



The Digital Shift: Transforming Quadrant Dentistry

COURSE OBJECTIVES

This hands-on continuing education course is designed for dentists and dental professionals seeking to modernize their practice through digital workflows. Participants will explore the integration of digital impressions, CO2 laser technology and 3D printing for efficient, minimally invasive quadrant and conservative dentistry.

The course emphasizes practical skills to reduce chair time, improve precision and enhance patient outcomes in restorative procedures. Delivered in a round-robin format, attendees rotate through interactive stations to gain direct experience with each technology, fostering collaborative learning and immediate application.

LEARNING OBJECTIVES

By the end of this course, participants will have a better understanding of how to:

- Utilize digital impressions using intraoral scanners to streamline treatment planning and eliminate traditional molding techniques.
- Use CO2 lasers for conservative cavity preparations, soft tissue management and minimally invasive restorations to minimize patient discomfort and postoperative complications.
- Design and fabricate final restorations (e.g., inlays, onlays and crowns) via 3D printing, integrating CAD/CAM workflows for same-day delivery.
- Integrate these digital tools into quadrant-based treatment strategies for comprehensive, efficient care.
- Troubleshoot common challenges in digital dentistry and optimize workflows for conservative, tooth-preserving approaches.
- Utilize AI technology to assist in diagnosing.

SPEAKER: Patterson Equipment Specialists

This will be a round-robin format with specialists at each station, where participants cycle through interactive modules. Each station provides 45-60 minutes of guided practice, followed by debriefing and Q&A.

EVENT DETAILS

Date:
Friday, August 14, 2026

Time:
8:30 a.m. Registration
9 a.m. – 1 p.m. Breakouts

Location:
The Patterson Education Center
2240 W. Broadway Rd., Ste 110
Mesa, AZ 85202

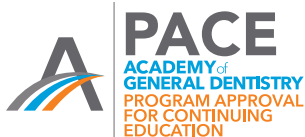
Cost:
Free

CDE Credits:
4 Participation
Prerequisites: None

AGD Subject Code:
250

Cancellation:
None

RSVP:
Scan the QR code or visit
[/form.jotform.com/260744751745463](https://form.jotform.com/260744751745463)



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Dental distributes products discussed
in this seminar. Additional information
is available upon request by calling
Patterson Dental at 800.873.7683.



