

5th International Conference on Prosthodontics

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Keynote Forum



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Augmented visualization and patient communication in the digital dental era

In the transition of our lives into the digital world, dental practices will not be left behind. Digital scanning continues to evolve from being a replacement for PVS impressions to becoming a partner in diagnosis, treatment planning, and case presentation. One of the significant challenges in dentistry has been around patient communication regarding their dental health and the consequences of delaying treatment. Incorporating digital scanning with every patient helps in still the concept of "seeing is believing". Of the many uses for itero Element 5D intraoral scanner, this will review its application and role in the digital workflow.

Key Learning Objectives

- Application of a single scan to enhance patient communication, increase revenue and improve practice efficiency.
- To Understand some key features of iTero scanner digital tools: Occlusogram, Invisalign Outcome Simulator, and iTero Time-lapse technology.
- The Application of iTero NIRI technology in caries detection and the research to support it
- Understand how and when to incorporate digital scanning in the general practice
- Understand tele dentistry and why iTero Element intraoral scanner fits in well
- Understand how digital scanning opens the door to comprehensive digital dentistry.

Recent Publications:

1. Glassman, Steven. (2009). Digital impressions for the fabrication of aesthetic ceramic restorations: a case report. Practical procedures & aesthetic dentistry: PPAD. 21. 60-4.

Biography

Glassman has treated more than 2000 Invisalign patients since 2002 and has been a member of the Align Faculty since 2004. A pioneer in Digital Scanning, He was one of the first users of the Itero digital scanner in the world and continues to publish and lecture on comprehensive digital workflow. In 2005, he was recognized by his peers as the winner of the Invisalign Case Shoot Out where his case was chosen among thousands of entries. He is a proud graduate of Brandeis University and Columbia University College of Dental Medicine. He practices with his wife in the Lincoln Centre Area in New York City and focuses on Cosmetic, Implant and Aligner therapy. In 2018, He was named to the Zimmer Biomet faculty adding to the digital workflow of aligners and implants. In 2020, He received the award for 15 years of service. Recently, he was the first user of the iTero 5D in the United States. He was featured in the iTero simplifying the complex series and demonstrating the digital workflow of Porcelain Veneers.

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PROSTHODONTICS

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Minimal invasive technique: For implant prosthetic rehabilitation of atrophic ridges

Ridge splitting is a technique-sensitive procedure in which alveolar expansion creates a self-space-making defect. This procedure may be performed with the use of a hand instrument, micro saw, or ultrasonic device. When any instrument is used for ridge expansion a longitudinal osteotomy takes place inducing greenstick fracture with lateral positioning of the buccal cortical plate which leads to the formation of a new implant bed. Other treatment approaches like GBR, and titanium mesh have more complications and drawbacks. Low morbidity and short treatment time are major advantages of ridge splitting. Unavoidable bone resorption occurs after tooth extraction, for which dental implants have been established. Alveolar ridge splitting might be considered a predictable approach for a high implant survival rate, adequate horizontal bone gain, and minimal intra and post-operative complications.

Recent Publications:

1. Bali, Yashika. (2023). Section A-Research paper Prosthetic Rehabilitation of Mucormycosis Patient with Cast Partial Definitive Obturator Prosthetic Rehabilitation of mucormycosis patient with cast partial definitive obturator European Chemical Bulletin. 12. 5831-5835.
2. Choudhary, Shivendra & Bali, Yashika & Kumar, Amrit & Singh, Vaibhav & Singh, Ravpreet & Nayan, Kamal. (2022). Outcomes Following Hydraulic Pressure Indirect Sinus Lift in Cases of Simultaneous Implant Placement with Platelet-Rich Fibrin. Cureus. 14
3. Bali, Yashika. (2022). An In Vitro Comparative Assessment of The Effectiveness of Occlusal Convergence Reduction, Modification of The Occlusal Surface, And Added Auxiliary Features on Full Veneer Metal Crown Resistance Placed on A Molar Tooth Having Inadequate Resistance Form. Journal of Pharmaceutical Negative Results. 13. 623-626.

Biography

Yashika Bali is working as an Associate Professor in the Department of Prosthodontics & Crown and Bridge at Swami Vivekananda Subharti University, Subharti Dental College & Hospital, Meerut. She has a total experience of more than 6 years after Post Graduation. She has conducted many Pre-Conference Courses and has chaired scientific sessions at many National and International Conferences. She has been invited as Keynote Speaker at various International Conferences. She has attended many conferences and workshops to date and presented various posters and papers at conferences. She is having two books and various national and international pubmed and Scopus publications. She has won the award for Excellence in Dental Implantology by Global Professional Awards 2022 and Emerging Implantologist of the Year by cynodent global healthcare, world Dental Excellence Awards 2023.

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