OMFR - ORAL & MAXILLOFAC RADIO

OMFR 600 Radiation Physics and Biology for Radiology Residents I

Credits 0. 0 Lecture Hours. Non-credit. This course will provide instruction in radiation physics, advanced imaging technology, radiobiology, and radiation safety. The student/resident will develop the skills necessary to understand the scientific basis of imaging systems and successfully challenge the certification examination of the American Board of Oral and Maxillofacial Radiology. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 601 Radiation Physics and Biology for Radiology Residents II

Credits 0. 0 Lecture Hours. Non-credit. This course will provide instruction in radiation physics, advanced imaging technology, radiobiology, and radiation safety. The student/resident will develop the skills necessary to understand the scientific basis of imaging systems and successfully challenge the certification examination of the American Board of Oral and Maxillofacial Radiology. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 602 Radiation Physics and Biology for Radiology Residents III

Credits 0. 0 Lecture Hours. Non-credit. This course will provide instruction in radiation physics, advanced imaging technology, radiobiology, and radiation safety. The student/resident will develop the skills necessary to understand the scientific basis of imaging systems and successfully challenge the certification examination of the American Board of Oral and Maxillofacial Radiology. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 603 Radiation Physics and Biology for Radiology Residents IV

Credits 0. 0 Lecture Hours. Non-credit. This course will provide instruction in radiation physics, advanced imaging technology, radiobiology, and radiation safety. The student/resident will develop the skills necessary to understand the scientific basis of imaging systems and successfully challenge the certification examination of the American Board of Oral and Maxillofacial Radiology. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 604 Case Conference I

Credits 0. 0 Other Hours. Non-credit. Case presentations of complicated clinical cases encountered while on clinical radiology services which require advanced skills by students/residents and graduate faculty in a prescribed format. Participants will review the literature, present selected imaging studies, and discuss salient points relative to the diagnosis and management of specific diagnostic entities. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 605 Case Conference II

Credits 0. 0 Other Hours. Non-credit. Case presentations of complicated clinical cases encountered while on clinical radiology services which require advanced skills by students/residents and graduate faculty in a prescribed format. Participants will review the literature, present selected imaging studies, and discuss salient points relative to the diagnosis and management of specific diagnostic entities. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 606 Case Conference III

Credits 0. 0 Other Hours. Non-credit. Case presentations of complicated clinical cases encountered while on clinical radiology services which require advanced skills by students/residents and graduate faculty in a prescribed format. Participants will review the literature, present selected imaging studies, and discuss salient points relative to the diagnosis and management of specific diagnostic entities. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 607 Case Conference IV

Credits 0. 0 Other Hours. Non-credit. Case presentations of complicated clinical cases encountered while on clinical radiology services which require advanced skills by students/residents and graduate faculty in a prescribed format. Participants will review the literature, present selected imaging studies, and discuss salient points relative to the diagnosis and management of specific diagnostic entities. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 608 Case Conference V

Credits 0. 0 Other Hours. Non-credit. Case presentations of complicated clinical cases encountered while on clinical radiology services which require advanced skills by students/residents and graduate faculty in a prescribed format. Participants will review the literature, present selected imaging studies, and discuss salient points relative to the diagnosis and management of specific diagnostic entities. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 609 Advanced Radiology Interpretation in Oral and Maxillofacial Radiology

Credits 2. 2 Lecture Hours. Advanced interpretation of oral and maxillofacial radiology imaging studies. Topics include recognition of normal anatomy and its variants, diseases, conditions, abnormalities as they appear on imaging studies of different modalities. Skills in differential diagnosis based on interpretive findings will be developed along with assessing the clinical significant of findings.

OMFR 610 Advanced Imaging Technology in Oral and Maxillofacial Radiology

Credits 1 to 2. 1 to 2 Lab Hours. Acquisition techniques using ionizing radiation, nonionizing radiation and other imaging modalities; plain radiography image projects, panoramic radiology, cone beam computed tomography and multi-detector computed tomography; magnetic resonance imaging, nuclear medicine/molecular imaging and ultrasonography.

OMFR 611 Advanced Oral and Maxillofacial Radiology

Credit 1. 1 Lecture Hour. Advanced review of medico-legal aspects of radiology; advanced interpretation principles, comparison and selection of digital imaging systems, advanced imaging techniques and radiation risk.

