



**Directorate for Dental Services  
Naval Medical Center  
San Diego, California**

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**2014 – 2015**

**OFFICER AND ENLISTED  
DENTAL CONTINUING EDUCATION TRAINING**

REVIEWED AND APPROVED

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S. S. RAZMI, CDR, DC, USN  
DIRECTOR FOR DENTAL SERVICES

**2014 – 2015  
CONTINUING EDUCATION TRAINING DIRECTORY**

<b>DATES</b>	<b>DIRECTOR(S)</b>	<b># OF DAYS</b>	<b>COURSE TITLE</b>	<b>PAGE</b>	<b>SEATS AVAIL</b>
28-30 OCT 14	CDR S. STERLITZ CDR P. BARNDT	3	PRINCIPLES OF CAD/CAM DENTISTRY	6	30
4-6 NOV 14	LCDR D. SODEN	3	BASIC OSSEOINTEGRATION IMPLANT TECHNIQUES	7	40
9-12 DEC 14	LCDR E. GOMEZ	4	ORAL & MAXILLOFACIAL SURGERY TECHNIQUES	8	60
16-18 DEC14	CDR S. STERLITZ CDR P. BARNDT	3	ADVANCED TECHNIQUES IN DIGITAL DENTISTRY	9	30
13-15 JAN 15	CAPT J. STROTHER	3	OPERATIVE DENTISTRY	10	60
3-5 FEB 15	CAPT B. NELSON CAPT D. SCHAFER	3	ORAL MEDICINE AND ORAL PATHOLOGY	11	60
9-13 FEB 15	CAPT J. DIBELKA LCDR C. DEVIN	5	ORTHODONTICS AND PEDIATRIC DENTISTRY	12/13	50
10-13 MAR 15	LCDR C. OSWALD	4	ENDODONTIC DENTISTRY	14	50
24-27 MAR 15	CAPT D. SCHAFER	4	FORENSIC DENTISTRY	15	60
7-9 APR 15	LCDR E. GIVENS	3	PROSTHODONTIC DENTISTRY IN THE COMPREHENSIVE DENTAL PRACTICE	16	60
7-10 APR 15	LCDR C. CONNORS	4	PREVENTIVE DENTISTRY FOR HOSPITAL CORPSMEN	17	12
9-12 JUN 15	CDR S. STERLITZ	4	OPTIMIZING OUTCOMES WITH DIGITAL DENTISTRY	18	40
25-27 AUG 15	CDR T. CARPENTER	3	AREA DENTAL LABORATORY UPDATE	19	50
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*Check course 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 Academy of General Dentistry, the American Dental Association (ADA) and the Dental Board of California.

## CONTINUING EDUCATION COORDINATOR CONTACT INFORMATION

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Directorate for Branch Clinics

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## ELIGIBILITY

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

## APPLICATION

Applications must be submitted in timely manner prior to each training session to ensure seat reservation. **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/NSPS dentists may attend only two training sessions per fiscal year.

## ANNUAL TRAINING/ACTIVE DUTY TRAINING, NAVAL RESERVE

All Naval Reserve officers and enlisted personnel desiring a quota in a training MUST submit the 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 training requested. Annual Training or Active Duty Training orders should not be requested or processed until you have received written confirmation of a training session quota. Approval from the CE Coordinator or the Training Program Director does not include approval for Annual Training. **Note: If you intend to combine training session with, or include it during, Annual Training, you must contact your respective REDCOM and the Operation Support Office (OSO). Plan ahead.** The OSO or the assistant may be reached by calling DSN 522-6838, Commercial (619) 532-6838.

