

# CLINICAL PERIODONTOLOGY for General Dentists and Dental Hygienists

with  
**NIKOLAOS SOLDATOS**  
*DDS, MSD, PhD*



**8 CEUS**

**FRIDAY, NOVEMBER 8, 2024**  
*Las Vegas, Nevada*

**SATURDAY, NOVEMBER 9, 2024**  
*Reno, Nevada*

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## ABOUT THE SPEAKER



Dr. Nikolaos K. Soldatos is a tenure track Associate Professor and Clinical Director at the PG Advanced Program in Periodontics, Department of Periodontics, School of Dentistry, Oregon Health & Science University (OHSU). He is a Board-Certified Periodontist and Implant Surgeon from the American Board of Periodontology. For the academic years 2017-2019, he was the President of the Faculty Senate at the School of Dentistry,

University of Texas Health Science Center at Houston.

Dr. Soldatos earned his DDS from the Dental School of Athens, National and Kapodistrian University, Athens, Greece in 2006 and taught for the Department of Prosthodontics from 2007-2011 as a Clinical Instructor. In 2011, he served for one year in the Greek Army. In 2012, Dr. Soldatos completed his PhD degree at the Medical School of Athens, National and Kapodistrian University of Athens, Greece. In 2015, he earned a Certificate in Periodontics and Implant Dentistry and a Master of Science in Dental Medicine (MSD) from the School of Dental Medicine, University of Colorado, Anschutz Medical Campus, Aurora, CO. Furthermore, in 2015, he completed an Implant Fellowship and became an Assistant Professor at the same University, Division of Periodontics, Department of Surgical Dentistry.

In December 2015, Dr. Soldatos joined the School of Dentistry, University of Texas Health Science Center at Houston, at the Department of Periodontics and Dental Hygiene as an Assistant Professor, where he left in 2022 as an Associate Professor to join OHSU. As part of his interaction with the scientific community he is the PI in a multiple arms study assessing the "Temperature Changes During Implant Osteotomy Preparations, in Fresh Human Cadaver Tibiae and Impact of Heat Generation on Bone Viability and New Bone Formation". He has validated a highly innovative and translational ex-vivo bone healing model recapitulating in vivo conditions of implant placement. This model employs fresh human cadaver tibiae using a novel technique that rescues resident bone and progenitor cells to facilitate translational bone healing research. The preliminary results of this work were awarded with the Best Oral Scientific Award at the 2019 annual meeting of the Academy of Osseointegration in Washington, DC. The first two parts of this study were published in 2022 at the journals *Materials* and *Genes*. He also serves as a co-PI in four other clinical multi-center studies. In 2020, he was awarded a \$25,000 grant support from the American Academy of Implant Dentistry Foundation (AAIDF) for his study "Cellular Effects of High Implant Insertion Torque via Conventional Preparation versus Osseous Densification in an Innovative Fresh Human Cadaver Model".

Dr. Soldatos is member of American Academy of Periodontology (AAP), Academy of Osseointegration (AO) and Ambassador for Academy of Osseointegration. He serves as a member of Continuing Education Oversight Committee and Clinical Innovations Committee of the Academy of Osseointegration.

His clinical interests include vertical ridge augmentation (VRA) with the use of guided bone regeneration, mylohyoid muscle release (MMR) for horizontal ridge augmentation (HRA) and VRA surgeries, guided implant dentistry and temperature changes during implant osteotomy preparations, where he has published numerous papers. He maintains a faculty practice limited to Periodontology and Implant Dentistry at OHSU.

## SEMINAR LOCATIONS

**FRIDAY, NOVEMBER 8, 2024**

*Gold Coast Hotel & Casino*

4000 W. Flamingo Rd • Las Vegas, NV 89103  
(702) 367-7111

**Day of Parking: Complimentary.** Use hotel garage.

**Rooms:** Reserved at *\$XX/night* until XX.

Mention Concord Seminars when reserving.

**SATURDAY, NOVEMBER 9, 2024**

*Atlantis Casino Resort & Spa*

3800 S. Virginia St • Reno, NV 89502  
(775) 825-4700

**Day of Parking: Complimentary.** Use open lots.

**Rooms:** Ask for best available rate.

## COURSE DETAILS

**TUITION (PER PERSON)**

**\$310 - Dentists**

**\$205 - Hygienists & Auxiliaries**

*Add additional \$15/person if registering after: November 1*

*Register Online / Phone / Mail*

**INCLUDES:**

Continental breakfast, coffee break, lunch, dessert break, bound course manual & certificate for **8 CEUs.\***

\* 8 CEUs are awarded based on attendance of entirety of lecture. Late arrival or early departure will result in adjustment of credit.

**REFUND POLICY:**

Full refund less a \$50 non-refundable deposit per registrant with a written notice received **NO LATER** than **Friday, November 1**. No refund will be given after that date. A 2 year credit (*with \$50 administration fee*) for another seminar will be issued in the name of the non-attending registrant.

