

Course Objective	Program Learning Outcomes	DH Competencies	Program Goals	College Core Learning Outcomes (CLOs)	Activities or Assignment
1. Define general appearance and definitions of lesions, and the diagnostic process including: clinical, radiographic, historic, laboratory, surgical, therapeutic, and differential.	LO-a, b, c, e, h, j	C-1, 3, 4, 6, 12; HP-2, 3, 4, 5; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Describing Oral Lesions Activity
2. Describe and identify the clinical appearance of Fordyce's granules (spots), tori, varicosities, fissured tongue, geographic tongue, hairy tongue, ectopic tongue.	LO-a, b, c, e	C-1, 3, 4, 6, 12; HP-4; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
3. Describe radiographic and historical data relevant to cementoma.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
4. Describe clinical and histological differences between leukoedema and linea alba.	LO-a, b, c, e	C-1, 3, 4, 6, 12;HP-3, 4; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
5. List five cardinal visible signs and three systemic signs of inflammation.	LO-a	C- 3, 4, 6; PC-1, 2, 4	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think	Quizzes
6. Describe the inflammatory process including three primary types of associated white blood cells and their functions.	LO-a, b, c, e	C- 3, 4, 6; HP-5; PC-1, 2, 4	E-1, 2, 3	Think	Quizzes
7. Describe the difference between acute and chronic inflammation.	LO-a, b, c, e	C- 3, 4, 6; HP-5; PC-1, 2, 4	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply	Quizzes
8. Describe the healing process including: primary, secondary, and third intention; microscopic events.	LO-a, b, c, e	C- 3, 4, 6; PC-1, 2, 4	E-1, 2, 3	Think	Quizzes
9. Contrast the difference between hyperplasia, hypertrophy, attrition, abrasion and erosion.	LO-a, b, c, e	C- 3, 4, 6; PC-1, 2, 4, 6, 7, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
10. Describe the relationship of abrasion and bruxism.	LO-a, b, c, e	C- 3, 4, 6; HP-3; PC-1, 2, 4, 6, 7	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
11. Describe the clinical features and treatments for the following: aspirin burns, burns, traumatic ulcers, frictional keratosis, nicotine stomatitis, linea alba, solar cheilitis, mucocele, ranula, pyogenic granuloma, giant cell granuloma, irritation fibroma, epulis, papillary and gingival hyperplasia.	LO-a, b, c, e	C- 1, 3, 4, 6, 12; HP-2, 3, 4, 5; PC-1, 2, 4, 6, 7, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
12. Define sialolithiasis	LO-a	C-1, 3, 4, 6, 12; PC-1, 2, 4, 22	E-1, 2, 3	Think	Quizzes
13. Describe differences (radiographic, histologically, and clinically) between	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7,11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam

	periapical granuloma, cyst and abscess					
14.	Describe differences between inflammation and immune response.	LO-a, b, c, e	C- 3, 4, 6; PC-1, 2, 4	E-1, 2, 3	Think	Quizzes
15.	Describe the following: two types of lymphocytes, macrophage and their function, humoral and cell-mediated immune responses	LO-a, b, c, e	C- 3, 4, 6; PC-1, 2, 4	E-1, 2, 3	Think	Quizzes
16.	List four types and examples of hypersensitive reactions.	LO-a, b, c, e	C- 3, 4, 6; HP-3, 4, 6; PC-1, 2, 4, 22	E-1, 2, 3	Think	Quizzes
17.	Describe the clinical features of three types of aphthous ulcers and three diseases associated with them.	LO-a, b, c, e	C-1, 3, 4, 6, 12; HP-4, 5; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply	Quizzes; Slide Show Exam
18.	Describe the clinical features and compare the following: urticaria, angioedema, fixed drug eruption, erythema multiform and lichen planus.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
19.	Describe the lesions and systemic signs of Riter's Syndrome.	LO-a	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17	E-1, 2, 3	Think	Quizzes
20.	Describe the oral manifestations of the following auto-immune diseases: Lupus E., Pemphigus V., Pemphigoid, Sjogrens and Behcet's.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
21.	Describe the clinical features of desquamative gingivitis.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 13, 14, 16,17	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
22.	Describe the route of transmission, organism, oral lesions, and how to make diagnosis of the following infectious diseases: Tuberculosis, Actinomycosis, Syphilis, Verruca V., Condyloma A., Primary Herpetic Gingivostomatitis.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
23.	Describe the four forms of oral candidiasis.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 13, 14, 16,17	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
24.	Describe the clinical features of the following: herpes labialum,, herpes zoster.	LO-a, b, c, e	C-1, 3, 4, 6, 12; HP-2, 3, 4, 5; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
25.	Name the two diseases for which a cytologic smear is useful.	LO-a	C-3, 4	E-1, 2, 3	Think	Quizzes
26.	List the four diseases associated with the Barr-Epstein virus.	LO-a	PC-1, 2, 4, 6, 7, 16	E-1, 2, 3	Think	Quizzes
27.	Define inherited disorders.	LO-a	C-1, 3, 4; PC-1, 2, 4, 16	E-1, 2, 3	Think	Quizzes
28.	Describe the embryonic development of the face and oral cavity.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 16	E-1, 2, 3	Think	Quizzes
29.	Describe the difference between odontogenic and	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 16	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply	Quizzes; Slide Show Exam

