

Clinical Innovations and Periodontal Research Symposium sponsored by District 8

All registered participants are welcome to attend.

Periodontics residents from the Army, Air Force, and Navy, and speakers from the Department of Veterans Affairs, will provide a series of 10-minute presentations highlighting innovative clinical techniques and pertinent periodontal research.

The presentations cover a wide variety of periodontal science topics and clinical advancements that support the biologic rationale for contemporary therapies and suggest innovative methods for next generation treatment. This seminar includes presentations on periodontal research and advanced clinical concepts.

Each speaker will have two minutes to answer questions following the presentation, with three minutes allotted for speaker transition.

US ARMY SPEAKERS		
Speaker	Presentation	Objectives
MAJ Han Kim	Predictors of standardized in-service examination performance and residency outcomes in a graduate periodontics program	<ol style="list-style-type: none"> 1. Describe the concept of programmatic assessment in Health Professions Education. 2. Describe strategies for increasing the value of the standardized assessments in graduate periodontics programs.
MAJ Chelsea Harris	Advances in surgical template design in dental implantology	<ol style="list-style-type: none"> 1. Describe creative applications for in-practice CAD/CAM surgical templates in implantology. 2. Describe ways in which advancements in surgical templates may benefit clinicians and patients.
CPT(P) Benjamin Ottoson	Technology, graduate dental education, and military readiness	<ol style="list-style-type: none"> 1. Understand the financial and operational costs associated with dental emergencies among military personnel. 2. Describe emerging technologies that may enhance the ability of military dentists to minimize the occurrence of dental emergencies among service members.
CPT Alan George	Blood collection for autologous blood-derived product preparation: Technique and application	<ol style="list-style-type: none"> 1. Describe an armamentarium and protocol for safely obtaining blood samples for autologous blood-derived product (ABP) preparation. 2. Describe blood sample volumes required for ABP preparation in typical periodontics procedures.
US AIR FORCE SPEAKERS		
Speaker	Presentation	Objectives

Capt Mary Namy	Periodontal surgical support of orthodontic treatment	<ol style="list-style-type: none"> 1. Describe lessons learned and present unique clinical cases of periodontal surgeries accomplished to facilitate orthodontic treatment. 2. Discuss treatment planning considerations with orthodontic cases.
Maj Chris Melch	Auricular acupuncture management of post-surgical pain	<ol style="list-style-type: none"> 1. Introduce auricular acupuncture and evidence supporting its use. 2. Describe the acupuncture technique and when it may be useful to consider as an option for post-surgical pain.
Lt Col Thomas O'Connor	3D printing in Periodontics	<ol style="list-style-type: none"> 1. Discuss uses of 3D printing in Periodontics. 2. Present cases demonstrating use of 3D printing.
Capt Alexander Padalino	Implants in Previous Pathology Sites	<ol style="list-style-type: none"> 1. Discuss the clinical and histologic presentation of a few common oral pathologic lesions. 2. Present case management of those lesions with grafting and implant placement at the site with follow-up.
US NAVY SPEAKERS		
Speaker	Presentation	Objectives
LT Meghan Hegarty	Complications and Management of Non-resorbable Membranes	<ol style="list-style-type: none"> 1. Present an overview of the use of non-resorbable membranes in guided bone regeneration. 2. Present the findings from a recent study highlighting the complexity of these cases.
LCDR Benjamin Horn	Strategies for Long Span FGGs	<ol style="list-style-type: none"> 1. Review various FGG techniques reported in the literature. 2. Present observations from a case series of clinical cases with long span FGG recipient sites.
LT Tyler Kemerer	Cortical Bone Thickness and Drill Deflection in Guided Implant Surgery	<ol style="list-style-type: none"> 1. Compare the accuracy and precision of guided implant placement versus conventional implant placement. 2. Explore clinical scenarios subject to drill deflection and methods for characterizing deflection.
LCDR Michael Siy	Laser Treatment of a Vascular Lip Lesion	<ol style="list-style-type: none"> 1. Present the preliminary findings from an ongoing 12-month, single-center study evaluating the effect of LANAP® therapy on periodontal disease.