Directorate for Dental Services
Naval Medical Center
San Diego, California

2018 – 2019

OFFICER AND ENLISTED
DENTAL CONTINUING EDUCATION TRAINING
REVIEWED AND APPROVED

/s/

M. I. KORSNES, CAPT, DC, USN
DIRECTOR FOR DENTAL SERVICES
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*Check training eligibility before submitting application(s) application on page 20*
CONTINUING EDUCATION CREDITS
The U.S. Navy Dental Corps is designated as a recognized provider by the Continuing Education Recognition Program (CERP) conducted under the auspices of the American Dental Association (ADA CERP Provider #09993003). The U.S. Navy Dental Corps is also designated as a nationally approved sponsor by the Academy of General Dentistry (AGD Sponsor #216209). All formal continuing education programs sponsored by this command are accepted by AGD for Fellowship, Mastership, and Membership Maintenance Credit. Continuing Education Credits are given in accordance with the AGD and the ADA.

CONTINUING EDUCATION COORDINATOR CONTACT INFORMATION
POC: Charles Murphy
Voice: Commercial (619) 524-1038
DSN 524-1038
Fax: Commercial (619) 524-0844
DSN: 524-0844
Email: charles.l.murphy14.civ@mail.mil

Mailing Address:
Directorate for Dental Services
DBC/DDS Administration Office
2051 Cushing Road, Building 624
San Diego, CA 92106-6000

ELIGIBILITY
Participation is open to Active Duty dentists and dental hygienists, Active Reserve dentists, United States Public Health Service (USPHS) dentists, and Federal government dentists/dental hygienist. Participation for International military and DoD retired dentists is available on a space available basis. Check course eligibility before submitting an application. Courses may have special limitations.

APPLICATION
Applications must be submitted in a timely manner prior to the start of training. Applications are due no later than 30 days prior to the training convening date. Due to quota limitations, attendance is not guaranteed unless a confirmation letter has been received. Active duty members are given first priority for training enrollment. Due to quota limitations GS/GP may only attend two courses per fiscal year.

ANNUAL TRAINING/ACTIVE DUTY TRAINING, NAVAL RESERVE
All Naval Reserve officers and enlisted personnel desiring a space/seat in a course MUST submit the course application form contained in this brochure through their respective Readiness Commands (REDCOM). This application must be received prior to the application cut-off date to ensure availability of a seat for the course requested. Annual Training or Active Duty Training orders should not be requested or processed until you have received written confirmation of a course quota. Approval from the Training Coordinator or Training Director for training does not include approval for Annual Training. Plan ahead. The OSO or the assistant may be reached by calling DSN 522-6838, Commercial (619) 532-9775.
ORDERS
All orders should read as follows: "Reporting Instructions: Report to Director, DDS, NMCSD, 2051 Cushing Road, San Diego, CA 92134" and "Government Messing Available".

CHECK-IN PROCEDURE
All personnel are required to check in at the Surface Warfare Medical Institute (SWMI) auditorium at **0700 the first day of the course**. SWMI is located in Building 14 onboard Naval Medical Center San Diego (NMCSD) complex. TAD orders will be collected at check-in. Uniform for Navy: winter blue, summer white, service khaki or the appropriate seasonal service dress uniform. For other services: Appropriate service equivalent or business attire.

GENERAL INFORMATION
Training sessions are held at the Surface Warfare Medical Institute (SWMI) in Building 14 onboard Naval Medical Center San Diego (NMCSD) complex. The address for the NMCSD complex is 34800 Bob Wilson Drive, San Diego, CA 92134. A DoD issued Common Access Card (CAC) or DoD retired identification card is required to enter the complex. Proof of insurance, car registration, current drivers’ license may also be required. Parking is permitted in the A-Lot, O-Lot and BLDG 18 Patient/Visitor parking Garage. **Parking in spaces designated for other commands or personnel is strictly prohibited.**

Base map on page 21

ON-BASE LODGING INFORMATION

**BOQ / BEQ RESERVATIONS (Active Duty and Retired DoD only)**

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* Government transportation between bases is not available.

