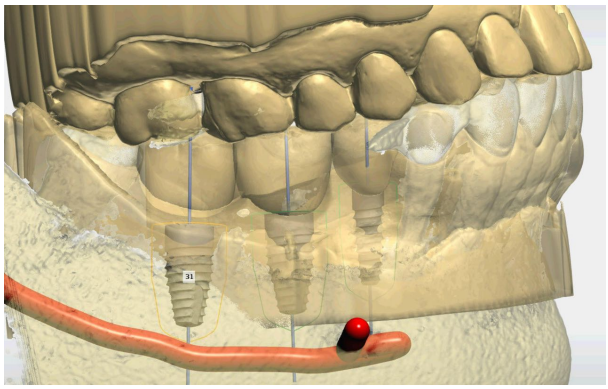
Digital Implant Dentistry in the 4th Dimension

Optimal Implant Predictability, Safety, and Patient Satisfaction

Frustrated with poorly-positioned implants, aesthetic compromises, functional problems, or other complications? Elevate your implant placement precision and safety to new levels and achieve highly predictable results that your patients will love.



Digital applications provide safer and more predictable dental implant therapies. Evidence has shown that placement of implants using conventional X-rays and surgical guides is associated with a high degree of operator error and inaccuracy. 2-D diagnostics and free-hand implant placement is simply risky and dangerous.

In this engaging and enlightening course, Dr. Ryan H. Kazemi covers the full spectrum of digital applications for diagnosis and planning for placement of dental implants. Learn techniques, tools, and workflow for 3-dimensional computer-assisted planning and realize the **4th dimension:** ***Remarkably happy patients.***

Discover how to make accurate assessment of the available bone, visualize the surrounding vital structures, design restorations, and select optimal implant diameter, length, and trajectory. Develop sites and place implants with total confidence and precision, creating ideal emergence phenomenon.

Topics include:

- ✓ Cone beam CT (CBCT) scan and how to interpret it
- ✓ Optical scan and 3-dimensional planning for bone and soft tissue grafting and placement of dental implants
- ✓ Design and fabrication of 3-D printed surgical guides
- ✓ Design and fabrication of customized healing abutments and provisional restorations

Learning Objectives:

- Explore complete digital workflow in dental implant surgery.
- Define principles and interpretation of CBCT for implant diagnosis, planning, and anatomical limitations.
- Understand optical scanning, digital impression techniques, and integration of digital files to prepare for implant planning.
- Learn 3-D computer-assisted planning for optimal implant placement in single, multiple, or full-arch cases.
- Describe how to design and fabricate surgical guides using 3-D printers.
- Learn how to create proper soft tissue architecture using prosthetic techniques.

Suggested Audience: General Dentists, Prosthodontists, Periodontists, Oral Surgeons
Suggested Format: Full or Partial Day; Lecture, Workshop, Keynote

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