ORAL DIAGNOSIS, RADIOMETRY AND PATHOLOGY (ODRP)

Courses

ODRP 311. General and Oral Pathology DH. 5 Units.
Basic disease processes and selected organ system diseases. Discusses common and important oral mucosal, soft tissue, and jaw lesions. Emphasizes signs for early recognition and differential diagnosis.

ODRP 501. Principles of Microbiology DN. 4 Units.
Fundamentals of general and oral microbiology and the principles of infection and treatment supported by current research data. Discusses bacterial, viral, and fungal diseases pathogenic to humans in the context of the immunological basis of the host/pathogen relationship. Emphasizes organisms relevant to dentistry, as well as causative agents of dental disease. Studies and evaluates specific aspects of infection control, sterilization and disinfection, and the significance of dental disease.

ODRP 701. Radiology I: Clinical Procedures. 1.5 Unit.
Techniques for producing intraoral and extraoral radiographs and digital images, digital image processing, radiation protection and safety, and infection control. Covers viewing of radiographic and digital images, technique, handling, anatomy, and errors.

ODRP 725. Patient Assessment and Data Management. 3 Units.
Introduces students to all portions of the comprehensive oral evaluation--including the patient interview, all parts of the examination, and the use of the problem-oriented record for diagnosis and treatment planning. Includes supervised clinical experience of examination procedures, with fellow students acting as patients.

ODRP 726. Patient Diagnosis and Treatment Planning. 1.5 Unit.
Concepts of diagnosis and treatment planning. Introduces procedures used to treat most common dental problems, sequencing of the treatment plan, and use of the disease-control treatment plan and the definitive treatment plan. Case-based, small-group treatment planning exercises.

ODRP 735. Dental Emergency Diagnosis and Treatment. 1 Unit.
Diagnosis and management of dental emergencies, including general emergencies, endodontic, pediatric, and prosthodontic emergencies, hard- and soft-tissue trauma, forensic issues, substance abuse, child abuse and dealing with difficult patients.

ODRP 751. General and Systemic Pathology I. 4 Units.
Studies basic disease mechanisms and disease processes, including host responses to pathogens and injury, repair, immune disorders, hemodynamic disorders, neoplasmia and genetic disorders. Begins the study of disease processes of the organs and systems with emphasis on epidemiology, etiology and pathogenesis, morphologic and clinical disease manifestations, and major treatment modalities.

ODRP 752. General and Systemic Pathology II. 4 Units.
Continues study of disease processes of the various organs and systems. Emphasizes epidemiology, etiology and pathogenesis, morphologic and clinical disease manifestations, and major treatment modalities. Prerequisite: ODRP 751.

ODRP 755. Radiology II: Theory and Interpretation. 2 Units.

ODRP 756. Radiology III: Oral & Maxillofacial Radiology. 1.5 Unit.
Presents an orderly and sequential approach to the formulation of a radiographic differential diagnosis. Establishes a working diagnosis based on the radiographic findings of patients affected by lesions or conditions involving the teeth, jaws and adjacent oral anatomy. A differential diagnosis is obtained by including or excluding certain lesions or conditions based on their radiographic manifestations and clinical presentation.

ODRP 761. Oral Pathology and Diagnosis. 6 Units.
Studies oral mucosal and soft-tissue lesions, developmental and genetic disorders, jaw lesions, salivary gland disorders, oral manifestations of systemic diseases, and some diseases of the skin and head and neck. Includes epidemiology, etiology and pathogenesis, clinical and/or radiographic features, microscopic features, and management of disease, emphasizing differential diagnosis.

Introduces diagnosis and management of temporomandibular joint disorders (TMJ). Teaches anatomy, pathology, and diagnostic imaging of the temporomandibular joint. Presents clinical features and mechanisms of masticatory muscle pain, disc disorders, occlusal disorders, and arthritis of the TMJ. Includes patient cases focusing on these disorders. Student learns how to perform an orofacial pain examination and initial treatment for patients with temporomandibular joint disorders.

ODRP 808. Oral Medicine II: Medically Compromised Patient. 2 Units.
Etiology, pathophysiology, clinical presentation, medical management, and dental treatment modifications for patients with medical conditions of the cardiovascular, pulmonary, gastrointestinal, genitourinary, endocrine, immunologic, hematologic, and neurologic systems; as well as psychiatric disorders and infectious and oncologic diseases. Case-based, small-group discussions.

Advanced topics on temporomandibular joint disorders and orofacial pain. Introduces diagnosis and management of acute and chronic orofacial pain conditions, including neuropathic pain, headaches, and comorbid psychiatric disorders. Student learns to recognize, screen, and make appropriate referrals for chronic orofacial pain. Case presentations focus on nonodontogenic pain that presents as tooth pain.

ODRP 821. Clinical Management of Older Adults. 1 Unit.
Instruction in the multidisciplinary medical and dental assessment and management of older adults. Includes clinical experience in a multidisciplinary team setting.

ODRP 825. Oral Diagnosis, Radiology, and Pathology Clinic. 3 Units.
ODRP 826. Oral Medicine IV: Clinical Oral Pathology and Oncology. 2 Units.

ODRP 875. Oral Diagnosis, Radiology, and Pathology Clinic. 4 Units.