## ORDERS

All orders should read as follows: "Reporting Instructions: Report to Director, DDS, NMCS D, 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 (NMCS D) 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 (NMCS D) complex. The address for the NMCS D 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.**

## **ON-BASE LODGING INFORMATION**

### **BOQ RESERVATIONS (Active Duty and Retired DoD only)**

BASE	Commercial	DSN
Naval Base, San Diego	619-556-8672/3	526-8672/3
Anti-Submarine Warfare Base, San Diego	619-524-5382	524-5382
Naval Amphibious Base, Coronado	619-437-3860/1	577-3860/1
Naval Air Station, North Island, San Diego	619-545-7545	735-7545

### **BEQ RESERVATIONS (Active Duty and Retired DoD only)**

BASE	Commercial	DSN
Naval Station, San Diego	619-556-8672/3	526-8672/3
Anti-Submarine Warfare Base, San Diego	619-524-5382	524-5382
Naval Amphibious Base, Coronado	619-437-3860/1	577-3860/1
Naval Air Station, North Island, San Diego	619-545-9551	735-9551

\* **Reservations should be made as early as possible, at least two months in advance of the course in order to ensure a room.**

\* **Government transportation between bases is not available.**

\* **Navy Lodge -To make reservations, call: 1-800-NAVY-INN (Active Duty and Retired DoD only)**

## **OFF-BASE LODGING INFORMATION**

HOLIDAY INN - SAN DIEGO EMBARCADARO (619) 232-3861 or (800) 465-4329  
1355 North Harbor Drive

HOLIDAY INN - SAN DIEGO HARBOR VIEW (619) 239-6171 or (800) 465-4329  
1617 First Avenue

THE EMBASSY SUITES DOWNTOWN (619) 239-2400 or (800) 362-2779  
601 Pacific Highway

MARRIOTT ON THE MARINA (619) 234-1500 or (800) 228-9290  
333 West Harbor Drive

CLARION HOTEL BAYVIEW (619) 696-0234 or (800) 252-7466  
660 K. Street

# **PRINCIPLES OF CAD CAM DENTISTRY**

**28-30 October 2014**

**Quota: 30**

## **Directors**

CDR Stephen Sterlitz, DC, USN  
Digital Dentistry Specialty Leader

CDR Peter Barndt, DC, USN  
Digital Dentistry Specialty Leader

## **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 (GS/NSPS) 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 adhesive digital 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 4.2.x and 4.3

\*\*\*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.
- Apply 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 custom stain and glaze or polishing milled restorations.

Continuing Education Credit: Max hrs. 21

# **BASIC OSSEOINTEGRATION IMPLANT TECHNIQUES**

**4-6 November 2014**

**Quota: 40**

## **Director**

LCDR Derek Soden, DC, USN

Assistant Department Head, NBHC NAVBASE Coronado, BDA NAB Coronado, NMCSO

## **Eligibility**

DoD Active Duty dentists only, with little or no training in restoration of dental implants.

## **Training Description**

This training 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 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. Where possible, hands-on laboratory experience will be used to augment lecture material.

## **Anticipated Learning Outcomes**

- Proper treatment plan and sequence implant cases involving single-tooth restorations.
- Understand the importance of surgical/prosthetic inter-relationships in successful patient treatment.
- Understand the latest surgical techniques for site preparation with tissue regeneration and grafting.
- Understand the use of new restorative implant technology.
- 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. 21

# **ORAL & MAXILLOFACIAL SURGERY TECHNIQUES**

**9-12 December 2014**

**Quota: 60**

## **Director**

LCDR Eduardo Gomez, DC, USN

Division Officer, Oral Surgery, NBHC NAVBASE San Diego, NMCS

## **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists.

## **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 operator, 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 operator.
- 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. 27

# **ADVANCED TECHNIQUES IN DIGITAL DENTISTRY**

**16-18 December 2014**

**Quota: 30**

## **Directors**

CDR Stephen Sterlitz, DC, USN  
Digital Dentistry Specialty Leader

CDR Peter Barndt, DC, USN  
Digital Dentistry Specialty Leader

## **Eligibility**

DoD Active Duty dentist only.

\*\*\*Enrollees must have:

- 1) Privileges to deliver milled dental restorations or
- 2) Completed an introductory course in digital dentistry

Please **submit** verification of one of the above with your request for enrollment.

