



# Course Specifications

Institution:	College of Dentistry
Academic Department :	Maxillofacial surgery and Diagnostic sciences [MDS]
Program :	Bachelor of Dentistry [ BDS ]
Course :	Oral Pathology
Course Coordinator :	Saleem Shaikh
Program Coordinator :	Abdul Rahman Al Atram
Course Specification Approved Date :	16/11 / 1435 H



## A. Course Identification and General Information

1 - Course title :	Oral Pathology	Course Code:	MDS 233
2. Credit hours :	2 hours in each semester		
3 - Program(s) in which the course is offered:	Bachelor of Dentistry		
4 – Course Language :	English		
5 - Name of faculty member responsible for the course:	Saleem Shaikh		
6 - Level/year at which this course is offered :	2 <sup>nd</sup> Year 1 <sup>st</sup> & 2 <sup>nd</sup> Semester		
7 - Pre-requisites for this course (if any) :	<ul style="list-style-type: none"> <li>General Anatomy, histology and embryology; Human physiology</li> </ul>		
8 - Co-requisites for this course (if any) :	<ul style="list-style-type: none"> <li>None</li> </ul>		
9 - Location if not on main campus :			
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	50 %
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage?	..... %
D - e-learning	<input type="checkbox"/>	What percentage?	..... %
E - Correspondence	<input type="checkbox"/>	What percentage?	..... %
F - Other	<input checked="" type="checkbox"/>	What percentage?	50 %
Comments : Practical labs and slides demonstration			
Lectures are uploaded online and practical are conducted in the lab.			

## B Objectives

<p><b>What is the main purpose for this course?</b></p> <p>The purpose of this course is for the students to understand and know how to apply the following principles for each specific disease to be studied:</p> <ul style="list-style-type: none"> <li>The Etiology</li> <li>The Pathogenesis.</li> <li>The clinical characteristics such as age, sex, site and prominence.</li> <li>The clinical, microscopical and the radiographic appearance of lesions and their differentiation from the normal tissue.</li> <li>The principles of treatment and prognosis</li> </ul>
<p><b>Briefly describe any plans for developing and improving the course that are being implemented :</b></p> <ol style="list-style-type: none"> <li>Presentation should be given on projectors.</li> <li>Power point presentation for lectures.</li> <li>Group discussion should be held.</li> </ol>





## C. Course Description

The course provides a basis for the clinical practice in which the students will be engaged during the coming years and after graduation. The students will gain sufficient knowledge to help them distinguish between oral tissues in health and disease, identify diseases of the teeth, periodontium, maxilla and mandible including the face, oral mucous membranes and associated soft tissues and orofacial manifestations of systemic diseases. The causes of the various diseases and the microscopic appearance of the developed lesions are emphasized. The underlying basic pathological principles are also stressed, in addition to the clinical appearance of the lesions, which is also studied to provide introductory basis for clinical differential diagnosis.

### 1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Introduction Definitions of oral pathology and its field. Normal orofacial structures. Types of microscopes Common stains used in oral pathology	1	1
Developmental anomalies of lip & jaw Orofacial Clefts. Anomalies of lip Syndromes associated with these defects	1	1
Developmental anomalies tongue Anomalies of tongue Syndromes associated with these defects	1	1
Developmental anomalies of teeth Developmental alterations of teeth Developmental alterations in the number of teeth. Developmental alterations in the size of teeth. Developmental alterations in the shape of Teeth. Developmental alterations in the structure of teeth.	2	2
Eruption cyst. Primordial cyst. Odontogenic kerato cyst. Ortho-keratinized odontogenic cyst. Nevoid Basal Cell Carcinoma Syndrome. Gingival Cyst of the Newborn. Gingival Cyst of the Adult. Lateral Periodontal Cyst Calcifying Odontogenic Cyst. Glandular Odontogenic Cyst. Buccal Bifurcation Cyst. Carcinoma Arising in Odontogenic Cysts.	2	2



<p>Odontogenic tumors</p> <p>Tumors of odontogenic epithelium</p> <p>Mixed odontogenic tumors</p> <p>Tumors of odontogenic mesenchyme</p>	2	2
<p>Keratotic lesions</p> <p>Leukoplakia</p> <p>Hair tongue</p> <p>White spone nevus</p> <p>Smokers palate</p> <p>Oral hairy leukoplakia</p> <p>Lichen planus</p> <p>Linea alba</p> <p>Verrucous carcinoma</p>	2	2
<p>Dental caries</p> <p>Definition</p> <p>Classification of dental caries</p> <p>Bacterial implicated in dental caries</p> <p>Role of plaque in dental caries</p> <p>Stephan curve</p> <p>Factors affecting plaque formation</p> <p>Saliva and dental caries</p> <p>Microscopic features of enamel and dentin caries.</p>	1	1
<p>Periapical diseases</p> <p>Pulpitis.</p> <p>Secondary dentin</p> <p>Pulpal calcifications.</p> <p>Periapical granuloma.</p> <p>Periapical cyst.</p> <p>Periapical abscess.</p> <p>Cellulitis.</p> <p>Osteomyelitis.</p> <p>Diffuse sclerosing osteomyelitis.</p> <p>Condensing osteitis.</p>	1	1
<p>Diseases of salivary glands</p> <p>Introduction</p> <p>Benign salivary gland tumors</p> <p>Pleomorphic adenoma</p> <p>Monomorphic adenoma</p> <p>Papillary cysadenoma lymphatosum</p> <p>Oncocytoma</p> <p>Malignant salivary gland tumors</p> <p>Mucoepidermoid carcinoma</p> <p>Adenoid cystic carcinoma</p> <p>Acinic cell carcinoma</p> <p>Polymorphous low grade adenocarcinoma</p> <p>Mucocele</p>	2	2



