

نموذج وصف المقرر

Oral and maxillofacial pathology

1-Course name					
Oral and maxillofacial pathology					
2-Course code					
DEN11427					
3-Semester /year					
First and second semester 2024-2025					
4-Date of preparing this description					
20/7/2025					
5-Types of attendance					
Theory and practical					
6- Total number of study hours					
60 hours theory and 90 hours practical					
7- Name of the instructor					
<a href="mailto:miach680@gmail.com">miach680@gmail.com</a> Lectural doctor mohammed ihsan abed chabuk      Email :					
8-Course objectives					
The main objective is to increase health promotion and treat patients suffering from problems				Study objectives	
9-Teaching and learning methods					
Power point lectures Daily quiz				Strategy	
10-Course structure					
Evaluation method	Learning method	Unit name /course of topic	Required learning outcomes	hours	Week
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	<b>Introduction - Biopsy - Oral and maxillofacial pathology</b> <b>- Surgical Pathology – Biopsy - Some general rules for the biopsy procedure</b> <b>- Technical points to be considered by the surgeon in a biopsy procedure -</b> <b>Indications for biopsy -</b> <b>Laboratory techniques in histopathology - Special stains –</b> <b>Immunohistochemistry -</b> <b>Digital pathology and telepathology - Surgical pathology report</b>	Oral and maxillofacial pathology	2	1
		<b>Dental caries - species of bacteria - Role of dental plaque -</b> <b>- Histopathology of enamel caries -Caries of dentin - Protection reaction</b>	Oral and maxillofacial pathology	2	2

		<b>of dentin and pulp under caries - Defensive mechanism of dentinal tubule and the vital pulp - Root surface caries[Cemental caries]- Immunological aspects of dental caries</b>			
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Disorders of the dental pulp (pulp diseases, pulpitis)- Pulpitis- Barotrauma (aerodontalgia)- Pulp necrosis- Diagnosis of pulp pain- Pulp calcification-Age changes in the pulp	Oral and maxillofacial pathology	2	3
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Periapical pathology- Periapical periodontitis is different from pulpitis- Chronic apical periodontitis (periapical granuloma)- Acute periapical periodontitis- Acute periapical abscess-Cellulitis- Radicular cyst- Cyst contents- Cyst expansion	Oral and maxillofacial pathology	2	4
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Inflammatory diseases of the bone- Osteomyelitis- Focal sclerosing osteitis- Diffuse sclerosing osteomyelitis- Chronic osteomyelitis with proliferative periostitis- Osteoradionecrosis- Bisphosphonate associated osteonecrosis- Alveolar osteitis (dry socket, fibrinolytic alveolitis)	Oral and maxillofacial pathology	2	5
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Fibro - osseous lesions- Fibrous dysplasia (FD)- Ossifying fibroma[OF]- Juvenile ossifying fibroma- Cemento-osseous dysplasia (COD)	Oral and maxillofacial pathology	2	6
Daily Semester Midterm Final امتحانات exams	Theoretical lectures using PDF and POWER	Giant cell lesions- Peripheral giant cell granuloma (giant cell epulis)- Central giant cell granuloma	Oral and maxillofacial pathology	2	7

	POINT	(giant cell lesion; giant cell tumor)- Giant cell tumor- CHERUBISM- ANEURYSMAL BONE CYST- Hyperparathyroidism			
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Metabolic and genetic diseases of bone- Osteogenesis imperfect- Osteopetrosis (albers-schonberg disease; marble bone disease)- Cleidocranial dysplasia- Focal osteoporotic marrow defect- Idiopathic osteosclerosis- Paget's disease of bone (osteitis deformans)- Massive osteolysis (gorham disease; gorham stout syndrome; vanishing bone disease; phantom bone disease)	Oral and maxillofacial pathology	2	8
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Bone neoplasms- Benign tumors- Osteoma- Gardner syndrome- Osteoid osteoma- Osteoblasoma "giant osteoid osteoma"- Desmoplastic fibroma- Hemangioma of bone	Oral and maxillofacial pathology	2	9
Daily Semester Midterm Final exams	محاضرات نظريه باستخدام PDF and POWER POINT	MALIGNANT BONE TUMORS- Jaw tumor Osteosarcoma- Cartilage forming tumors Chondroma- Chondrosarcoma- MARROW TUMORS Ewing's sarcoma/primitive neuroectodermal tumor- Malignant lymphoma- Large cell lymphoma- Burkitt's lymphoma- Angiocentric T- cell lymphoma- Multiple myeloma (MM)- Plasmacytoma	Oral and maxillofacial pathology	2	10
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER	DEVELOPMENTAL DEFECTS OF THE ORAL AND MAXILLOFACIAL REGION- Developmental disturbances of the oral	Oral and maxillofacial pathology	2	11