## **Training Description**

This program is designed for dentists who have delivered 15-20 CAD/CAM restorations and are ready to restore multiple teeth in the same quadrant, milled anterior restorations, and implants. The training is designed for the intermediate to advanced user in order to allow them to leverage digital technology for efficient restorative solutions in more complex situations. Training consists of both lecture and hands-on exercises to reinforce critical learning points.

Providers should bring dental loupes or eye protection with magnification to gain the most benefit from the course.

Topics will include:

- Troubleshooting and correcting errors in the digital workflow.
- Techniques to prepare, image, and design multiple restorations in a quadrant.
- Treatment planning and delivering anterior restorations.
- Restoration of implants using an intraoral scanner.
- Treatment planning full contour zirconia restoration.
- CEREC software version 4.2.x and 4.3

## **Anticipated Learning Outcomes**

- Incorporate steps to improve efficiency and predictability using a digital dental workflow.
- Leverage digital technology to efficiently deliver multiple restorations in a single appointment.
- Understand the critical elements of digital dentistry involved in anterior restorations.
- Scan, design, and mill an implant restoration.
- Prepare, scan, design, mill and sinter a zirconia restoration.

Continuing Education Credit: Max hrs. 21

## **OPERATIVE DENTISTRY**

**13-15 January 2015**

**Quota: 60**

### **Director**

CAPT James Strother, DC, USN

Board Certified, American Board of Operative Dentistry

Director, Advanced Education in General Dentistry Program, NBHC NAVBASE San Diego, DDS, NMCSO

### **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists.

### **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. 21

## **ORAL MEDICINE AND ORAL PATHOLOGY**

**3-5 February 2015**

**Quota: 60**

### **Director**

CAPT Brenda Nelson, DC, USN

Diplomate, American Board of Oral and Maxillofacial Pathology

Staff Pathologist, Anatomic Pathology, NMCS D

CAPT Duane Schafer, DC, USN

Diplomate, American Board of Oral and Maxillofacial Pathology

Staff Pathologist, Anatomic Pathology, NMCS D

### **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists.

### **Training Description**

This training is designed to combine the disciplines of Oral Medicine and 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

# **ORTHODONTICS AND PEDIATRIC DENTISTRY**

**9-13 February 2015**

**Quota: 50**

## **Co-Directors**

CAPT James J. Dibelka, DC, USN

Division Officer, Pediatric Dentistry, Hospital Dentistry, NMCS D

LCDR Corinne C. Devin, DC, USN

Diplomate, American Board of Pediatric Dentistry

Division Officer, Orthodontic Dentistry, BHC NAVBASE San Diego, NMCS D

## **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists. Due to a potential to reach maximum capacity for this course, registration priority will go to O3 to O4 DoD Active Duty dentists. All other spots for this short course will be considered "Space-A."

## **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. General dentists stationed overseas will find this course to be beneficial due to dependent treatment being provided OCONUS.

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. A one-half day session will be devoted to various hands-on exercises. This course will enable the participant to develop a better understanding in identifying and diagnosing patients with orthodontic and pediatric treatment needs and to become familiar with a variety of treatment modalities of these patients.

## **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. 35

## **ENDODONTIC DENTISTRY**

**10-13 March 2015**

**Quota: 50**

### **Director**

LCDR Christopher Oswald, DC, USN

Division Officer, Endodontics, NBHC NAVBASE Coronado, NMCSO

**Eligibility** Active Duty, Active Reserve, and Federal dentists (GS/NSPS).

### **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. 28

# **FORENSIC DENTISTRY**

**24-27 March 2015**

**Quota: 60**

## **Director**

CAPT Duane Schafer, DC, USN

Board Certified, American Board of Oral and Maxillofacial Pathology

Specialty Leader for Forensic Odontology to the Chief, Bureau of Medicine and Surgery

## **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists.

## **Training Description**

The primary focus of this training is forensic odontology/dentistry. This is a four 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 16 hours of lecture and 14 hours of hands-on workshops to include a dental radiograph comparison laboratory, a skeletal analysis exercise, an age-determination workshop, and a mass disaster management laboratory. Topics will include the basics of forensic pathology, crime scene investigation, DNA analysis, anthropologic assessment of human remains, and an introduction to the use of computer based forensic identification/comparison software. 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 radiographic evidence in making positive dental identifications.
- Understand indications for the use of computer based forensic identification software.
- Recognize and review tooth development/tooth eruption timetables to properly provide age assessment estimates.
- Perform hands-on dental identification of human remains in a mass disaster scenario.

