

# CBCT & Guided Implant Surgery: **From Imaging to Clinical Execution**

**Dr. Varo Boyer**

DDS, MICOI

Course Director



**1-DAY**  
(7 CEU)  
**LECTURE**

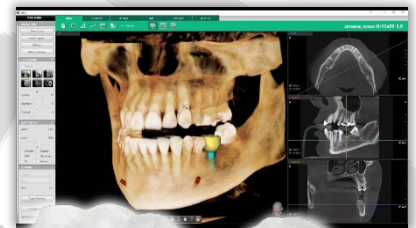
## PROGRAM OVERVIEW

This course provides a clinically focused overview of cone beam computed tomography (CBCT) and its integration into guided implant surgery. Participants will learn the principles of CBCT acquisition, including image capture protocols, field-of-view selection, and factors influencing image quality and diagnostic accuracy. Emphasis is placed on systematic CBCT interpretation, with a focus on identifying critical anatomical structures, recognizing common pathologies, and assessing site-specific risks relevant to implant therapy.

Building on this foundation, the course introduces a digital workflow for guided implant surgery, including integration of CBCT data with intraoral scans for prosthetically driven planning. Participants will learn virtual implant positioning, surgical guide design and ordering, and the clinical workflow for static guided surgery. Hands-on exercises will reinforce CBCT interpretation and guided implant placement using surgical guides and typodont models.

Upon completion of this course, participants will be able to:

- Explain CBCT acquisition principles and optimize imaging for implant planning
- Interpret CBCT scans and identify relevant anatomy and risk factors
- Integrate CBCT data with intraoral scans for prosthetically driven implant planning
- Describe and execute the workflow for static guided implant surgery, including virtual planning and guide utilization
- Recognize sources of error in imaging, planning, and guided surgery, and apply strategies to improve accuracy

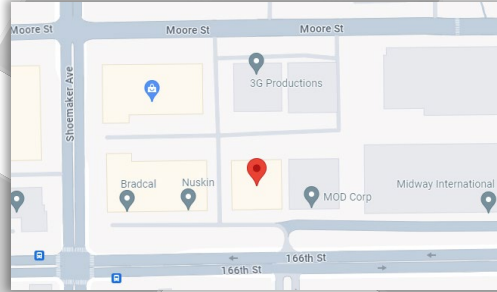


## ABOUT DR. BOYER

**Dr. Boyer** is a dentist, clinician, professor, researcher, and author. He graduated from the UCLA School of Dentistry in 2008 and completed two hospital-based GPR programs at Cedars-Sinai Medical Center and the VA Healthcare System, receiving advanced training in oral and maxillofacial surgery, complex treatment planning, and dental implant placement and restoration. Since 2010, Dr. Boyer has been in private practice in Los Angeles, CA, and joined the UCLA School of Dentistry faculty in 2011, teaching dental students and AEGD residents. From 2018–2020, he trained at the UCLA Dental Implant Continuum, focusing on evidence-based protocols and advanced implant technologies. In 2020, he became one of four investigators in a five-year global ceramic implant study with the IAOCI and Zirconia Implant Research Group. He serves as a Board Member of the International Academy of Oral Ceramic Implantology (since 2022) and, in 2024, earned the title of Master from the International Congress of Oral Implantologists.

## Event Information

Dates	Time	Location	Tuition	CE
<b>2026</b> <b>July 19</b> <b>SUN</b>	<b>PST</b> 9am-5pm	<b>World Academy of Dental Education</b> US Dental 1F  13043 166 <sup>th</sup> Street Cerritos, CA 90703	<b>\$495</b>	<b>7</b>



## Registration \*Online Registration: [www.wadedental.org](http://www.wadedental.org)

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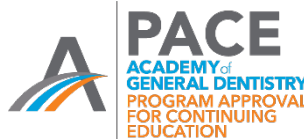
### Contact

Tel. 714-335-9739 / Email. [info@wadedental.org](mailto:info@wadedental.org)

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### Refunds/Cancellation

Incase of cancellation by registrant, refunds will be issued if received no later than two weeks prior to program date. World Academy of Dental Education will not be responsible for expenses incurred by registrant.



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4/1/2026 to 3/31/2029.  
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