	POINT	<p>region- Disorders of development of teeth- Developmental alterations in the number of teeth- Developmental alterations in the size of teeth- Localized disturbances in eruption- Developmental alterations in the shape of teeth- Odontoma like lesions- Developmental alterations in the structure of teeth- DEFECTS OF ENAMEL</p> <p>Amelogenesis imperfect- DEFECTS OF DENTIN</p> <p>Dentinogenesis imperfect- DEFECTS OF ENAMEL AND DENTIN</p> <p>Regional odontodysplasia- ENVIRONMENTAL EFFECTS ON TOOTH STRUCTURE DEVELOPMENT</p> <p>Environmental defects of enamel-Post developmental loss of tooth- Internal and external resorption- Environmental discoloration of teeth</p> <p>Exogenous stains- Endogenous stains</p>			
<p>Daily</p> <p>Semester</p> <p>Midterm</p> <p>Final</p> <p>exams</p>	<p>Theoretical</p> <p>lectures</p> <p>using</p> <p>PDF and</p> <p>POWER</p> <p>POINT</p>	<p>Developmental defects of the soft tissue-OROFACIAL CLEFTS-Congenital lip pits- Fordyce's granules- Leukoedema- White sponge nevus- Oral tonsil- Reterocuspeid papilla- MICROGLOSSIA (HYPOGLOSSIA)- MACROGLOSSIA- ANKYLOGLOSSIA (TONGUE-TIE)- Lingual thyroid nodule- FISSURED TONGUE (SCROTAL TONGUE)- AIRY TONGUE (BLACK HAIRY TONGUE)- VARICOSITIES (VARICES)- LATERAL SOFT PALATE FISTULAS- Developmental defects of the bone- EAGLE</p>	<p>Oral and</p> <p>maxillofacial</p> <p>pathology</p>	2	12

		<p>SYNDROME- STAFNE DEFECT (STAFNE BONE CYST)</p> <p>Developmental cysts-</p> <p>Nasopalatine duct cyst-</p> <p>Nasolabial cyst-</p> <p>Lymphoepithelial cysts-</p> <p>Oral lymphoepithelial cyst-</p> <p>Cervical lymphoepithelial cyst-</p> <p>hyroglossal tract cyst-</p> <p>Dermoid cyst- Epidermoid cyst-</p> <p>GLOBULO MAXILLARY CYST</p>			
<p>Daily</p> <p>Semester</p> <p>Midterm</p> <p>Final</p> <p>exams</p>	<p>Theoretical</p> <p>lectures</p> <p>using</p> <p>PDF and</p> <p>POWER</p> <p>POINT</p>	<p>ODONTOGENIC CYSTS AND TUMORS-</p> <p>Dentigerous cyst (DC)-</p> <p>Eruption cyst (eruption hematoma)-</p> <p>Odontogenic keratocyst (OK)-</p> <p>Orthokeratinized OC-</p> <p>Lateral periodontal C.-</p> <p>Gingival cyst of the adult-</p> <p>Gingival cyst of newborn (alveolar)-</p> <p>Glandular odontogenic cyst-</p> <p>Calcifying OC (calcifying chost cell OC)</p> <p>Gorlin cyst</p>	<p>Oral and maxillofacial pathology</p>	2	13
<p>Daily</p> <p>Semester</p> <p>Midterm</p> <p>Final</p> <p>exams</p>	<p>Theoretical</p> <p>lectures</p> <p>using</p> <p>PDF and</p> <p>POWER</p> <p>POINT</p>	<p>Odontogenic tumors-</p> <p>Ameloblastoma- Malignant ameloblastoma and ameloblastic carcinoma-</p> <p>Calcifying epithelial odontogenic tumor (pindborg tumor)-</p> <p>Clear cell odontogenic tumor or carcinoma-</p> <p>Adenomatoid OT-</p> <p>Squamous OT-</p> <p>Ameloblastic fibroma-</p> <p>Ameloblastic fibro odontoma-</p> <p>Ameloblastic fibro sarcoma-</p> <p>Odonto ameloblastoma-</p> <p>Odontoma-</p> <p>Odontogenic fibroma-</p> <p>Granular cell odontogenic tumor-</p> <p>Non epithelial cysts-</p> <p>Stafne's bone cyst-</p> <p>Traumatic bone cyst-</p> <p>Surgical ciliated cyst-</p> <p>Aneurysmal bone cyst-</p> <p>Large vascular sinusoids</p>	<p>Oral and maxillofacial pathology</p>	2	14
Daily	Theoretical	Oral mucosal lesions-	Oral and	2	15