* Navy Lodge -To make reservations, call: 1-800-NAVY-INN (Active Duty, Reservists, and Retired DoD only)
OROFACIAL PAIN AND TEMPOROMANDIBULAR DISORDERS

23-26 October 2018          Quota: 40

**Director**

LCDR Preston M. Criddle, DC, USN  
Orofacial Pain Consultant, ORAL SURGERY & HOSPITAL DENTISTRY, DDS, NMCSD

**Eligibility**

DoD Active Duty and Active Reserve dentists.  
Registration priority will go to junior O3 to O4 Active Duty dentists.  
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

**Training Description**

Training will provide guidelines for the evaluation, differential diagnosis and conservative management of orofacial pain with specific emphasis on temporomandibular disorders (TMD).  
The course follows guidelines of the Academy of Orofacial Pain and is based on current evidence concerning orofacial pain and TMD.  Relevant anatomy, neuroanatomy and neurophysiology will be discussed and related to clinical conditions and presentations.  The primary emphasis will be differential diagnosis between various subgroups of orofacial pain based on patient history and examination.  Rationally based multidisciplinary therapeutic regimens will be discussed based on patient findings, underlying physiology and basis on current scientific evidence.

**Anticipated Learning Outcomes**

- Understand the basic anatomy, neuroanatomy and physiology of orofacial pain and TMD.
- Understand how to conduct a thorough history and examination, identifying pertinent information.
- Arrive at an appropriate differential diagnosis orofacial pain.
- Be able to provide appropriate, evidence based treatment for orofacial pain and TMD.

Continuing Education Credit: **Max hrs. 25**
22-24 January 2019

Quota: 60

Director
LT Sasha J. Betz, DC, USN
Staff Pathologist, Anatomic Pathology, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

Training Description
This training is designed to combine the disciplines of Oral Pathology in a meaningful and practical way. Emphasis will be given to recognition of hard and soft tissue lesions of the oral cavity. Additionally, systemic diseases and cutaneous disorders with oral manifestations will be discussed. Clinical presentation and histopathology will be correlated.

Anticipated Learning Outcomes
- Develop a reasonable differential diagnosis for hard and soft tissue lesions.
- Correlate clinical features of disease with soft tissue and radiographic changes.
- Explain the significance of color, shape and texture in the diagnosis of a lesion.

Continuing Education Credit: Max hrs. 21
OPERATIVE DENTISTRY

29 January – 1 February 2019 Quota: 60

Director
CDR Joshua E. Cohen, DC, USN
Department Head, BDC NAB Coronado, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

Training Description
This training will review principles of operative dentistry with consideration of newer techniques and restorative materials. A philosophy of preventive/conservative dentistry as well as “Helpful Hints” providing alternative treatment modalities will be presented. Subjects include concepts in cariology, caries risk assessment, cavity preparations, treatment planning, esthetics and restorative dental materials.

Anticipated Learning Outcomes
- Appreciate the role of operative dentistry in the future of dental health care delivery.
- Integrate caries risk assessment and non-invasive treatment modalities with conventional restorative treatments.
- Introduce new techniques and materials into the daily practice of operative dentistry.

Continuing Education Credit: Max hrs. 25
PERIODONTICS DENTISTRY

26-28 February 2019  Quota: 60

Directors
LCDR Stephen B. Hutton, DC, USN
Division Officer, Periodontics Department, BDC NBC, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Federal, USPHS, Retired DoD dentists are eligible on a space available basis.

Training Description
This training is designed to update practitioners on the current state of the art in periodontics. Current, practical information will be provided to enhance the general dentist’s familiarity and treatment options with the dental care of the periodontal patient. This course will cover such topics as the nonsurgical treatment, including chemotherapy, treatment planning, periodontal considerations for restorative dentistry, management of endodontic-periodontic lesions, dental implant treatment planning and surgical procedures, diagnosis and treatment of aggressive periodontitis, and periodontal plastic surgery.

