

Naval Postgraduate Dental School, NMPDC, Bethesda, Maryland
Continuing Education Courses 2020-2021
Dean: Captain S. M. Stokes, DC, USN

Continuing Education Courses

<u>Orofacial Pain</u> (Tuesday thru Thursday)	20-22 Oct 2020
<u>Advanced Clinical Dentistry</u> (Wednesday thru Friday)	28-30 Oct 2020
<u>Endodontics</u> (Monday thru Thursday)	07-10 Dec 2020
<u>Oral and Maxillofacial Surgery Review for Oral and Maxillofacial Surgeons</u> (*Sunday thru Thursday)	9,10-14 Jan 2021 (Mock Board, 9 Jan)
<u>Oral and Maxillofacial Pathology</u> (Monday thru Wednesday)	25-27 Jan 2021
<u>Pediatric Dentistry and Orthodontics for the General Dentist</u>	1-5 Feb 2021
<u>Oral and Maxillofacial Surgery</u>	22-26 Feb 2021
<u>Prosthodontics</u> (Monday thru Thursday)	15-18 Mar 2021
<u>Periodontics and Surgical Implantology</u> (Monday thru Thursday)	22-25 Mar 2021
<u>General Dentistry Treatment Planning</u> (Monday thru Thursday)	12-15 Apr 2021
<u>Basic Osseointegration and Dental Implant Treatment</u> (Monday thru Thursday)	19-22 Apr 2021
<u>Oral Medicine, Oral Radiology & Pharmacology</u>	3-7 May 2021
<u>Advanced Operative Dentistry</u>	10-14 May 2021

Scroll down for Course Descriptions, Objectives and to determine Enrollment Eligibility

All requests for enrollment should be made using the form found on the NPDS website at:

<https://www.tricare.mil/mtf/WalterReed/About-Us/NPDS/Continuing-Education>



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OROFACIAL PAIN

Course Dates: 20 October – 22 October 2020 (Tue-Thu)

Enrollment Quota: 75

Course Director:

LTC Alexander Smith, DC, USA; DDS, MS

Orofacial Pain Center

Diplomate, American Board of Orofacial Pain

Diplomate, American Board of General Dentistry

LTC Smith has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis. Course participants are encouraged to review head and neck anatomy before attending this course.

Course Description: This course will review the evaluation, diagnosis and management of patients with orofacial pain disorders. Current neurophysiologic constructs of orofacial pain conditions will be provided as the basis for clinical management. Case histories will be used as an instructional tool to obtain guided histories, develop differential diagnoses and formulate management plans of care. Participants will learn how to use a pain history and how to perform a clinical head and neck examination to assess orofacial pain patients. Differentiating between non-odontogenic head and neck pain disorders and how to evaluate patients who present with multiple concurrent pain problems will also be described. The roles of behavior management, pharmacologic intervention, splint therapy and the use of diagnostic/therapeutic local anesthesia will be reviewed and integrated into comprehensive treatment planning. The role of sleep in orofacial pain and management of obstructive sleep apnea will be reviewed.

Anticipated Learning Outcomes: After course completion, participants should be able to:

- become familiar with the terminology and concepts used in orofacial pain management
- appreciate the importance of stress physiology and how it may affect orofacial pain
- understand how parafunctional habits may contribute to orofacial pain
- become comfortable to examine the masticatory system (cervical and masticatory muscles, TMJ & associated structures) and relate how this information may contribute to orofacial pain
- appreciate the importance of the neuropsychological components of orofacial pain disorders
- discern how occlusion, PTSD and TBI may influence orofacial pain symptoms
- become familiar with the evaluation, diagnosis, and management of orofacial pain patients
- have an awareness of behavioral management strategies for orofacial pain disorders and be able to practice some of these in a clinical setting
- understand the importance of good sleep quality for the orofacial pain patient and how to assess this
- review and management of obstructive sleep apnea
- distinguish between odontogenic versus nonodontogenic sources of pain
- recognize when to refer orofacial pain patients to other healthcare providers

Continuing Education Credit: Approximate hours 18, AGD Subject Code 182

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ADVANCED CLINICAL DENTISTRY

Course Dates: 28-30 October 2020 (Wed-Fri)

Enrollment Quota: 75

Course Director:

Captain Andrew J. Avillo, DC, USN; BA, DDS, MS

Comprehensive Dentistry Department

Diplomate, American Board of General Dentistry

Fellow, Academy of General Dentistry

CAPT Avillo has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: This course is directed towards any dentist striving for clinical excellence and will provide a comprehensive overview and update of selected specialty areas. Particular emphasis will be placed on recent developments in each field, including a review of new materials, equipment, and instrumentation. In some specialty areas, clinical techniques will be reviewed in detail. In other areas, treatment philosophies will be discussed and evidence from the literature reviewed, enabling the attendees to improve their clinical decision-making. Anticipated topics include digital dentistry, operative dentistry, esthetic evaluation and treatment, ethics, prosthodontics, implantology, oral surgery, periodontics, endodontics, orthodontics, oral medicine, oral pathology and orofacial pain. Due to the broad scope of this course and to maximize enrollment, a hands-on or laboratory component will most likely not be included.

Anticipated Learning Outcomes: After completing this course, participants should be able to:

- discuss the newer technologies, equipment and instrumentation in various dental specialty areas
- describe the newer materials in the dental products market
- describe appropriate clinical techniques and materials for general dentists to apply in specific clinical situations
- discuss the current philosophies and controversies in the dental specialties

Continuing Education Credit: Approximate hours 15, Multiple AGD Subject Codes

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ENDODONTICS

Course Dates: 07-10 December 2020 (Mon-Thu)

Enrollment Quota: 75

Course Director:

Captain Nancy Osborne, DC, USN; DDS, MS

Chairman, Endodontics Department

Diplomate, American Board of Endodontics

CAPT Osborne has no relevant financial relationships to disclose.

Enrollment Eligibility: Active duty military only. Due to the high demand for this course, individuals that attended the December 2019 course will not be eligible for enrollment this year.

Course Description: The ever-increasing emphasis on preservation of teeth for the restoration and maintenance of oral health provides impetus for endodontic clinicians, researchers, and manufacturers to search for more effective diagnostic and treatment methods, better endodontic equipment and materials, and more accurate means of treatment evaluation. The result has been the introduction to the dental profession of many new techniques, instruments, and devices to improve the practitioner's ability to provide better, faster, safer, and more biologically sound endodontic diagnosis and treatment. This course is designed as a state-of-the-art learning experience. Through a virtual format, it will emphasize the following major subject areas: pulpal and apical diagnosis and classification; treatment planning of endodontic cases; diagnosis and management of endodontic emergencies and traumatic injuries to the dentition and supporting structures; radiographic computed tomography technique and interpretation; isolation tips for the treatment area; retreatment; access, instrumentation, and obturation of the root canal system, diagnosis and management of endodontic/periodontic cases; vital pulp therapy, discussing the ever-growing area of regenerative endodontics and outcomes of endodontic therapy.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- describe the diagnostic classifications of pulpal and apical pathosis
- describe methods of diagnosing symptomatic and asymptomatic diseases of the pulp and apical tissues
- describe various radiographic and CT techniques for ensuring accurate endodontic diagnosis, proper treatment, and valid evaluation of healing
- describe treatment modalities for endodontic emergencies
- describe methods for evaluating, diagnosing, and managing traumatic injuries to the dentition
- describe techniques for accessing and instrumenting the root canal system
- describe techniques for obturating the root canal system
- describe methods of diagnosing and managing endodontic/periodontal cases
- describe methods for evaluating the outcomes of endodontic therapy

Continuing Education Credit: Approximate hours 20, AGD Subject Code 070

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ORAL AND MAXILLOFACIAL SURGERY REVIEW FOR ORAL AND MAXILLOFACIAL SURGEONS

Dates: 10-14 January 2021 (Sun-Thu, lecture sessions)

Enrollment Quota: 75 (lecture sessions)

Course Co-Directors:

Commander Daniel Honl, DC, USN; DDS
Chairman, Oral and Maxillofacial Surgery Department
Naval Postgraduate Dental School, Bethesda, MD
Diplomate, American Board of Oral and Maxillofacial Surgery
Assistant Professor Uniformed Services University

LCDR Honl has no relevant financial relationships to disclose.

Major Caleb English, DC, USAF; DMD
Associate Program Director and Assistant Department Chief
Walter Reed National Military Medical Center OMS Residency
Assistant Professor Uniformed Services University
Diplomat, American Board of Oral and Maxillofacial Surgery

MAJ English has no relevant financial relationships to disclose.