OMFR 612 Clinical Teaching I

Credits 0. 0 Other Hours. Non-credit. Students/residents give clinical instruction in contact with second-, third- and fourth-year dental students. Four hours per week per semester of clinical instruction, including technical/acquisition, interpretation of imaging studies, and clinical significance of findings. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 613 Clinical Teaching II

Credits 0. 0 Other Hours. Non-credit. Students/residents give clinical instruction in contact with second-, third- and fourth-year dental students. Four hours per week per semester of clinical instruction, including technical/acquisition, interpretation of imaging studies, and clinical significance of findings. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 614 Clinical Teaching III

Credits 0. 0 Other Hours. Non-credit. Students/residents give clinical instruction in contact with second-, third- and fourth-year dental students. Four hours per week per semester of clinical instruction, including technical/acquisition, interpretation of imaging studies, and clinical significance of findings. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 615 Clinical Teaching IV

Credits 0. 0 Other Hours. Non-credit. Students/residents give clinical instruction in contact with second-, third- and fourth-year dental students. Four hours per week per semester of clinical instruction, including technical/acquisition, interpretation of imaging studies, and clinical significance of findings. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 616 Literature Review Journal Club I

Credits 0.5-1. 0.5-1 Other Hours. 5-1. Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 617 Literature Review Journal Club II

Credits 0.5-1. 0.5-1 Other Hours. 5-1. Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance.

OMFR 618 Literature Review Journal Club III

Credits 0.5-1. 0.5-1 Other Hours. 5-1. Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance.

OMFR 619 Literature Review Journal Club IV

Credits 0.5-1. 0.5-1 Other Hours. 5-1. Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance.

OMFR 620 Literature Review Journal Club V

Credits 0.5-1. 0.5-1 Other Hours. 5-1. Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance.

OMFR 621 Literature Review Journal Club VI

Credits 0.5-1. 0.5-1 Other Hours. Literature Review Journal Club IV. 5-1. Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance.

OMFR 622 Clinical Oral and Maxillofacial Radiology Service I

Credits 2 to 6. 2 to 6 Other Hours. This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquired, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 623 Clinical Oral and Maxillofacial Radiology Service II

Credits 2 to 6. 2 to 6 Other Hours. This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquired, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 624 Clinical Oral and Maxillofacial Radiology Service III

Credits 2 to 6. 2 to 6 Other Hours. This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquired, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 625 Clinical Oral and Maxillofacial Radiology Service IV

Credits 2 to 6. 2 to 6 Other Hours. This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquired, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients.

OMFR 626 Clinical Oral and Maxillofacial Radiology Service V

Credits 2 to 6. 2 to 6 Other Hours. This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquired, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients.

OMFR 627 Clinical Oral and Maxillofacial Radiology Service VI

Credits 2 to 6. 2 to 6 Other Hours. This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquired, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients.

OMFR 628 Medical Clinical Radiology Service I

Credits 1 to 4. 1 to 4 Other Hours. This clinical course will familiarize the student/resident with the imaging modalities used in contemporary medical radiology and their application to diseases of the head and neck. The course includes specialty level modality selection, study acquisition, and interpretation. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 629 Medical Clinical Radiology Service II

Credits 1 to 4. 1 to 4 Other Hours. This clinical course will familiarize the student/resident with the imaging modalities used in contemporary medical radiology and their application to diseases of the head and neck. The course includes specialty level modality selection, study acquisition, and interpretation. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 630 Medical Clinical Radiology Service III

Credits 1 to 4. 1 to 4 Other Hours. This clinical course will familiarize the student/resident with the imaging modalities used in contemporary medical radiology and their application to diseases of the head and neck. The course includes specialty level modality selection, study acquisition, and interpretation. Must be taken on a satisfactory/unsatisfactory basis.

OMFR 689 Special Topics In...

Credits 0 to 4. 0 to 4 Other Hours. Selected topics in an identified area of oral and maxillofacial radiology. May be repeated for credit.

OMFR 691 Research

Credits 0 to 10. 0 to 10 Other Hours. Research for thesis or dissertation.