Anticipated Learning Outcomes
- Describe various periodontal surgical procedures used to manage soft tissue defects.
- Discuss all forms of nonsurgical periodontal therapy.
- Describe aggressive periodontitis and discuss treatment options.
- Explain the clinical importance of the periodontics/prosthodontic/endodontic interrelationships.
- List the considerations for placement and restoration of a single tooth replacement with dental implant.
- Identify the important aspects of periodontal maintenance therapy.

Continuing Education Credit: Max hrs. 21
**FORENSIC DENTISTRY**

6-7 March 2019  Quota: 40

**Director**
CAPT Kevin R. Torske, DC, USN  
Board Certified, American Board of Oral and Maxillofacial Pathology  
Specialty Leader for Forensic Odontology and Oral Maxillofacial Pathology, BUMED

**Eligibility**
DoD Active Duty dentists only, junior officers, O-3 and O4.

**Training Description**
The primary focus of this training is forensic odontology/dentistry. This is a two day session designed to include lectures and hands-on workshops. The purpose of the training is to expose dentists and dental residents with no or minimal forensic experience to mass disaster management and the dental identification process. The training sessions are designed for 3 hours of lecture and 11 hours of hands-on workshops to include a dental radiograph comparison laboratory and a mass disaster management laboratory. Topics will include the basics of forensic pathology, crime scene investigation, DNA analysis and anthropologic assessment of human remains. At the completion of this training, participants should have a basic understanding of the principles of forensic odontology/dentistry and be able to perform forensic dental identifications of human remains in support of legal death investigations. They should be able to participate on and be an asset to an identification team to support local contingencies.

**Anticipated Learning Outcomes**
- Review the history and role of forensic dentistry in military and civilian settings.
- Recognize the role of forensic dentistry as it relates to forensic pathology, the medical examiner’s office and crime scene investigation.
- Recognize the role of forensic dentistry as it relates to DNA analysis.
- Critically evaluate antemortem and postmortem dental evidence in making positive human identifications.
- Perform hands-on dental identification of human remains in a mass disaster scenario.

Continuing Education Credit: Max hrs. 14
ENDODONTIC DENTISTRY

19-22 March 2019  Quota: 60

**Director**
LCDR Kelvin Z. Chou, DC, USN
Division Officer, Endodontics Department, BDC NBC, DDS, NMCSD

**Eligibility**
DoD Active Duty and Active Reserve dentists.
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

**Training Description**
This training presents a review of the fundamental concepts of endodontics and introduces recent developments in the specialty. The lectures will include brief reviews of the research, which has led to current thinking in endodontics and will provide specific suggestions to improve clinical practice.

**Anticipated Learning Outcomes**
- Diagnose and classify pulpal and periapical pathoses.
- Review the updated pulpal and periapical diagnostic terms.
- Understand concepts and apply treatment for non-surgical endodontics, resorptive defects and iatrogenic perforation, and endodontic retreatment.
- Diagnose, treatment plan and manage dental emergencies, traumas, and odontogenic infections.
- Understand the concept of and rationale for surgical root canal treatment.
- Review radiology principles and techniques.
- Review principles and application of cone beam chromatography to endodontics.
- Learn the current concept of regenerative endodontics.

Continuing Education Credit: Max hrs. 25
PROSTHODONTIC DENTISTRY AND BASIC OSSEOINTEGRATION IMPLANT TECHNIQUES

26-29 March 2019 Quota: 60

Director
CDR Joshua C. Treesh, DC, USN
Division Officer, Prosthodontic Department, ORAL SURGERY & HOSPITAL DENTISTRY, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

Training Description
This training will present a basic review of the facets in fixed and removable prosthodontics for both the new and experienced practitioner, and for general dentists with little or no restorative implant experience. Principles of diagnosis and treatment planning of conventional fixed, removable, and single implant prosthodontics will be addressed. Specific areas to be emphasized include treatment planning concepts, guided tissue regeneration, site preparation with grafting materials, and aesthetic single-tooth restorations. Additional emphasis will be placed on follow-up care, to include management of complications, routine maintenance and emergency repairs.