Registration: For course-planning purposes, participants must register by 30 November 2020, military will email CDR Honl at Daniel.j.honl.mil@mail.mil to confirm their participation in the mock boards (by 30 November 2019)

Enrollment Eligibility: Active duty military Oral and Maxillofacial Surgeons. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: Concentrated lectures from 0800 – 1600 daily covering a broad scope of OMS topics. There may be additional class study sessions in the evenings provided by the speakers.

Anticipated Learning Outcomes: After completing this review, participants should be able to

- discuss effective ways to verbalize your knowledge of oral and maxillofacial surgery principles
- explain current treatment philosophy and techniques in oral and maxillofacial surgery
- develop protocols on treatment algorithms for most topics in oral and maxillofacial surgery
- review most topics in the specialty to include medical management of patients, orthognathic surgery, head and neck trauma, odontogenic infections, cosmetic surgery, craniofacial surgery, dentoalveolar surgery, and temporomandibular joint dysfunction management

Continuing Education Credit: Approximately 30 hours, AGD Subject Code 310

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ORAL AND MAXILLOFACIAL PATHOLOGY

Course Dates: 25-27 January 2021 (Mon-Wed)

Enrollment Quota: 75

Course Director:

Captain Bradley E. Jones, DC, USN; DDS, MS

Chair, Oral and Maxillofacial Pathology Department

Fellow, American Association of Oral & Maxillofacial Pathology

Diplomate, American Board of Oral and Maxillofacial Pathology

CAPT Jones has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: This course will provide a review and update of the local and systemic diseases that affect the oral cavity and maxillofacial region. The etiology, pathogenesis, clinical and radiographic presentation, diagnosis and treatment of commonly encountered and interesting oral & maxillofacial pathology lesions will be presented. Emphasis will be given to the development of a meaningful clinical differential diagnosis and effective two-way communication between the clinician and oral and maxillofacial pathologist. This course covers the five major categories of disease: developmental, inflammatory, metabolic, neoplastic, and infectious. Several of the many topics that will be discussed include odontogenic cysts and tumors, infectious and granulomatous disease, syndromes of the head and neck, oral manifestations of systemic disease, salivary gland disease, oral premalignancy and carcinoma, fibro-osseous lesions of the head and neck, developmental defects of the oral and maxillofacial region and abnormalities of teeth. The class participants will participate in a clinicopathologic session whereby cases from the different categories of disease will be presented and informally discussed. Additional emphasis, when appropriate, will be placed on adjunctive special laboratory studies, biopsy technique, histopathology, and rationale used to arrive at a final diagnosis.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- List five major categories of disease and give examples from each category
- Develop a reasonable differential diagnosis based on the clinical and/or radiographic features of a specific lesion
- Explain the significance of color, shape, and texture in the diagnosis of a lesion
- Use appropriate terms to communicate with the oral and maxillofacial pathologist
- Explain the importance of data collection and radiographs in the diagnosis of lesions

Continuing Education Credit: Approximate hours 18, AGD Subject Code 739

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PEDIATRIC DENTISTRY AND ORTHODONTICS FOR THE GENERAL DENTIST

Course Dates: 1-5 February 2021

Enrollment Quota: 75

Course Directors:

Captain Sabina S. Yun, DC, USN; DDS, MS

Chairman, Pediatric Dentistry Department

Diplomate, American Board of Pediatric Dentistry

Fellow, American Academy of Pediatric Dentistry

CAPT Yun has no relevant financial relationships to disclose.

Commander Robert D. Stoner, DC, USN; PharmD, MS

Chairman, Orthodontics Department

Certificate in Orthodontics

CDR Stoner has no relevant financial relationships to disclose.

Enrollment Eligibility: Active duty military only. Please note: This course is particularly advantageous for the general dentist who is receiving overseas orders. The timing of the course makes it convenient to take it prior to detaching from a CONUS duty station.

