaluate the patient, by taking a complete history of the patient and performing physical examination. Document all the intraoral and extra-oral findings
- Greet and seat the patient respectfully
- Take verbal informed consent for every case and a written consent for complicated cases
- Know the specifications of the armamentarium used in simple and surgical procedures
- Comprehend dental ergonomics at all times
- 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 IMF, Suturing sexercises during the duty hours of rotation

SPECIFICATION OF CLINICAL DEMONSTRATIONS/SBME SCHEDULE BATCH-A 2026

These demonstrations/SBME will be conducted in the Tutorial Room and OMFS clinic.

Sr No	DAY/DATE	TIME	TOPICS	FACILITATOR
1.	Monday 11-May-26	10:15-12:30pm	Orientation Of Final Year BDS In OMFS Clinic	Prof. Aqib Sohail
2.	Monday 11-May-26	12:30-3:00pm	SBME-1 Clinical Evaluation TMJ, Lymph Nodes & Salivary Glands	Prof. Nighat Zahid
3.	Tuesday 12-May-26	12:30-3:00pm	Armamentarium used in Exodontia Classify and describe principle of various forceps and elevators	Dr. Faysal Raza
4.	Wednesday 13-May-26	12:30-3:00pm	Chair Positioning Demonstrate chair and operator position about maxilla and mandible	Dr. Faysal Raza
5.	Thursday 14-May-26	12:30-3:00pm	Local Anesthesia Describe LA pharmacology. Types of syringes, needle sizes, dose calculation block techniques	Dr. Muhammad Sharjeel Siddiqui
6.	Friday 15-May-26	11:30-1:00pm	Infection Control/NSI SOPs of CIC, prevention/management of NSI/accidental exposure	Dr. Sadia Gull
7.	Monday 18-May-26	12:30-3:00pm	Pre & Post Operative Patient Evaluation & Prescription writing Describe patient care prescription writing and logbook record keeping	Dr. Zainab Ghaffar
8.	Friday 22-May-26	11:30-1:00pm	Medications, Referral Letter Describe prophylactic medications, demonstrate to obtain informed consent and writing referrals	Dr. Zainab Ghaffar
9.	Wednesday 3-June-26	12:30-3:00pm	Biopsy Describe classification and demonstrate technique of incisional and excisional biopsies	Dr. Sadia Gull
10.	Wednesday 15-June-26	12:30-3:00pm	SBME-2 Principles of Flap, various Flap Designs and Suturing Techniques	Prof. Nighat Zahid
11.	Wednesday 24-June-26	12:30-3:00pm	Inter Maxillary Fixation Demonstrate indications and technique of MMF	Dr. Muhammad Sharjeel Siddiqui
12.	Wednesday 1-July-26	12:30-3:00pm	SBME-3 Diagnostic Imaging Major & Minor Radiographic interpretation	Dr. Fareed Chishti

SPECIFICATION OF SMALL GROUP DISCUSSIONS

Clinical Small Group Discussion Schedule Batch A,2026

The schedule for the final year BDS Clinical Demonstration and Small group Discussions is as follows.

These Discussions will be conducted in Tutorial Room and OMFS clinic.

Final year BDS clinical small group Discussions will be conducted on every Tuesday and Thursday at 01:40 pm.

	DAY/DATE	TOPICS	FACILITATOR
1.	Tuesday 19-05-26	Prevention and management of L.A complications	Prof. Aqib Sohail
2.	Thursday 21-05-26	Intra and Post Operative Complication in Exodontia	Prof. Nighat Zahid
3.	Tuesday 26-05-26	Dental Ergonomics; implications in OMF	Prof. Aqib Sohail
4.	Thursday 28-05-26		Prof. Nighat Zahid
5.	Tuesday 2-06-26	Assessment of impacted third molar & Guidelines for Extraction	Prof. Aqib Sohail
6.	Thursday 4-06-26	Role of Consent, Medico legal and Ethical Issues	Dr Fareed Chishti
7.	Tuesday 9-06-26	Management of Patients with Hematological & Respiratory Disorders	Prof. Aqib Sohail
8.	Tuesday 16-06-26	Nerve block techniques IANB, Vazirani & Gow Gates, Mental & Infra Orbital	Prof. Nighat Zahid
9.	Thursday 18-06-26	Role of Antibiotics in Exodontia, Rationale for Prophylaxis	Dr Fareed Chishti
10.	Tuesday 23-06-26	Management of Patients with Cardiac & Endocrine disorders	Prof. Aqib Sohail
11.	Tuesday 30-06-26	Pediatric patient management (L.A vs Sedation and exodontia	Dr Fareed Chishti
12.	Thursday 2-07-26	Management of Root Fracture and its displacement into potential spaces	Prof. Nighat Zahid