Anticipated Learning Outcomes
- Interdisciplinary treatment planning of fixed and removable prosthodontics: Periodontics, Endodontics, Orthodontics and Oral Surgery.
- Treatment Planning Dental Implants in fixed and removable prosthodontics.
- Understanding techniques and materials to enhance fixed and removable prosthodontic treatment.
- Proper treatment plan and sequence implant cases involving single-tooth restorations.
- Understand the latest surgical techniques for site prep with tissue regeneration and grafting.
- Understand the importance of proper maintenance regimens and the management approaches for implant complications.
- Proper treatment plan and sequence implant cases involving single-tooth restorations.
- Understand the latest surgical techniques for site preparation with tissue regeneration and grafting.
- Understand the importance of proper maintenance regimens and the management approaches for implant complications.
- Satisfy the didactic training requirement for credentialing in the restoration of the single tooth implant.

Continuing Education Credit: Max hrs. 25
ORAL & MAXILLOFACIAL SURGERY TECHNIQUES

16-19 April 2019 Quota: 60

Director
LCDR Markus S. Hill, DC, USN
Staff Dentist, ORAL SURGERY & HOSPITAL DENTISTRY, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

Training Description
This training is designed as a review for the oral & maxillofacial surgeon; as well as, general practitioners who are interested in introducing the latest advances in clinical outpatient oral and maxillofacial surgery to their practice. Topics covered will include treatment of medical emergencies in the dental operatory, basic and complicated exodontia techniques, diagnosis and treatment of TMD, diagnosis and treatment of facial trauma, recognition and treatment of odontogenic infections, dental implant treatment planning, localized bone reconstruction techniques, maxillofacial cosmetics review, overview of orthognathic surgery, tissue trauma and wound healing, and the recognition of common oral pathoses.

Anticipated Learning Outcomes
- Diagnose and treatment plan common oral surgical cases.
- Recognize the medically compromised patient and manage medical emergencies in the dental operatory.
- Recognize situations requiring referral to oral and maxillofacial surgeons, or coordination with other dental specialties.
- Recognize tissue trauma and wound healing.
- Learn/Review suturing techniques and types of sutures available.

Continuing Education Credit: Max hrs. 25
DENTAL HYGIENE ONE STOP: EDUCATIONAL SYMPOSIUM FOR TODAY’S HYGIENE PROFESSIONAL

24-25 April 2019 Quota: 60

Director
LCDR J. Cameron Beck, DC, USN
Division Officer, Periodontics Department, BDC NAVBASE SD, DDS, NMCSD

Eligibility
Active Duty and GS Civilian Hygienists. All other federal agency dental hygienists on a space available basis.

Course Description: This course is designed to educate and refresh hygiene providers’ knowledge on relevant topics and critical elements in their field. Current, practical information will be provided to enhance the hygienists’ familiarity and treatment options regarding care of the dental patient. This course will cover topics including non-surgical therapy/SRP, oral pathology, hygiene adjuncts, oral-facial pain, delivery of local anesthetic, the association of environmental factors and systemic disease with periodontal disease, medical emergency management and more.

Anticipated Learning Outcomes

- Become familiar with and gain confidence in properly identifying and referring patients with oral pathology.
- Educate patients in preventive oral hygiene techniques, as well as treatment options and oral hygiene adjuncts for the periodontally affected patient.
- Discuss and understand recent coding changes to aid in selecting and entering appropriate hygiene workload.
- Discuss possible medical emergencies and the appropriate action for each.
- Understand different local anesthetic delivery techniques for effective anesthesia.
- Understand the association between periodontal disease and environmental and systemic factors such as tobacco use and chronic systemic diseases.
- Learn basic underlying causes of oral-facial pain and how to refer as necessary.

Continuing Education Credit: Max hrs. 14
CLINICAL DENTISTRY UPDATE

28-31 May 2019  Quota: 60

Director
CDR Joshua E. Cohen, DC, USN
Department Head, BDC NAB Coronado, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Federal (GP), USPHS, and Retired DoD dentists are eligible on a space available basis.

Training Description
This course is designed to present a comprehensive overview on emerging materials and techniques and will be focused on the clinical general dentist. Particular emphasis will be placed on recent developments in direct restorative materials, equipment, and instrumentation. Overall treatment philosophies and controversies will be highlighted and emphasized. Topics will include: dentin bonding, all-ceramic restorations, emerging resin restorative materials, and principles of caries management by risk assessment.