Course Description: This five-day course is designed to enhance the dentist's knowledge and skills in both Pediatric Dentistry and Orthodontics. One of the major course goals is to update and review diagnosis, treatment planning, and comprehensive and/or emergency dental care for the pediatric and orthodontic patient. Dental officers stationed overseas will find this course to be beneficial due to the large variety of family member treatment being done OCONUS. The topics covered from a Pediatric Dentistry perspective include diagnosis, treatment planning, preventive regimens, restorative techniques, pulp therapy, management of trauma, space management, and interceptive treatment. Emphasis will be placed on current behavioral management issues and techniques. Selected orthodontic subjects will include interceptive/preventive orthodontics, basic orthodontic appliances, minor tooth movement rationale and techniques, diagnosis and treatment planning for eruption guidance, molar uprighting, incisor alignment, diastema closure, crown lengthening/forced eruption, and retention. Clinical cases will be reviewed combining both orthodontic and restorative treatment options. Classroom instruction is delivered by both military and selected civilian subject matter experts.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- complete a comprehensive examination on a child patient, including ordering appropriate radiographs
- discuss the etiology and prevention of early childhood caries
- identify common ectopic eruptions and propose appropriate intervention
- discuss the management of pediatric dental emergencies, traumas, and infection
- identify the indications and techniques for space management
- discuss the full range of patient management techniques
- discuss and treatment plan appropriate pulp therapy for primary teeth
- have an overview of trauma, pediatric specific treatment considerations and resources
- understand Andrew's Six Keys of Normal Occlusion
- make appropriate orthodontic or pediatric referrals
- recognize the significance and importance of the extra-oral exam as it relates to facial growth and development
- recognize the interrelationship between orthodontics and restorative dentistry
- describe basic orthodontic mechanics and bracket placement

- discuss orthodontic diagnosis and treatment planning
- recognize treatment considerations and describe the mechanics for molar uprighting, tooth extrusion and crown lengthening
- understand cephalometric tracing and its application in diagnosis and treatment planning
- recognize stages of orthodontic treatment and arch wire used
- have a basic understanding of impacted canine
- recognize different types of orthodontic bracket design

Continuing Education Credit: Approximate hours 32, AGD Subject Codes 430, 370

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ORAL AND MAXILLOFACIAL SURGERY

Course Dates: 22-26 February 2021

Enrollment Quota: 75

Course Co-Director:

Commander Daniel Honl, DC, USN; DDS

Chairman, Oral & Maxillofacial Surgery Department

Diplomate, American Board of Oral and Maxillofacial Surgery

CDR Honl has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: This course will provide a review of the basic knowledge and techniques of exodontia and minor oral and maxillofacial surgery, including use of oral and maxillofacial surgery equipment. In addition, an overview of recent treatment advances in oral and maxillofacial surgery in the areas of trauma evaluation and management, infection management, head and neck pathology, update on opioid medications, management of nerve injuries, osseointegrated implants, facial aesthetic surgery, and orthognathic surgery will be covered. Lectures and discussions will emphasize patient evaluation, surgical complications, medical emergencies, and the management of infections. A practical approach will be stressed.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- recognize common surgical complications and describe their management and prevention
- describe the management of common medical emergencies
- discuss the surgical and antibiotic management of odontogenic infections
- recognize parameters requiring referral to an oral and maxillofacial surgeon
- triage, diagnose, and provide initial stabilization for maxillary, mandibular, and alveolar process fractures
- successfully suture traumatic soft tissue injuries
- discuss the equipment necessary for a dental clinic to possess in preparation for oral and maxillofacial surgery procedures

Continuing Education Credit: Approximate hours 30, AGD Subject Code 310

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PROSTHODONTICS

Course Dates: 15-18 March 2021 (Mon-Thu)

Enrollment Quota: 75

Course Director:

LCDR Stacy Yu, DC, USN; DDS

Prosthodontics Residency Staff

Diplomate, American Board of Prosthodontics

LCDR Yu has no relevant financial relationships to disclose.

Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: A 4-day course in prosthodontics designed for the general practitioner who has had limited or no additional training in prosthodontics. The course will cover basic diagnostic and treatment planning concepts and immerse the participant in prosthodontic fundamentals. Presentations will cover a wide variety of topics pertinent to fixed, removable and implant prosthodontics. Current treatment modalities and materials will also be presented.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- diagnose and treatment plan for a variety of prosthodontic patients
- integrate and manage both fixed and removable prosthodontic treatment in prosthodontic presentations
- demonstrate a basic knowledge in treating Prosthodontic Diagnostic Index Class 1 and 2 patients in dentate, partially dentate, and completely edentulous situations
- discuss the basic concepts concerning implant restorative therapy and maintenance procedures

Continuing Education Credit: Approximate hrs 24, AGD Subj Codes 610, 670, 780, 690, 070, 010

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PERIODONTICS AND SURGICAL IMPLANTOLOGY

Course Dates: 22-25 March 2021 (Mon-Thu)

Enrollment Quota: 75

Course Director:

