



## CADAT / CDAА Joint Annual Conference April 19 – 20, 2024



**Frank Vinculado, RDA**  
[frank@toothfairysystems.com](mailto:frank@toothfairysystems.com)

### **Course: *Teaching Methodology for Digital Dentistry: The Future at your Fingertips***

#### **Course Description:**

This hands-on experience is designed to equip dental professionals with the skills and knowledge necessary to navigate the evolving landscape of dentistry, particularly in the context of "Same Day Teeth."

The course recognizes the paradigm shift in dentistry, with a growing emphasis on the ability to provide same day SMILES to patients. As dental offices increasingly embrace new-age equipment, including intra-oral scanners (IOS), 3D printers, and advanced design software, this session serves as an introduction to these cutting-edge technologies.

Throughout the course, emphasis is placed on bridging the gap between theory and practical application. Participants will leave with a heightened level of confidence in utilizing digital technologies for "Same Day Teeth" procedures, ultimately enhancing their capabilities and keeping pace with the advancements in modern dentistry.

Join us in this transformative journey, where you'll not only witness the future of dentistry but actively engage with and adopt the tools that are shaping it. "Digital Dentistry: The Future at your Fingertips" is your gateway to staying at the forefront of the dental field's technological evolution.

#### **Educational Objectives:**

**Intra-Oral Scanners (IOS):** Participants will gain firsthand experience with the latest intra-oral scanners. Through hands-on activities, you will learn to operate and navigate these scanners efficiently, gaining proficiency in capturing accurate digital impressions.

**Digital Design Software:** Dive into the world of digital design software used in modern dentistry. The course provides practical insights into the functionalities and applications of design software, allowing participants to explore the creation of digital models and treatment plans.

**3D Printers in Dentistry:** Explore the integration of 3D printing technology in dental practices. Understand how 3D printers are utilized for "Same Day Teeth procedures", including the fabrication of prosthetics, crowns, and other dental components.



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**Surgical Guide Case Planning:** Learn to plan surgical guide cases effortlessly with just a few clicks. The course demonstrates the seamless integration of digital tools in the planning and execution of surgical procedures, contributing to precision and efficiency.

**Hands-On Scanning:** Participants will have the opportunity to take scans of their own and practice using intra-oral scanners. This practical experience ensures a deeper understanding of the scanning process and enhances proficiency.

### Speaker Bio

Frank Vinculado is a seasoned dental professional with a rich and diverse career that spans over two decades. His journey began in 2004 at UCSF, where he initially worked pulling charts for the School of Dentistry. However, it was his innate fascination with x-rays that paved the way for a remarkable trajectory in dental radiology.

Frank's dedication and enthusiasm propelled him into the Radiology Department, where he not only earned his radiation safety certificate in 2005 but also discovered his passion for imaging education. His commitment to advancing the field led him to collaborate with the Radiology Instructor in guiding dental students through the intricacies of oral radiology. This commitment eventually saw Frank assume the roles of Oral Radiology Manager and Radiology Instructor.

During his tenure, Frank spearheaded the initiative to transition the School of Dentistry to digital imaging and centralized storage, showcasing his leadership and innovation. His involvement in shaping the curriculum for first and second-year dental students underscored his commitment to educational excellence, earning him the affectionate moniker, "X-Ray Frank."

In 2021, Frank took on a new challenge by joining Reveal Diagnostics, a local imaging and surgical guide lab. His prior consultation with the lab laid the foundation for instituting accredited radiology protocols and staff training modules. Frank's multifaceted skills also extended to designing implant surgical guides, showcasing his adaptability within the dental imaging landscape. Concurrently, he assumed the role of Technical Field Trainer for Straumann Group dental training offices, focusing on the latest advancements in imaging and 3D printing technology.

Presently, Frank serves as a Digital Solutions Specialist at Neodent, seamlessly blending his passion for dental imaging with a distinctive teaching style. In this role, he leverages technology to empower dental practices in delivering top-notch patient care.

Beyond his clinical roles, Frank, alongside his wife Brittney, acquired Tooth Fairy Systems (TFS) in 2017. His journey with TFS began during his pursuit of the Registered Dental Assistant (RDA) license in 2013, where he developed close ties with industry figures Cara Miyasaki and Eloise Reed. Transitioning into an instructor role at TFS, Frank's dedication to educating and empowering dental assistants continues to flourish, reflecting his enduring commitment to the growth of the dental profession.