The course will be a mixture of lecture and hands-on exercises.

Anticipated Learning Outcomes
- Describe newer materials in the dental product market and determine if they make a clinically relevant difference to include in your practice.
- Discuss current philosophies and controversies in clinical dentistry.
- Apply the principles of CAMBRA in a military model.
- Discuss the clinical advantages of newer products and materials in the market.

Continuing Education Credit: Max hrs. 25
DENTAL TREATMENT PLANNING

27-29 August 2019  Quota: 40

Director
CAPT Christopher Stewart, DC, USN
Master, Academy of General Dentistry
Staff Comprehensive Dentist, BDC MCRD, DDS, NMCSD

Eligibility
DoD Active Duty dentists only, junior officers, O-3 and O4.

Training Description
This course is directed to the clinical general dentist and will provide a comprehensive overview and update of the major specialty areas. In some specialty areas, clinical techniques for general dentists will be reviewed in detail. In addition, overall current treatment philosophies will be discussed especially where current controversies exist. Anticipated specialty areas of coverage: Operative Dentistry, Esthetics, Occlusion, Fixed and Removable Prosthodontics, Implantology, Dental Materials, Oral Surgery, Periodontics, Endodontics, Orthodontics, Oral Medicine/Oral Pathology and Orofacial Pain. The course is divided into both lecture and participation. The lectures will review current preventive, diagnostic, restorative techniques and materials and their impact on the treatment planning process. The second part allows groups of participants to develop, present and discuss treatment plans as a group for selected cases requiring a multidisciplinary approach.

Anticipated Learning Outcomes
- Discuss the newer technologies, equipment and instrumentation in various specialty areas.
- Describe the newer available materials in the dental products market.
- Describe appropriate clinical techniques and materials for general dentists to apply in various clinical situations.
- Discuss the current philosophies and controversies in the dental specialties.
- Demonstrate new skills in constructing and judging sound multidisciplinary treatment plans.

Continuing Education Credit: Max hrs. 21
ORTHODONTICS AND PEDIATRIC DENTISTRY

10-13 September 2019 Quota: 40

Co-Directors
CDR Raoul H. Santos, DC, USN
Division Officer, Orthodontics Department, BDC NAVBASE SD, DDS, NMCSD

LCDR David G. Burke, DC, USN
Division Officer, Pediatric Dentistry, ORAL SURGERY & HOSPITAL DENTISTRY, DDS, NMCSD

Eligibility
DoD Active Duty and Active Reserve dentists.
Registration priority will go to junior O3 to O4 Active Duty dentists.
Federal, USPHS, and Retired DoD dentists are eligible on a space available basis.

Training Description
This training will present a review of current concepts and fundamentals in diagnosis, treatment planning, and treatment delivery for patients with various pediatric and orthodontic anomalies. Lectures will include case reviews and references to the literature. Comprehensive as well as limited and emergency dental care for the pediatric and orthodontic patient will be discussed.

The orthodontic topics covered will include diagnosis, treatment planning and correction of various malocclusions, orthodontic mechanics, interceptive orthodontics, eruption anomalies, appliance therapy, and new technologies such as Temporary Anchorage Devices (TAD’s).

The pediatric dentistry topics covered will include diagnosis and treatment planning, patient management (including special needs patients), preventive regimens, restorative techniques, pulp therapy, management of trauma, space management and interceptive treatment from infancy to adolescence.