Captain John Wilson, DC, USN; BS, DMD, MS

Chairman, Periodontics Department

Diplomate, American Board of Periodontology

CAPT Wilson has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: This course will provide current, practical information that will enhance the practicing dentist's diagnostic capability and familiarity with treatment options for management of the periodontal and implant patient. Evidenced based presentations on current topics in periodontics will be focused for general practitioners and specialists involved in the prevention and treatment of the acute and chronic periodontal and peri-implant diseases. This course will cover such topics as diagnosis, prognosis, and treatment planning; osseointegrated dental implants; principles of periodontal surgery; management of osseous defects; soft tissue surgery; chemotherapeutics; the interrelationship of periodontics with restorative dentistry and endodontics.

Anticipated Learning Outcomes: *After completing this course, participants should be able to*

- describe and formulate the various components of a periodontal treatment plan
- discuss the principles of periodontal surgery
- describe the basic techniques and principles for replacing missing teeth with dental implants
- discuss the use of various periodontal therapeutic modalities to manage periodontal defects
- describe various periodontal surgical procedures used to manage soft tissue defects
- discuss the use of chemotherapeutics in periodontal therapy
- discuss how to evaluate periodontal therapy and determine appropriate maintenance protocols
- discuss diagnosis and treatment of acute periodontal conditions
- discuss treatment options for the "gummy smile"
- describe the use of lasers in periodontics
- explain the clinical importance of periodontal/restorative interrelationships
- identify current evidence for periodontal-systemic connections and risk factors for periodontal diseases
- discuss the prevention and management of peri-implant diseases

Continuing Education Credit: Approximate hours 24, AGD Subject Code 490

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GENERAL DENTISTRY TREATMENT PLANNING

Course Dates: 12-15 Apr 2021 (Mon-Thu)

Enrollment Quota: 75

Course Director:

Lieutenant Commander Marina A. Hernandez-Feldpausch, DC, USN; BS, DDS, MS
Comprehensive Dentistry Department
Diplomate, American Board of General Dentistry

LCDR Hernandez-Feldpausch has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: With an ever-increasing array of treatment and material options available to the general dentist, providers must become proficient in the comprehensive treatment planning process. This 4-day course links all dental specialties in an interdisciplinary approach to phased treatment planning of complex cases. Treatment planning considerations are presented from varying perspectives and provide greater insight into how each discipline within dentistry can contribute to the overall planning and restorative outcome. The course culminates in a group exercise where a treatment plan is developed for a complex interdisciplinary case.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- plan therapy that is matched to the needs of the patient, clinical expertise of the provider, available referral resources, and the ability of the patient to be a co-therapist to maintain dental health
- discuss current preventive, risk assessment, and diagnostic modalities
- demonstrate an improved understanding of key treatment planning concepts including occlusion, periodontal-restorative interrelationships, materials selection, indications for surgical therapy, and various options for restoring partially or fully edentulous arches
- develop a treatment plan that ensures a logical integration of all phases of required therapy and considers a total patient care approach

Continuing Education Credit: Approximate hours 24, AGD Subject Codes will vary based on the lectures presented. Lectures from a variety of dental disciplines ensure a wide array of subject codes will be applied to this course.

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BASIC OSSEOINTEGRATION AND DENTAL IMPLANT TREATMENT

Course Dates: 19-22 April 2021 (Mon-Thu)

Enrollment Quota: 75

Course Directors:

Commander Laleh Abdolazadeh DC, USN; DDS, MS, FACP

Program Director, Maxillofacial Prosthetics

Diplomate, American Board of Prosthodontics

Certificates in Prosthodontics and Maxillofacial Prosthetics

CDR Abdolazadeh has no relevant financial relationships to disclose.

Eligibility: Active duty military general dentists with little or no training in the restoration of dental implants.

Course Description: The virtual course is designed for general dentists with little or no restorative implant experience who desire current information on the advances in implant dentistry. The focus will primarily be on the restoration of the single tooth implant. Specific areas to be emphasized include implant systems, factors affecting osseointegration, treatment planning concepts for single tooth restoration, digital work flow for single-tooth implant restorations, surgical guides, site preparation with grafting materials, and occlusion. Additional emphasis will be placed on follow-up care, to include management of complications and routine maintenance.