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**NIKOLAOS K SOLDATOS, D.D.S., M.S.**  
"CLINICAL PERIODONTOLOGY"

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## COURSE OUTLINE

### I. Diagnosis, Prognosis and Treatment plan

- A. Differences between the 1999 and the 2017 periodontal diagnosis classification system
- B. Medical history
- C. Periodontal charting
- D. Radiographs in clinical periodontology
- E. Prognosis' classification systems
- F. Clinical risk assessment
- G. Etiology and diagnosis of periodontal disease
- H. Rationale for periodontal treatment
- I. Treatment plan

### II. Non-surgical treatment

- A. Sequence of treatment and healing patterns
- B. Periodontal instrumentation with hand instruments and piezo/cavitron
- C. The use of medications/antibiotics in clinical periodontology

### III. Surgical treatment

- A. Different surgical concepts in clinical periodontology:
  - i. Osseous surgery
  - ii. Guided tissue regeneration
  - iii. Crown lengthening
  - iv. Extraction/ridge preservation
  - v. Guided bone regeneration
  - vi. Virtual implant planing and surgical implant placement

### IV. Open Discussion

## LEARNING OBJECTIVES

*At the completion of this course, the participants should be able to understand:*

- The difference between the old and the new AAP classification system and the importance of a proper periodontal charting
- The significance of a thorough medical history at the first appointment and when a medical consultation should be sent to PCP prior to any periodontal treatment.
- All the factors which will help them place a treatment plan tailored to the needs of their patients.
- The interaction between periodontal diseases and systemic conditions.
- The sequence of the periodontal treatment and the expected healing patterns.
- When a patient should be referred to the periodontist and the difference between non-surgical and surgical treatment modalities
- The different surgical modalities from resective to regenerative.
- The correct CDT coding for the periodontal procedures.

*Dr. Soldatos' presentation will use an interactive lecture format that will include a wide variety of clinical photographs to emphasize and demonstrate concepts. The seminar will discuss the latest in therapies to treat periodontal diseases to optimize oral health. There will be ample opportunity for Q & A following each section of the presentation and at the end of the session.*

## COURSE DESCRIPTION

The course is designed to discuss the contemporary aspects of clinical periodontology for general dentists and dental hygienists. Starting from the patient's medical history and how important is to understand when to move forward with the data collection and in which circumstances to give a medical consultation. The rationale behind a medical consultation is to communicate to the primary care physician and/or the specialist doctor, our concerns/recommendations or request for adjustment of medications. Systemic diseases and specific medications which may lead to a medical consultation request will be addressed.

As far as the collection of periodontal data, the importance of a correct periodontal charting will be emphasized since with the use of the new classification system, interproximal clinical attachment loss (CAL) is a predisposing factor to correctly diagnose our patients.

Finalizing the periodontal data collection, the need for full mouth x-rays and generally the use of radiographs in periodontology, will be discussed. Subsequently, several exercises on site will be performed so all participants will understand the etiological factors, the proper diagnosis and rationale behind the new classification system involving the staging and grading of chronic periodontitis.

Determination of periodontal prognosis is essential before the treatment plan is finalized and accepted from the patient. Therefore, the factors involved in this process along with the different prognostic classification systems will be reviewed. Since the risk of developing periodontal disease is different from patient to patient, all the factors, indicators and predictors will be analyzed. All the aforementioned stages will lead to the rationale of periodontal treatment which will be presented through a complete and tailored treatment plan to cover the specific needs of our patients.

The second and third parts of the course will discuss the secrets behind the successful treatment of periodontal disease. Starting from the proper oral hygiene instructions, the increase of patients' compliance, the non-surgical and surgical treatments will be explored. As far as the non-surgical treatment is concerned, all the different approaches using either hand instruments or piezo/cavitron will be demonstrated with the use of videos showing the proper adaptation and angulation of the instruments.

Following the completion of the first phase of treatment (non-surgical), the determination if the patient will benefit from a surgical approach to accomplish the goal of periodontal therapy, which is the pocket depth reduction will be evaluated, either having a resective approach such as an osseous surgery or regenerative such as guided tissue regeneration. The participants will comprehend all the factors which will help them take the right decision with several exercises and clinical cases. Finally, advanced surgical techniques will be demonstrated in order to treat patients who are periodontally stable and would like to move forward with other needs, such as guided bone regeneration or extraction and ridge preservation, to place implants and restore partially edentulous areas.

The speaker receives no support from any commercial organization and does not promote any commercial products or sell any tapes, books, instruments, forms or other materials for this course.

## CONTACT US

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### Special Needs / Requests?

Please call the office for assistance.

## REGISTRATION FORM

Cost: **\$310** for Dentists / **\$205** for RDHs and Aux. / U.S. Funds **\$180** for RDHs + Aux. in Attendance w/ Dr. - see details on reverse

**Late Fee:** Add \$15/registrant if after **Friday, November 1, 2024**

Please *clearly* enter your name as it appears with the State Board of Dental Examiners for your CE credit.

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