Learning Outcomes

BDS Final year

Topic: Exodontia

Cognitive Domain

- C1 = Classify forceps used for extraction.
- C2 = Explain mechanism of action of dental forceps.
- C3 = Interpret the results of Orthopantomogram (OPG).
- C4 = Integrate the Orthopantomogram with sign and symptoms to reach diagnosis.
- C5 = Explain the treatment plan for patient with broken dental root.
- C6 = Summarize differential diagnosis of patient with pain and swelling on right side of his/her face.

Psychomotor Domain

- P1 = Observe the correct technique of extracting tooth.
- P2 = Assist in extracting tooth.
- P3 = Perform extraction of tooth under supervision.
- P4 = Perform extraction of tooth independently.

Affective Domain

- A1 = Listen to demonstration of extracting tooth carefully with respect.
- A2 = Participate in demonstration of extraction of tooth in demonstration room.
- A3 = Perform extraction of tooth in professional manner after taking consent.
- A4 = Propose and organize ideas such as community visits to make people aware of oral hygiene.
- A5 = Value the beliefs by making these as habits.

SKILLS OBJECTIVES

On completion of the course of study, students must have competence in:

- Making diagnoses, assessing treatment needs and being able to perform simple oral surgery
- Diagnosing and treating the most common oral diseases and conditions, assessing treatment needs and knowing when the patient should be referred to a specialist
- Acquiring adequate knowledge about key medical conditions and how these should be managed in clinical practice.
- Diagnosing inflammation in oral tissue;
- Performing tooth extractions;
- Placing sutures after oral surgery;
- Diagnosing and treating complications in connection with tooth extractions and minor surgical procedures;
- Diagnosing nerve damage resulting from complicated tooth extractions and other procedures
- Making diagnoses, assessing treatment needs and being able to perform simple oral surgery
- Diagnosing and treating the most common oral diseases and conditions, assessing treatment needs and knowing when the patient should be referred to a specialist
- Acquiring adequate knowledge about key medical conditions and how these should be managed in clinical practice.

TABLE OF SPECIFICATION FOR EXODONTIA/FORMATIVE ASSESSMENT



Formative Assessment

Final Year BDS
Oral and Maxillofacial Surgery

Direct Observation of Procedural Skill (DOPS) for Exodontia

Clinical Assessor: _____ Date of Procedure: _____
 Student Name: _____ LMDC ID: _____ Batch: _____
 Patient ID/Case Number: _____ Significant History: _____
 Diagnosis Of Patient: _____ Patient Age: _____ Sex: _____
 Treatment Plan: _____

Complexity Of Case/Procedure: Low/Easy Moderate/Average High/ Difficult

Assessment Domains

Please rate the student's performance in each area based on the following scale:

- 1 = Needs Improvement
- 2 = Satisfactory
- 3 = Above Expectation
- 4 = Excellent

Clinical Skills & Competency

Please grade the following areas on the given scale:	Needs Improvement	Satisfactory	Above Expectation	Excellent
	1	2	3	4
Proper assessment and clinical examination of the patient				
Explaining risks, benefits, and aftercare, obtaining informed consent				
Preparation for procedure				
Demonstration of correct technique for local anesthesia (infiltration or block)				
Selection of appropriate forceps or instruments				
Use of correct technique (e.g., elevators, forceps) for atraumatic extraction				
Proper sterilization techniques and use of aseptic protocol				
Adequate explanation of post-operative care, pain management, and follow-up				
Accurately documents the procedure, patient details, and complications if any				

Overall Performance assessed

(Provide an overall evaluation of the student's clinical skills, areas for improvement, and strengths.)

