



Women Dental College, Abbottabad

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STUDY GUIDE

BDS 3RD YEAR

ORAL MEDICINE

Description:

Overview:

Program	Bachelor of Dental surgery
Course Name	Oral medicine
Contact Hours	100 hours theory 100 hours practical
Infrastructure Requirements	Lecture hall Clinical ward

Faculty Responsible for Course Conduction:

Sr.No	Faculty	Designation
1	Professor Dr. Faisal Pasha	Head of department
2	Dr. Komel Zeb	Lecturer
3	Dr. Zainab Shah	Lecturer

Details Of Supporting Staff:

Sr.No	Staff	Designation
1	Mr. waseem	Dental assistant
2	Mr Ashfaq hussain	Dental assistant

Objectives & Learning Strategies/TOS:



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S.No.	Topic	Learning Outcomes	Mode of Teaching	TeachingHours	Assessment Tools
1	Oral mucosa	Students will be able to Describe the Structure ,function, and age changes of oral mucosa Describe Abnormal oral mucosa	<ul style="list-style-type: none"> LGF 	1 hour	Mcqs
2	Principles of investigation and diagnosis	Demonstrate the History taking ,Examination Advice Investigations Diagnose different dental problems	<ul style="list-style-type: none"> LGF Small group discussion Role play in group of 4 students Observation opportunities in oral medicine ward 	4hrs	Formative ; Formative: Students will be provided peer and tutor feedback on role play. OSCES
3	Agents used in the treatment of oral diseases	List the Various routes of drugs administration <ul style="list-style-type: none"> Topical Systemic oral 	<ul style="list-style-type: none"> LGF Small group discussion in ward 	1 hr	Mcqs viva
4	Mucosal infections Infective and non infective	<ul style="list-style-type: none"> Identify the Diseases of oral mucosa i-e Bacterial viral and fungal infections Identify the Diseases of oral mucosa non-infective stomatitis i-e traumatic ulcers lichen planus lupus erythematosus erythema multiform pamphigus, pemphigiod 	<ul style="list-style-type: none"> LGF Small group discussion in ward Observation opportunities in oral medicine ward 	3 hr	Mcqs Seqs OSCEs Viva



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5	Disorders of lip and tongue halitosis	<ul style="list-style-type: none"> Describe the causes clinical features and treatment of tongue diseases diagnose tongue disorders Manage the diseases of tongue Define bad breath its causes and formulate management of bad breath 	<ul style="list-style-type: none"> LGF Small group discussion in ward Observation opportunities in oral medicine ward 	5 hrs	Mcqs Seqs OSCEs Viva
6	Benign chronic white mucosal lesions	<ul style="list-style-type: none"> Differentiate the various white lesions. Describe the causes, clinical features and treatment plan of benign chronic white mucosal lesion 	<ul style="list-style-type: none"> LGF Small group discussion in ward Observation opportunities in oral medicine ward 	<ul style="list-style-type: none"> 1hr 	Mcqs Seqs OSCEs Viva
7	Oral pre malignancy Oral squamous cell carcinoma	<ul style="list-style-type: none"> Define Different precancerous lesions and conditions and plan treatment of precancerous disorders. Identify precancerous lesion in patients Define Carcinogenesis Describe Etiology ,investigation, prevention of oral cancer Formulate management of oral cancer 	<ul style="list-style-type: none"> LGF Small group discussion in ward Observation opportunities in oral medicine ward 	4 hrs	Mcqs Seqs OSCEs Viva
8	Salivary glands diseases	<ul style="list-style-type: none"> Define Major and minor salivary glands Identify Diseases of salivary glands Advice Investigations for salivary glands 	<ul style="list-style-type: none"> LGF Small group discussion in ward on patients 	3 hrs	Mcqs Seqs OSCEs



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		<ul style="list-style-type: none"> Formulate the Management of diseases of salivary glands 			
9	Temporomandibular disorders	<ul style="list-style-type: none"> Classify different TMJ disorders Discuss clinical features of TMJ Disorders Formulate management of TMJ disorders Plan Investigations available for evaluation of TMJ disorders 	<ul style="list-style-type: none"> LGF Small group discussion in ward on patients Observation opportunities in oral medicine ward 	2 hrs	Mcqs Seqs OSCEs Viva
10	Orofacial pain	<ul style="list-style-type: none"> Classify orofacial pain Enlist the differential diagnosis of orofacial pain and distinguish different orofacial pain. Identify Clinical features, diagnosis of orofacial pain Describe management of; <ol style="list-style-type: none"> Trigeminal neuralgia Atypical facial pain Burning mouth syndrome 	<ul style="list-style-type: none"> LGF Small group discussion in ward on patients Observation opportunities in oral medicine ward 	4hrs	Mcqs Seqs OSCEs Viva
11	Medically compromised patient	Plan the dental management of patients with <ol style="list-style-type: none"> Blood disorders Cardiovascular diseases Pulmonary diseases Gastrointestinal disease Endocrine disorders and 	<ul style="list-style-type: none"> LGF Small group discussion in ward on patients Observation opportunities in oral medicine 	10 hrs	Mcqs Seqs OSCEs Vivae