Continuing Education Credit: Max hrs. 30

# **PROSTHODONTICS IN THE COMPREHENSIVE DENTAL PRACTICE**

**7-9 April 2015**

**Quota: 60**

## **Director**

LCDR Edward Givens Jr, DC, USN

Division Head-Prosthodontic Department, NBHC NAVBASE Base San Diego, NMCS D

## **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists.

## **Training Description**

This training will present a review of aspects of fixed and removable prosthodontics for both the new and experienced practitioner. Principles of diagnosis and treatment planning of conventional fixed, removable, and implant prosthodontic therapy will be addressed.

## **Anticipated Learning Outcomes**

- Diagnosis and treatment planning for fixed and removable prosthodontic therapy.
- Treatment planning dental implants in fixed and removable prosthodontics.
- Interdisciplinary treatment planning of fixed and removable prosthodontics: Periodontics, Endodontics, Orthodontics and Oral surgery.
- Overview of CAD/CAM technology and uses in prosthodontic care.
- Understanding of techniques and materials utilized to enhance fixed and removable prosthodontic treatment.
- Know how and when to refer to a specialist.

Continuing Education Credit: Max hrs. 21

# **PREVENTIVE DENTISTRY FOR HOSPITAL CORPSMEN**

**7-10 April 2015**

**Quota: 12**

## **Director**

LCDR Christopher A. Connors, DC, USN

Diplomate of the American Board of Periodontology

Staff Dentist, Periodontics, NBHC NAVBASE Coronado, NMCSO

## **Eligibility**

Active Duty Navy Hospital Corpsman. All other Federal dental assistants on a space available basis.

## **Training Description**

This training is designed specifically for enlisted personnel actively working in preventive dentistry or periodontics departments. The course includes lectures, demonstrations, and clinical instruction working with patients in applications of preventive dentistry such as performing supragingival calculus removal, oral prophylaxis procedures, plaque control instructions, fluoride treatments, and sealant application.

## **Anticipated Learning Outcomes**

- Perform dental prophylaxis procedures with increased confidence and effectiveness.
- Educate patients in preventive treatment and behavior.
- Understand the dental technician's role in implementation of the Navy Preventive Dentistry Program.
- Apply sealants to commence qualifications as a Navy Sealant Technician.

# **OPTIMIZING OUTCOMES WITH DIGITAL DENTISTRY**

**9-12 June 2015**

**Quota: 40**

## **Directors**

CDR Stephen Sterlitz, DC, USN  
Digital Dentistry Specialty Leader

CDR Peter Barndt, DC, USN  
Digital Dentistry Specialty Leader

## **Eligibility**

DoD Active Duty and Active Reserve dentists, and Federal (GS/NSPS) and USPHS dentists.

## **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 restorative digital dentistry, treatment planning all-ceramic restorations, and modifications in workflow to efficiently deliver CAD/CAM dental restorations. Training consists of both lecture and hands-on exercises that will provide the knowledge and experience to treatment plan and restore posterior teeth with CAD/CAM processed 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 4.2.x and 4.3

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

## **Anticipated Learning Outcomes**

- Recognize modifications in tooth preparations to optimize clinical outcomes.
- Apply techniques for obtaining accurate digital impressions.
- Critically evaluate virtual dental 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 custom stain and glaze or polishing milled restorations.

Continuing Education Credit: Max hrs. 28

## **AREA DENTAL LABORATORY (ADL) WORKSHOP**

**25-27 August 2015**

**Quota: 60**

### **Director**

CDR Todd Carpenter, DC, USN

Department Head, Area Dental Laboratory (ADL), DDS, NMCS D

### **Eligibility**

Active Duty Dental Laboratory Technicians and Federal (GS) Dental Laboratory Technicians.