Strengths	Areas for Improvement

Final Rating by assessor (Circle one):

☐ 1 = Needs Improvement ☐ 2 = Meets Expectations ☐ 3 Demonstrates Competence ☐ 4 = Excellent

Student Reflection

- What went well during this procedure?

- What challenges did you face?

- How do you plan to improve your technique in future extractions?

Signature of Assessor: _____

TABLE OF SPECIFICATION FOR EXODONTIASUMMATIVE ASSESSMENT

SR NO	LEARNING OBJECTIVES	EVALUATION		FACILITATOR
		S	U	
1	Patient evaluation			
1.1	Seating the patient on dental chair	1	-1	
1.2	Introduction	1	-1	
1.3	Chief complaint & Comprehensive History of complaint	2	-2	
1.4	Evaluation of medical & surgical history	2	-2	
1.5	Past dental history, previous extraction; if any	2	-2	
1.6	Medications	1	-1	
1.7	Allergies	1	-1	
1.8	Extra-oral & Intra-oral examination	3	-3	
1.9	Investigations	1	-1	
1.10	Establish diagnosis	2	-2	
1.11	Treatment plan	1	-1	
1.12	Consent and explanation of procedure	2	-2	
Scores for Patient Evaluation (max .20)				
2	Local Anesthesia (L.A)			
2.1	Sterile set-up of the tray with appropriate instruments	2	-2	
2.2	Self-protection (mask, head cap, gown)	2	-2	
2.3	Hand wash & gloving technique	2	-2	
2.4	Application of barriers for CIC	2	-2	
2.5	Loading of L.A syringe	2	-2	
2.6	Set-up chair position accordingly	1	-1	
2.7	Operator position and posture	1	-1	
2.8	Soft tissue retraction	1	-1	
2.9	Identification of land marks	2	-2	
2.10	Angulation of the syringe	1	-1	
2.11	Entry point of the needle for IANB	2	-2	
2.12	Entry point for infiltration	1	-2	
2.13	Advancement of the needle to site of L.A devily	1	-1	
2.14	Aspiration	2	-2	
2.15	Rate of L.A administration	1	-3	
2.16	Needle care after injection	1	-2	
2.17	Checking for the effectiveness of L.A	2	-2	
2.18	L.A repetition	1	-1	
2.19	Chair side manner during L.A	3	-3	
Scores for L.A (max. 30)				

3 Extraction				
3.1	Selection of appropriate forceps and elevators	1	-2	
3.2	Patient position	2	-2	
3.3	Operator position	2	-2	
3.4	Light position	1	-1	
3.5	Soft tissue retraction	2	-2	
3.6	Gingival detachment	1	-1	
3.7	Jaw support	2	-2	
3.8	Grip on elevator & application	1	-1	
3.9	Grip on the forceps	1	-2	
3.10	Forceps application	2	-3	
3.11	Tooth luxation movements	4	-4	
3.12	Delivery of the tooth	2	-2	
3.13	Examination of the socket	1	-1	
3.14	Squeezing of the alveolar bone	1	-1	
3.15	Gauze pack placed properly	2	-2	
3.16	Management of complication (if any)	2	-2	
3.17	Post extraction instructions	2	-2	
3.18	Medications prescribed	1	-1	
3.19	Disposal of contaminated waste	1	-1	
3.20	Disposal of sharps	1	-1	
3.21	Instruments returned	1	-1	
3.22	Chair-side manner during extraction	3	-3	
3.23	Cross infection control during procedure	5	-5	
Scores for Extraction (max. 40)				

Viva:

Related to patient evaluation, local anesthesia, nerve supply of teeth, L.A land marks, L.A failure extraction, medical emergencies, intra operative and post operative complications, management of broken root, collapse