Anticipated Learning Outcomes: After completing this course, you should be able to

- Recognize approved implant systems available for use at DOD level
- Properly treatment plan and sequence implant cases involving single-tooth restorations
- Understand the importance of surgical/prosthodontic interrelationships in successful patient treatment
- Understand the latest surgical techniques for site preparation with tissue regeneration and grafting
- Understand the digital workflow for dental implant restorations
- Utilize surgical guides (conventional vs digital) for treatment planning dental implants
- Satisfy the didactic training requirement for credentialing in the restoration of the single tooth implant.

Continuing Education Credit: Max hrs 24, AGD Subj Code 690

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ORAL MEDICINE, ORAL RADIOLOGY, AND PHARMACOLOGY

Course Dates: 03-07 May 2021

Enrollment Quota: 75

Course Directors:

CDR Benjamin M. Gray, DC, USN; DMD, MS

Oral and Maxillofacial Radiologist

Diplomate, American Board of Oral and Maxillofacial Radiology

CDR Gray has no relevant financial relationships to disclose.

Enrollment Eligibility: Military and Federal agency dentists. Non-federal agency dentists will only be accepted on a "space available" basis.

Course Description: This course will cover assorted topics in oral medicine, oral and maxillofacial radiology and pharmacology of interest to the dental practitioner. Special emphasis will be placed on the dental management of selected medically complex patients, oral cancer and HIV updates, diagnosis and management of vesiculoerosive diseases and interactive case presentations with discussion of a variety of oral conditions. Trends in digital imaging as well as principles of cone beam CT, digital imaging and panoramic radiology to include technique errors and radiographic interpretation will be covered. Pharmacology topics will include discussion of major drug groups as they pertain to clinical dentistry, top prescription drugs in the U.S. and the pharmacotherapeutic management of some common oral diseases. Specific drugs taken by medically compromised patients, indications for these drugs and dental management concerns will also be addressed.

Anticipated Learning Outcomes: After completing this course, participants should be able to

- discuss dental treatment modifications for selected medically complex patients
- discuss epidemiologic trends, diagnostic tests and various treatment modalities for oral cancer
- formulate differential diagnoses for some common oral lesions and discuss their management
- evaluate the significance of preexisting medical conditions
- have a basic understanding of CBCT to include basic 3D anatomy and pathology
- identify common panoramic radiographic errors and differentiate between normal and abnormal radiographic findings
- describe some of the most common prescription drugs used in the U.S. and their implications for the dentist
- modify dental management of the patient based on an understanding of the patient's medication profile

Continuing Education Credit: Approximate hours 30, AGD Subj Codes 730, 731, 016

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ADVANCED OPERATIVE DENTISTRY

Course Dates: 10-14 May 2021

Enrollment Quota: 75

Course Director:

Captain Richard Adcook, DC, USN; BS, DDS, MSD

Chairman, Operative Dentistry Department

Specialty Leader for Operative Dentistry to the Bureau of Medicine and Surgery

Certified, American Board of Operative Dentistry

CAPT Adcook has no relevant financial relationships to disclose.

Enrollment Eligibility: Active duty military. Other Federal agency dentists will be accepted on a "space-available" basis. Due to a high demand for this course, individuals that attended the previous year's course will not be eligible for enrollment this year.

Course Description: The Advanced Operative Dentistry course is designed to update the general practitioner in the clinical application of modern restorative materials, esthetic dentistry treatment considerations, and current caries prevention philosophies. Topics include caries risk assessment and preventive restorative treatment planning; periodontal restorative interrelationships; dental amalgam and mercury issues; restoration of endodontically treated teeth; dentinal bonding agents; tooth-colored restorative materials; anterior and posterior esthetic restorations; vital bleaching; and other restorative related issues. A preventive, conservative, and integrated disciplinary approach to restorative dentistry is stressed.

Anticipated Learning Outcomes: After completing this course, participants should be able to:

- discuss clinical caries management based on current preventive strategies
- discuss periodontal restorative interrelationships
- discuss the current status of dental amalgam and the controversy surrounding the use of mercury
- discuss the mechanics of resin dentin bonding
- explain clinical criteria for the selection and placement of posterior esthetic restorations
- describe the placement and finishing of anterior and posterior direct esthetic composite restorations
- describe the indications and clinical techniques for the placement of glass-ionomer restorations
- demonstrate the clinical techniques and selection of materials for placement of indirect veneers and posterior ceramic restorations
- describe the selection of materials and clinical techniques for vital bleaching

Continuing Education Credit: Approximate hours 30, AGD Subject Code 250, 780

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