



# 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.

## SPEAKER: Patterson Equipment Specialists

This will be a round-robin format with specialists from Dexis, Solea, SprintRay and Patterson Dental 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, May 29, 2026

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

**Location:**  
Peerlogic  
15059 N Scottsdale Rd., Ste M3-350  
Scottsdale, AZ 85260

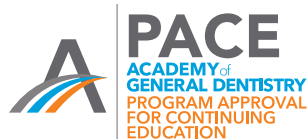
**Cost:**  
Free

**CDE Credits:**  
4 Participation  
*Prerequisites: None*

**AGD Subject Code:**  
250

**Cancellation:**  
None

**RSVP:**  
Scan the QR code or visit  
<https://form.jotform.com/260744751745463>



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(4/01/2025) to (3/31/2028)  
Provider ID#218678

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



# EVENT SPONSORS



S O L E A



**DEXIS**<sup>TM</sup>



**SprintRay**