Need for antibiotics

Scores for viva (max.10)

Overall scores (max. 100)

TABLE OF SPECIFICATION FOR IMM/IMF

	COMPONENTS	COMPETANCY LEVEL	FACILITATOR	EVALUATION
1	Preparation of models			
2	Drilling holes for wiring			
3	Making eyelets			
4	Passing eyelets in Maxillary Arch			
5	Passing eyelets in mandibular Arch			
6	Achievement of occlusion			
7	Passing IMF wires			
8	MMF			
9	Submission of assignment			

TABLE OF SPECIFICATION FOR SUTURING

	COMPONENT	COMPETANCY LEVEL	FACILITATOR	EVALUATION
1	Placement of incision			
2	Selection of appropriate suture material			
3	Placement of interrupted sutures			
4	Surgical knots			
5	Continuous sutures			
6	Horizontal mattress			
7	Vertical mattress			
8	Figure of eight			

RECORD MAINTENANCE

Students should maintain a complete record of all the patient's procedure details in this logbook, which will then be submitted at the end of rotation.



ORAL & MAXILLOFACIAL SURGERY PATIENT RECORD
COLLEGE OF DENTISTRY
Lahore Medical & Dental College
Tulspura, North Canal, Lahore-534000, Tel:0346-4418891-98

Reg No. : _____

Date: _____

PATIENT'S INFORMATION

Name _____ Age/Gender: _____
 Occupation _____ Phone No: _____
 Address _____
PRESENTING COMPLAINT: _____

HISTORY OF PRESENTING COMPLAINT: _____

MEDICAL HISTORY

Yes/No	Yes/No	Yes/No	Yes/No
Medications ☐ ☐		☐ ☐ Hypertension	☐ ☐
CNS Disorder ☐ ☐		☐ ☐ Anaemia/MI	☐ ☐
Hospitalization ☐ ☐		☐ ☐	☐ ☐
Hepatitis A,B,C ☐ ☐		CVS disorders	☐ ☐
Allergies ☐ ☐			☐ ☐
Diabetes ☐ ☐		☐ ☐ Bleeding Disorder	☐ ☐
Lactation ☐ ☐		☐ ☐ GIT Disorder	☐ ☐
Renal Disease ☐ ☐			
Pregnancy ☐ ☐			
Asthma/COPD ☐ ☐			

FAMILY HISTORY: _____

SOCIOECONOMIC HISTORY/HABITS

Para functional ☐ ☐	☐ ☐ Smoking	☐ ☐
Betel nut ☐ ☐	☐ ☐	
Bruxism ☐ ☐	Alcohol	☐ ☐
Ghutka ☐ ☐		

PAST DENTAL HISTORY: _____

Conclusive Remarks: _____

EXAMINATION:

GENERAL PHYSICAL EXAMINATION/VITAL SIGNS

Pulse _____ B.P _____ RR _____
Temp _____

EXTRAORAL EXAMINATION:

A) Facial Symmetry/Deformity/Abrasion/Laceration/Scar

B) Palpation of Facial Bones for tenderness/step deformity

C) TEMPROMANDIBULAR JOINT (TMJ)

Inter incisor Openingmm

Right Lateral excursions.....mm

R L

Deviation of Mandible.....mm

Left Lateral excursions.....mm

R L

L

Tenderness

Crepitus

Clicking

Palpation of Muscles of Mastication for Tenderness & Spasm

Temporalis

Lateral Pterygoid

Masseter

REMARKS: _____

D) Lymph Nodes palpation for Tenderness/Enlargement/Consistency

Preauricular Ib

Submandibular

Submental Ia

Upper Jugular IV

Lower Jugular

Middle Jugular III

Posterior cervical Occipital

Midline VI

REMARKS: _____

E) Maxillary Sinuses

Patency ☐☐
Oro-antral communication

☐☐ Tenderness

☐☐

INTRA-ORAL EXAMINATION

Soft Tissues

- A) Perioral area of Lip _____
- B) Labial mucosa _____
- C) Buccal Mucosa _____
- D) Tongue(dorsum/ventral/lateral borders)_____
- E) Floor of mouth _____
- F) Gingival health _____
- G) Palate/Oropharynx _____
- H) Salivary glands _____