### **Course Description**

This training is designed to refresh and update the knowledge and skills of prosthetic laboratory technicians through exposure to current standards and advancements in dental laboratory technology. An ADL update, as well as safety and infection control will also be presented. Presentations will be in the form of lectures and demonstrations with an emphasis on hands-on training. The National Board of Certification approves this course for continuing education credits awarded to Certified Dental Technicians and recognized graduates.

### **Anticipated Learning Outcomes**

- Exposure to current concepts, techniques, and materials in the field of dental laboratory technology.
- Familiarization of basic and advanced techniques through demonstrations and hands-on presentations.

# **BASIC OSSEOINTEGRATION AND DENTAL IMPLANTS AND PRINCIPLES OF CAD/CAM DENTISTRY**

**21-25 September 2015**

**Quota: 40**

## **Directors**

LCDR Derek Soden, DC, USN

Assistant Department Head, Prosthodontics Department, NBHC NAV Base Coronado BDA NAB  
Coronado, NMCS D

CDR Stephen Sterlitz, DC, USN

Digital Dentistry Specialty Leader

## **Eligibility**

- DoD Active Duty dentists only, with little or no training in restoration of dental implants.
- 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.

## **Training Description**

This program is designed to meet the additional training requirement to request the supplemental privilege to deliver milled restorations and dental implants. This combination training is designed for general dentists with little or no restorative experience with implants or CAD/CAM dentistry. The focus will be on fundamentals to achieve successful clinical outcomes. Specific areas to be emphasized include treatment planning concepts, material selection, 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 of implants. Hands-on laboratory experience will be used to augment lecture material.

Providers should bring dental loupes or eye protection with magnification.

## **Anticipated Learning Outcomes**

- Proper treatment plan and sequence implant cases involving single-tooth restorations.
- Understand the importance of surgical/prosthodontic inter-relationships in successful patient treatment.
- Understand the importance of proper maintenance regimens and the management approaches for implant complications.
- Recognize modifications in CAD/CAM tooth preparations to optimize clinical outcomes.
- Selection of appropriate milled indirect restorative materials.
- Utilize adhesive materials to achieve predictable delivery of all-ceramic restorations.
- Satisfy the didactic training requirement for credentialing in the restoration of the single tooth implant.

Continuing Education Credit: Max hrs. 35

**FY14-15 DENTAL CONTINUING EDUCATION APPLICATION FORM**  
**NAVAL MEDICAL CENTER SAN DIEGO**  
**DIRECTOR FOR DENTAL SERVICES**  
**2051 CUSHING ROAD**  
**SAN DIEGO, CALIFORNIA 92106**  
 FAX NUMBER (619) 524-0844 / DSN 524-0844  
 EMAIL: [CHARLES.MURPHY@MED.NAVY.MIL](mailto:CHARLES.MURPHY@MED.NAVY.MIL)

**Print Clearly**

NAME (Last, First): \_\_\_\_\_ RANK/RATE/TITLE: \_\_\_\_\_

BRANCH OF SERVICE: \_\_\_\_\_

COMPLETE MAILING ADDRESS (HOME OR COMMAND): \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

PHONE: COMM \_\_\_\_\_ DSN: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

POINT OF CONTACT: \_\_\_\_\_

**If you are driving a rental car** you must have documentation of the rental car agreement when entering the base.

**DEMOGRAPHICS** (PLEASE CIRCLE ALL THAT APPLY):

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

**STATUS** (PLEASE CIRCLE ALL THAT APPLY):

ACTIVE~ RESERVIST ~ INACTIVE-RESERVE~ FEDERAL GOV'T / CONTRACT~ DoD RETIRED

COURSE TITLE	COURSE 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.murphy@med.navy.mil](mailto:charles.murphy@med.navy.mil)

2. **Application(s) must be submitted by Fax or email 30 days prior to course convening date.** You will be notified if the course is full at the time the application is received.