Anticipated Learning Outcomes
- Diagnose various malocclusions and be able to make appropriate orthodontic and pediatric referrals.
- Develop an understanding of basic orthodontic materials and treatment mechanics using fixed and removable appliances.
- Review the timing of eruption and appropriate management of various eruption anomalies including ectopic eruptions and impactions.
- Identify the indications for space maintenance and the various appliances used to prevent space loss.
- Understand when space maintenance is not indicated.
- Develop an understanding of indications for the use of TAD’s.
- Describe current techniques used to treat anterior and posterior crossbites.
- Recognize the rationale for serial extraction, when it is indicated and its role in assisting the eruption of the permanent dentition when crowding is anticipated.
- Develop an appreciation for the role orthognathic surgery plays in conjunction with orthodontics in treating various malocclusions.
➤ Describe the fundamentals in performing a comprehensive examination on a child including ordering appropriate radiographs.
➤ Understand the etiology and prevention of Early Childhood Caries.
➤ Review the full range of patient management techniques and their acceptability by parents.
➤ Diagnose, treatment plan and manage pediatric dental emergencies, trauma, infections, pulp therapy and space management.
➤ Understand the “basics” of space maintenance in pediatric dentistry.
➤ Learn current restorative options in pediatric dentistry.

Continuing Education Credit: Max hrs. 25
PRINCIPLES OF CAD CAM DENTISTRY

24-26 September 2019 Quota: 40

Director
CDR Edward Givens Jr, DC, USN
CAD/CAM SME, Prosthodontics Department, BDC NAVBASE SD, DDS, NMCSD

Eligibility
Priority will be given to DoD Active Duty dentists enrolled in an AEGD or GPR program. Active duty dentists with less than 5 years of commissioned service. Federal and USPHS dentists will be offered seats 5 working days before the training start date on a space available basis.

Training Description
This program is designed to meet the additional training requirement to request the supplemental privilege to restore teeth with milled restorations. The training will present the basic elements of digital dentistry, treatment planning all-ceramic restorations, and modifications in workflow to optimize the outcomes of CAD/CAM dentistry. Training consists of both lecture and hands-on exercises that will provide the knowledge and experience to treatment plan and restore single posterior teeth with milled CAD/CAM restorations. Providers should bring dental loupes or eye protection with magnification to gain the most benefit from the course.

Topics will include:
- Modification in tooth preparations to optimize imaging and milling.
- Reliable techniques to capture accurate digital impressions.
- Hands-on imaging typodont and live patients.
- Efficient CAD techniques for modifying dental restoration proposals.
- Millable dental materials and resin adhesives.
- CEREC software version 4.5.2

***Successful completion of this training is required prior to enrollment in Advanced Techniques in Digital Dentistry.

Anticipated Learning Outcomes
- Recognize modifications in tooth preparations to optimize clinical outcomes.
- Application of techniques for obtaining accurate digital impressions.
- Critically evaluate virtual models for accuracy.
- Selection of appropriate milled indirect restorative materials.
- Utilize adhesive materials to achieve predictable delivery of all-ceramic restorations.
- Optimize function and esthetics through polishing milled restorations.

Continuing Education Credit: Max hrs. 21
NAME (Last, First): ___________________________ RANK/RATE/TITLE: ______________________

BRANCH OF SERVICE: __________ POINT OF CONTACT: ________________________________

UNIT / COMMAND or ORGANIZATION: ________________________________________________

COMPLETE MAILING ADDRESS (HOME OR COMMAND): ________________________________

PHONE: COMM: ______________ DSN: __________________

E-MAIL ADDRESS: ________________________________________________

DEMOGRAPHICS (PLEASE CHECK ALL THAT APPLY):

☐ US NAVY  ☐ US COAST GUARD
☐ US ARMY  ☐ INTERNATIONAL
☐ US AIR FORCE  ☐ USPHS

STATUS (PLEASE CHECK ALL THAT APPLY):

☐ ACTIVE DUTY  ☐ DoD RETIRED
☐ ACTIVE RESERVE  ☐ FEDERAL GOV’T / CONTRACT
☐ INACTIVE - RESERVE  ☐ USPHS

TRAINING TITLE  TRAINING DATES

Note: All spaces must be filled in

1. A letter of confirmation will be mailed four weeks prior to course commencement. If confirmation letters are required sooner, please notify the Continuing Education Coordinator at (619) 524-1038 or DSN 524-1038 or email at charles.l.murphy14.civ@mail.mil

2. Application(s) must be submitted via email 30 days prior to course convening date. You will be notified if the course is full at the time the application is received.
Training location is building 14 on the map.