Mucous retention cyst Chronic sclerosing sialadenitis Necrotizing sialometaplasia Sjogren syndrome		
Diseases & tumors of connective tissue Introduction Tumors of fibrous tissue origin Tumors of muscle tissue origin Tumors of nerve tissue origin Tumors of adipose tissue origin Tumors of Vascular tissue origin	2	2
Bacterial infections Introduction Necrotizing ulcerative gingivitis. Noma. Actinomycosis. Impetigo. Tonsillitis an pharyngitis. Scarlet fever. Syphilis. Tuberculosis.	1	1
Viral and fungal infections Introduction Fungal infections Pseudomembranous candidiasis Erythematous Pseudomembranous Erythematous Hyperplastic candidiasis Denture stomatitis Angular cheilitis Median rhomboid glossitis Herpes viruses Paramyxovirus Papovirus Retroviruses	1	1
Diseases of bone Introduction Benign Fibro-Osseous lesions: Paget disease Osteopetrosis Osteogenesis imperfecta Osteoma Ostoid osteoma and osteoblastoma	1	1
Oral epithelial tumors Introduction	2	2



Benign epithelial lesions Malignant epithelial neoplasms Premalignant lesions and conditions		
Regressive alterations Introduction Abrasion Attrition Erosion Abfraction Resorption of teeth	1	1
Forensic odontology Introduction Terminologies General overview	1	1

**2. Course components (total contact hours and credits per semester):**  
For both first and second semester

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
<b>Contact Hours</b>	<b>1</b>	.....	.....	<b>3</b>	.....	60
<b>Credit</b>	<b>1</b>	.....	.....	<b>1</b>	.....	2

**3. Additional private study/learning hours expected for students per week.**

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**4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy**

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
<b>1.1</b>	Basic knowledge regarding the disease process.	Lectures, demonstrations	Written examination, Quiz
<b>1.2</b>	Knowledge of the terminology used	Lectures, demonstrations, practical	Written examination, Quiz, practical





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.3	Difference between physiologic and pathologic conditions.	Lectures, demonstrations	examination Written examination, Quiz, practical examination
1.4	Understanding the pathogenesis of various diseases	Lectures, demonstrations	Written examination, Quiz, practical examination
<b>2.0</b>	<b>Cognitive Skills</b>		
2.1	Students should be able to define, describe all the various diseases	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.2	Students should be able to paraphrase the topic learned.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.3	Summaries the lengthy topics.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
3.1	Should learn to take manage a group task and work with others	Students will be divided into small groups and tasks will be assigned to the group  Part of some lectures will be specified for group discussions.	The group task will be supervised closely to evaluate the work done by each student
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	The students should use medical terminology in English, verbally	Seminar presentation	Seminar evaluation
4.2	The students should refer to the text book as well as internet web sites for their more information.	Research and group discussions	Written examination and research presentation
<b>5.0</b>	<b>Psychomotor</b>		
5.1	None		
5.2			





## 5. Schedule of Assessment Tasks for Students During the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	Quiz and seminar	During the semester	10%
2	General Assessment	During the semester	10%
3	Mid term	7 <sup>th</sup>	30%
4	Oral Exam	14 <sup>th</sup>	10%
5	Practical exam (final term)	14 <sup>th</sup>	10%
6	Theory exam (final term)	14 <sup>th</sup>	30%
7	Total		100%

### D. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Office hours

Tue:

10:00 to 12:00 noon

Wed:

11:00 to 1:00 pm

### E. Learning Resources

#### 1. List Required Textbooks :

Shafer's textbook of Oral pathology; R. Rajendran and S. Shivpathasundaram; ELSEVIER 2011, Fourth Edition

#### 2. List Essential References Materials :

- Oral Pathology: Clinical - Pathologic Correlations; Joseph A. Regezi ,James J. Sciubba and Richard C. K. Jordan ELSEVIER Third Edition

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#### 3. List Recommended Textbooks and Reference Material :

- Oral pathology; J. V. Soames and J. C. Southam; OXFORD

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#### 4. List Electronic Materials :

- [www.teleoralpathology.com](http://www.teleoralpathology.com)

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## 5. Other learning material :

- .....
- .....
- .....

## F. Facilities Required

### 1. Accommodation

- A class room with a seating capacity of 30 students
- A spacious laboratory for practical

### 2. Computing resources

- One computer in the classroom,
- Projector.
- Smart board.
- Data show Projector.
- Smart board.
- Data show

### 3. Other resources

- Microscopes
- Microscopic slides
- Soft tissues specimens and casts of anomalies

## G Course Evaluation and Improvement Processes

### 1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- The students will be given a feedback form, which can be submitted to the course director or to the dean which will help in improvement of the subject teaching

### 2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

The head of the department or the Dean has informal meetings with groups of students to discuss the contents of the course, method of teaching to evaluate the course and the instructor.

The dean randomly attends lectures to assess the instructor. The power point presentation of each lecture is distributed to all the staff members of the department for evaluation and suggestions for improvement

### 3 Processes for Improvement of Teaching :

- Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self-improvement

### 4. Processes for Verifying Standards of Student Achievement

Other staff members are invited to attend the seminar presentation of students to verify the standards of student learning and their work.





**5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :**


Meetings will be conducted every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.

**Course Specification Approved  
Department Official Meeting No ( 1 ) Date 16 / 11 / 1436 H**

**Course's Coordinator**

**Name :** Dr. Saleem Shaikh  
**Signature :** .....

**Department Head**

**Name :** Mouetaz Kheirallah  
**Signature :**   
**Date :** 16 / 11 / 1436 H