Examination of Teeth

- 1. Total no of Teeth _____
- 2. Degree of Mobility _____
- 3. Pain on percussion _____
- 4. Pocket Depth _____

Occlusion

Class III ☐☐ I ☐☐ Class II ☐☐

Dental Charting

Upper

18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28								
																							
								55	54	53	52	51	61	62	63	64	65						
																							
Right _____								Lingual _____								Left							
								85	84	83	82	81	71	72	73	74	75						
																							
48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38								
Lower																							

Conclusive Remarks: _____

INVESTIGATIONS REQUIRED

Radiographs/Imaging

☐ Periapical Occlusal	☐ P.A Mandible	☐ OPG	☐
☐ Occipitomen- tal Cephalogram	☐ R. Towne's	Sub ☐ antovertex	☐
☐ Ultrasound	☐	☐ CBCT	☐
CT Scan	MRI		

Others: _____

Blood Tests

☐ Complete blood count Clotting time	☐ Hemoglobin	☐ Bleeding time
☐ PT/APTT Liver Enzymes	☐ Uric acid	☐ INR
☐ HBsAg Blood Sugar F/R	☐ HbA1c	☐ Anti HCV
☐ Rh Factor Serum B12	☐ Serum Folate	☐ T4

Pulp vitality: _____

Biopsy: _____

DIAGNOSIS: _____

REASSURANCE/COUNSELING

TREATMENT PLAN

PATIENT CONTENT

OPERATING NOTES

Anesthesia:

Procedure:

Instructions

Medications:

Follow up

CLINICAL PROTOCOL

GENERAL CLINIC REGULATIONS:

- The clinical supervisors ensure proper patient management and that their treatment being carried out expeditiously
- If the clinic OPD is busy, keep an eye on the patients who are waiting to be seen. If there is any such patient, do not keep him / her waiting, seat the patient, make your evaluation and present the patient to the clinical supervisor or senior.
- Attendants are not allowed to stay with the patient during procedure, except in pediatric and handicapped cases.
- Sitting on the dental chairs and table counters is not allowed in the oral and maxillofacial surgery department
- Principles of a-sepsis are adhered to at all possible levels.
 - 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
- Used instruments should be returned to the sterilization room by the operator him / herself
- Students, who have completed their clinical rotations in the department, will not be allotted patients until permitted by the head of department.

PATIENT MANAGEMENT PROTOCOL:

- Every patient must first be examined in the OPD before starting any procedure
- Those with scheduled appointments must be treated first before patients who are not on the list
- Procedural details should be discussed with the patients before any surgery and consent form to be obtained prior to donning gloves
- Patients are to make payments before any surgery is performed
- Ensure the return of radiographs to the patient before discharge

STUDENT'S CLINICAL GUIDELINES:

- Careful grooming, personal hygiene maintenance along with neat & clean appearance reflects essential traits of good surgical management
- Students are required to dress in suitable 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
 - Students failing to meet the department standards will not be permitted to work in the clinic
- Patients will be assigned by the clinical supervisors.
- Student are required to
 - Ensure presence of a completed medical history questionnaire in the record
 - 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 necessary radiographs, if required
 - Make a diagnosis and carve out a treatment plan
 - Clearly state the tooth/teeth to be extracted at that time
 - Obtain a signed consent form for anesthesia and procedure
 - Perform all procedures under supervision
 - Give appropriate verbal and written instructions for post-operative care
 - Write appropriate prescription for pain control
 - Record the treatment done and sign the patient record
 - Get supervisor's signature on the record
- Students are also asked to 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.

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.

ABBREVIATIONS

Large group discussion LGD

Small group discussion SGD

Case based discussion CBD

Case based learning CBL

Problem based learning PBL

Multiple choice question MCQ

Clinical evaluation exercise CEX

Direct observation of procedural skills DOPS