	non odontogenic cysts and four cysts of each type which are extraosseous and four each that are intraosseous.					
30.	List and define three anomalies that affect the number, size and shape of teeth.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
31.	Identify anomalies that affect eruption.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
32.	Define the difference between a malignancy and a benign lesion; leukoplakia and erythroplakia.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think	Quizzes
33.	Define and describe clinical features and treatment for the following neoplasms: papilloma, Squamous cell carcinoma, V. Carcinoma, Basal cell carcinoma, ameloblastoma, myxoma, cementifying cementoma, ameloblastic fibroma, odontoma (complex and compound), lipoma, hemangioma, lymphangioma, Melanoma, tori, exostosis, osteoma, ossifying fibroma, Osteogenic sarcoma, chondrosarcoma, leukemia, lymphoma, multiple myeloma, and metastatic jaw tumors.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
34.	Describe the purpose of mitosis and meiosis	LO-a	C-3; PC-16	E-1, 2, 3	Think	Quizzes
35.	List the four inheritance patterns.	LO-a	C-3, PC-16	E-1, 2, 3	Think	Quizzes
36.	Describe what is meant by X-linked inheritance.	LO-a	C-3; PC-16	E-1, 2, 3	Think	Quizzes
37.	State the inheritance pattern and describe the oral manifestations of the following: Cherubism, Mandibulofacial Dysostosis, Osteogenesis Imperfecta, and White spongy nevus.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7,16, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
38.	List the four types of Amelogenesis Imperfecta.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 16	E-1, 2, 3	Think	Quizzes; Slide Show Exam
39.	Briefly compare and contrast the following: dentinogenesis imperfecta, amelogenesis imperfecta and dentin dysplasia (radiographically and clinically).	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
40.	State the oral manifestations of the following: hyperthyroidism, diabetes mellitus, Addisons.	LO-a, b, c, e	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
41.	Describe the radiographic	LO-a	C-1, 3, 4, 6, 12; PC-1,	E-1, 2, 3, 4	Think	Quizzes; Slide Show

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features of Paget's disease.		2, 4, 6, 7, 16, 22		Apply Communicate	Exam
42. Define rickets and osteomalacia.	LO-a	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6	E-1, 2, 3	Think	Quizzes
43. Compare the cause and oral manifestations of the following: pernicious anemia, vitamin B-12 deficiency, and folic acid deficiency.	LO-a, b, c, e, h	C-1, 3, 4, 6, 12; HP-3, 4, 5; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes; Slide Show Exam
44. List two causes of T. Purpura.	LO-a	C-1, 3, 4, 6, 12; C-3	E-1, 2, 3	Think	Quizzes
45. Describe the difference between primary and secondary immunodeficiency.	LO-a, b, c, e, h	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Communicate	Quizzes
46. List five oral manifestations of AIDS and the spectrum of the disease.	LO-a, b, c, e, h, j	C-1, 3, 4, 6, 12; HP-2, 3, 4, 5; PC-1, 2, 4, 6, 7, 11, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply	Quizzes
47. Apply and develop skill in differential diagnosis and documentation of lesions/conditions using case studies.	LO-a, b, c, e, h, j	C-1, 3, 4, 6, 12; PC-1, 2, 4, 6, 7, 11, 12, 13, 14, 16,17, 22	E-1, 2, 3; PC-1, 2, 4, 5, 6, 7	Think Apply Create Communicate	Quizzes; Slide Show Exam; Describing Lesions Activity