Semester Midterm Final exams	lectures using PDF and POWER POINT	Epithelial changes- Viral infections- Herpes simplex virus (HSV) infections- Varicella zoster virus infection- Herpangina- Hand-foot-and-mouth disease- Measles (Rubeola) and german measles	maxillofacial pathology		
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Bacterial infections- Necrotizing ulcerative gingivitis- Noma ( cancrum oris, gangrenous stomatitis)- Syphilis- Tuberculosis- Actinomycosis- Fungal infections- Candidal infection (candidiasis)- Deep fungal infections - Human immunodeficiency virus (HIV) infections and AIDS- Oral manifestations	Oral and maxillofacial pathology	2	16
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Salivary gland lesions and tumors- Sialadenitis- MUMPS (EPIDEMIC PAROTITIS)- Salivary calculi (sialoliths)- Sjogren's syndrome-P leomorphic adenoma (benign mixed tumor)- Warthins tumor: (adenolymphoma, papillary cystadenoma lymphomatosum)- Malignant tumors of salivary gland- MUCOEPIDERMOID CARCINOMA- ADENOID CYSTIC CARCINOMA	Oral and maxillofacial pathology	2	17
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Primary oral ulcerative and vesiculobullous lesions of the oral cavity- Minor aphthous ulcers- Major aphthous ulcers- Herpetiform aphthous ulcers- Erythema multiforme- Behcet' s syndrome-LUPUS ERYTHEMATOSUS- Traumatic ulcerations- Traumatic granuloma- NECROTIZING SIAIOMETAPLASIA-	Oral and maxillofacial pathology	2	18

		Pemphigus vulgaris- Mucous membrane pemphigoid			
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Connective tissue neoplasms and allied conditions- Hyperplastic lesions- Neoplasm of fibrous tissue- Fibromatosis- Fibrosarcoma- Benign and malignant fibrous histiocytoma- Vascular lesions- Congenital hemangioma and vascular malformations- Lymphangioma- Angiosarcoma- Kaposi sarcoma-Neural lesions- Muscle lesions- Tumor of adipose tissue- Tumor of smooth muscle origin- Metastatic tumors	Oral and maxillofacial pathology	2	19
Daily Semester Midterm Final exams	Theoretical lectures using PDF and POWER POINT	Tissue repair-Healing by regeneration and fibrosis- Homeostasis- Growth factors- Wound healing- HEALING OF BONE FRACTURE- Fracture healing	Oral and maxillofacial pathology	2	20
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Degrees divided : First semester 7.5 theory and 5 practical =12.5% Midterm 10 theory and 5 practical =15% Second semester 7.5 theory and 5 practical =12.5% Year degree =40% Final exam 35 theory and 25 practical =60% Final degree 100%					
<b>12-References</b>					
Teaching books Scientific magazine Internet					

Lectural doctor

Mohammed Ihsan Chabuk