Oral Pathology, Radiology, and Medicine

Chair

Saulo Souso Melo

Professional certificates: oral and maxillofacial pathology; oral and maxillofacial radiology

Faculty: https://dentistry.uiowa.edu/directory/?cohort=432251

Website: https://dentistry.uiowa.edu/oprm

Courses

Oral Pathology, Radiology, and Medicine Courses

OPRM:5200 Stomatology Literature Review 0-3 s.h.
Current literature in oral and maxillofacial pathology and radiology; presentation of graduate student research; development of lectures or seminars for DDS or graduate students, or continuing education for peers and practicing dentists.

OPRM:5225 Manifestations of Oral and Paraoral Disease 0-3 s.h.
Clinical experience in diagnosing, managing patients.

OPRM:5226 Oral Pathology for Graduate Students 0-1 s.h.
Head and neck diseases, abnormalities.

OPRM:5227 Surgical Oral Pathology 0-1 s.h.
Experience in day-to-day operations of surgical oral pathology laboratory; advanced training in histopathologic diagnosis of oral and maxillofacial diseases. Corequisites: OPRM:5240, if not taken as a prerequisite.

OPRM:5228 Introduction to Surgical Oral Pathology 0-1 s.h.
Day-to-day operations of surgical oral pathology laboratory; histopathologic diagnosis of oral and maxillofacial diseases.

OPRM:5230 Research in Oral Pathology, Radiology, and Medicine 0-3 s.h.
Includes thesis preparation.

OPRM:5238 Introduction to Histopathology 0-1 s.h.
Case studies; histopathologic diagnosis of diseases that affect oral and maxillofacial region.

OPRM:5240 Histopathology 0-1 s.h.
Case studies; advanced training in histopathologic diagnosis of diseases that affect oral and maxillofacial region. Corequisites: ORDN:5202, if not taken as a prerequisite.

OPRM:5241 Hospital Oral Pathology, Radiology, and Medicine 0-3 s.h.
Management of patient consultations, diagnosis, therapy at a hospital-based dental service.

OPRM:5242 Clinical Oral and Maxillofacial Radiology 0-3 s.h.
Radiologic manifestations of diseases; emphasis on craniofacial complex.

OPRM:5243 Practical Oral and Maxillofacial Radiology 0-3 s.h.
Clinic participation; supervision of dental and dental hygiene students, review of their cases; participation in clinical radiology conferences, laboratory exercises.

OPRM:5244 Technical Oral and Maxillofacial Radiology 0-3 s.h.
Experience with technical maintenance of darkroom, clinical equipment; troubleshooting under supervision of radiology staff.

OPRM:5245 Head and Neck Radiology 0-3 s.h.
Hospital-based rotation in diagnostic radiology with participation in interpretation sessions; CT, MRI, nuclear medicine, ultrasound.

OPRM:5246 Craniofacial Radiology 0-3 s.h.
Hospital-based rotation in diagnostic radiology; exposure to interpretive sessions on ultrasound, CT, MRI, nuclear medicine.

OPRM:5256 Advanced Oral Pathology 0-1 s.h.
Diseases involving orofacial organs; emphasis on bibliographic research, biodynamic analysis of pathologic processes, diagnostic interpretation; content adapted to student interests. Requirements: graduate standing in oral pathology.

OPRM:8120 Fundamentals of Oral Radiology 1 s.h.
Methods of clinical, radiographic examination, record keeping; correlation of basic, clinical sciences.

OPRM:8235 Oral Pathology I 2 s.h.
Application of biomedical science knowledge to diagnosis and management of oral and maxillofacial diseases, primarily surface epithelial diseases; classification of lesions and diseases of the oral and maxillofacial region into clinical categories, formulation of a clinical differential diagnosis, and recommendation of initial management based on clinical differential diagnosis.

OPRM:8236 Oral Pathology II 2 s.h.
Application of biomedical science knowledge to diagnosis and management of oral and maxillofacial diseases, primarily hard and soft tissue diseases/neoplasms and syndromes; identification of cause, pathogenesis, historical features, signs, symptoms, laboratory abnormalities, radiographic findings (where applicable), and recommended initial management of the most common and/or serious diseases and lesions of the oral and maxillofacial region. Prerequisites: OPRM:8235.

OPRM:8240 Basic Pharmacology 3 s.h.
Principles of pharmacology, pharmacologic actions of drugs, and correlation with therapeutic uses.

OPRM:8245 Introduction to Clinical Oral Radiology 1 s.h.
Principles, techniques of diagnosis, radiology, clinical pathology in clinical practice.

OPRM:8355 Systemic Disease Manifestations 1 s.h.
Clinical medicine for dental students; basic information for patient evaluation.

OPRM:8360 Clinical Oral Diagnosis 1 s.h.
Diagnosis of orofacial diseases by clinical, laboratory, radiographic and treatment planning methods; clinical case analysis.

OPRM:8361 Clinical Oral Radiology arr.
Making and processing intraoral, extraoral radiographs; principles of radiographic interpretation.

OPRM:8362 Applied Oral Radiology 1 s.h.
Builds on foundational knowledge learned in OPRM:8120 and OPRM:8245; emphasis on understanding disease process on radiographs and its interpretation. Prerequisites: OPRM:8120 and OPRM:8245.

OPRM:8365 Clinical Oral Pathology 1 s.h.
Oral and maxillofacial diseases: integration of the clinical, historical, radiographic features; therapeutic management.

OPRM:8368 Applied Dental Pharmacology 2 s.h.
Patients' medications and their implications for dental treatment; clinical use of medications that dentists may prescribe; guidelines for dental prescribing.