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		VI. pregnancy Neurological diseases VII. Genitourinary diseases VIII. Chemotherapy and radiotherapy	ward		
12	Emergencies in dental practice	Formulate the management of dental patient undergoing dental emergency i-e <ul style="list-style-type: none"> Sudden loss of consciousness Acute chest pain convulsions 	<ul style="list-style-type: none"> LGF Small group discussion in ward on patients Observation opportunities in oral medicine ward 	4hrs	Mcqs Seqs Viva
13	Professional hazards in dentistry	<ul style="list-style-type: none"> List the Various hazards in dentistry and its prevention 	<ul style="list-style-type: none"> LGF 	1hr	Mcqs

LearningResources:

Sr.No	Text/ReferenceBooks	Edition
1	Oral medicine by W.R. Tyldesley	Fifth Edition
2	Oral medicine and pathology by Cawson and Odell	Ninth Edition
3	Oral and maxillofacial Medicine by C.SCULLY	Fourth Edition

AdditionalLearningResources:

Hands on	History taking, examination, x-rays evaluation and diagnosis, sensitivity test performance, prescription.
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Videos	https://youtu.be/F_UY0pgMAEQ https://youtu.be/yYzab1nq6t4 https://www.youtube.com/watch?v=WmgF97Ku7oY&pp=ygUmY2xpbmljYWwgZXhhbWluYXRpb24gb2YgZGVudGFsIGNhcmllcyA%3D
Internet Resources	Journal of medical case report https://www.medscape.com/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2740306/ Wikipedia Youtube

Assessment Methods:

MCQs:

Multiple Choice questions

SEQs

Short essay questions

OSCE: Objective Structured Clinical examination

Presentation:

Multiple Choice Questions:

1. Single best type MCQs having five options with one correct answer and four distracters are part of assessment.
2. Correct answer carries one mark, and incorrect will be marked zero. Rule of negative marking is not applicable.
3. Students mark their responses on specified computer-based designed sheet.
4. There are 25 MCQs in objective part of exam of ORAL MEDICINE, time provided 30 minutes.
5. Total marks for section A 25.

Short essay Questions

1. In short essay questions students are allowed to write correct, short, concise information on asked topics, answer should be clearly stated, related to the topic.
2. Students can add extra ideas and information related to the same topic, however, over writing or irrelevant writing is not allowed and will be not awarded any marks.
3. Each SEQ carry equal (5) marks, students have to attempt 5 out



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of 9 SEQs they have choice of 4 questions in ORAL MEDICINE.

4. Total marks for this section is 25 and time is 1 and half hour as per examination rule of KMU.

Objective Structured Clinical Examination

1. **FIVE OSCEs** stations are used for formative as well assummative assessment each carry 4 marks.
2. Time allocated for each station is five minute as per Examination rules of Khyber Medical University, Peshawar.
3. All students are Rotated through the same stations.
4. Stations used are unobserved, observed, interactive and rest stations.
5. On unobserved stations have lab reports, radiographs, Pictures of various diseases, case scenarios may be used to assess cognitive domain.
6. On observed station, examiners don't interact with candidate and just observe the performance of skills/procedures.
7. On interactive station, examinerask questions related to the task within the allocated time.
8. On rest station, students are not given any task. They just wait to move to the next station.

Presentation:

Students are given topics for presentation either individually or in groups. They are encouraged to prepare presentations on power point to enhance their understanding of the topic.

Internal Assessment Criteria:

1. 10% weightage of Internal Assessment in professional exam is policy of Khyber Medical University.
2. This Internal Assessment will comprise of following components



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- a) Attendance **3%**
- b) Monthly tests **3%**
- c) Midterms **2%**
- d) Pre-Prof **2%**

Examination Rules & Regulations:

1. One class test of the subject may be held monthly, marks of which will be included in internal assessment. Marks for class test can vary according to syllabus and teachers' choice.
2. Mid-Term exam comprising 25 MCQs of single best type and 25 marks SEQs will be held in the middle of the session.
3. Pre-prof Exam comprising 25 MCQs of single best type and 25 marks SEQs will be conducted at the end of session before prep leaves.
4. The pattern of classtests, Mid-term & Pre-prof will be same as the Professional Exam taken by Khyber Medical University, Peshawar.
5. OSCEs will be conducted at the end of Mid-term & pre-prof Exam.
6. Ward test is conducted at the end of ward rotation.

Feedback On Examination:

1. Students' feedback on assessment strategies will be taken in a preformed proforma for feedback twice a year i.e., Mid-term and pre-prof exams.
2. Feedback of theory as well as OSPE & Viva will be taken.
3. Department of Medical Education & Quality Enhancement Cell in collaboration with Exam Cell of WDC is responsible to conduct this exercise.



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Model Questions:

Multiple Choice Question

Mcqs

In immunostaining technique, when autoantibody binds to basement membrane it indicates:

- a) pemphigoid
- b) pemphigus
- c) myeloma
- d) lymphoma
- e) undifferentiated tumor

KEY

correct answer is A

Short Answer Question:

Question: Qn1. A 50 years old female patient came to department of oral medicine with complaint of burning sensation in mouth and difficulty in swallowing. On intraoral examination, there was white curd like appearance on tongue and tonsils that can be scraped off with underlying erythematous surface.

- a. What is your probable diagnosis?
- b. How will you manage this patient?

KEY

answer

- a. Fungal infection (Candidiasis)
- b. Management:
 - Clinical history and examination
 - Smear for confirmation
 - Predisposing causes treated
 - Medication
- c. Topical
 - Nystatin oral drops 500,000 units 4 times daily for 7-10 days
 - Amphotericin 10mg 4 times daily for 10-14 days

Suggestions For Next Academic Year:



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Prepared By:

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Dr. komel Zeb Lecturer