

FP1 Full Arch Implant Reconstruction Using Digital Workflow



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Course Description:

Full-arch implant reconstruction has traditionally relied on FP3 restorations, in which irregular alveolar bone is resected and replaced with prosthetic pink ceramics. While this approach can be efficient, it presents significant limitations: patients often struggle with oral hygiene, and clinicians face challenges in diagnosing complications and providing long-term maintenance.

An alternative is the FP1 prosthesis, designed to preserve or reconstruct natural peri-implant soft tissues. This design provides superior esthetics, easier maintenance, and improved patient comfort. However, achieving a predictable FP1 restoration is considerably more demanding, requiring advanced skills in soft tissue and bone augmentation as well as meticulous prosthetic planning.

This advanced course focuses on FP1 full-arch implant reconstruction enhanced by digital workflows. The FP1 concept emphasizes preserving natural soft tissue contours while minimizing bone resection to optimize esthetics and function. Participants will learn to integrate digital smile design, facial and intraoral scanning, photogrammetry, and 3D printing to deliver precise, predictable, and esthetically superior outcomes.

Through a combination of lectures, case-based discussions, hands-on workshops, and live surgery demonstrations, this course provides a comprehensive and practical learning experience.

Educational Objectives:

Digital Planning & Diagnostics

- Apply digital smile design principles to achieve patient-centered esthetic outcomes.
- Utilize facial and intraoral scanning for comprehensive digital treatment planning.
- Incorporate photogrammetry to capture precise implant positions for immediate and definitive restorations.

Surgical Execution & Soft Tissue Management

- Perform implant surgery using 3D printed guides, stackable guides, and dynamic navigation for accurate axial and tilted implant placement.
- Master soft tissue and bone management techniques to create natural peri-implant contours that maximize esthetics and long-term stability.

Prosthetic Design & Fabrication

- Implement facially generated prosthetic design principles to optimize esthetics and occlusion.
- Gain experience with digital impression techniques using photogrammetry and intraoral scanning.
- Understand material selection and CAD/CAM protocols for durable FP1 restorations.
- Use 3D printing to fabricate prototypes, provisional restorations, and custom restorative components.

Hands-On & Live Demonstrations

- Virtual implant site planning with digital software.
- Dynamic navigation for implant placement.
- Photogrammetry and intraoral scanning workflows.
- Flap management, soft tissue handling, and bone augmentation.
- Conversion of removable prostheses into immediately loaded FP1 fixed restorations using digital workflow.

Course Schedule

see www.learnVISTA.com for schedule

July 31- August 1, 2026
8:00 AM - 5:00 PM
(16 CE Units)

Course Venue & Tuition:

VISTA Institute for Therapeutic Innovations

Tuition In-Person:
\$1595 before March 1, 2025
\$1795 before May 1, 2026
\$1995 after May 1, 2026
Free with gold membership
Tuition - Remote (Live or On-Demand):
\$695 before March 1, 2025
\$795 before May 1, 2026
\$895 after May 1, 2026
Free with gold and silver membership

