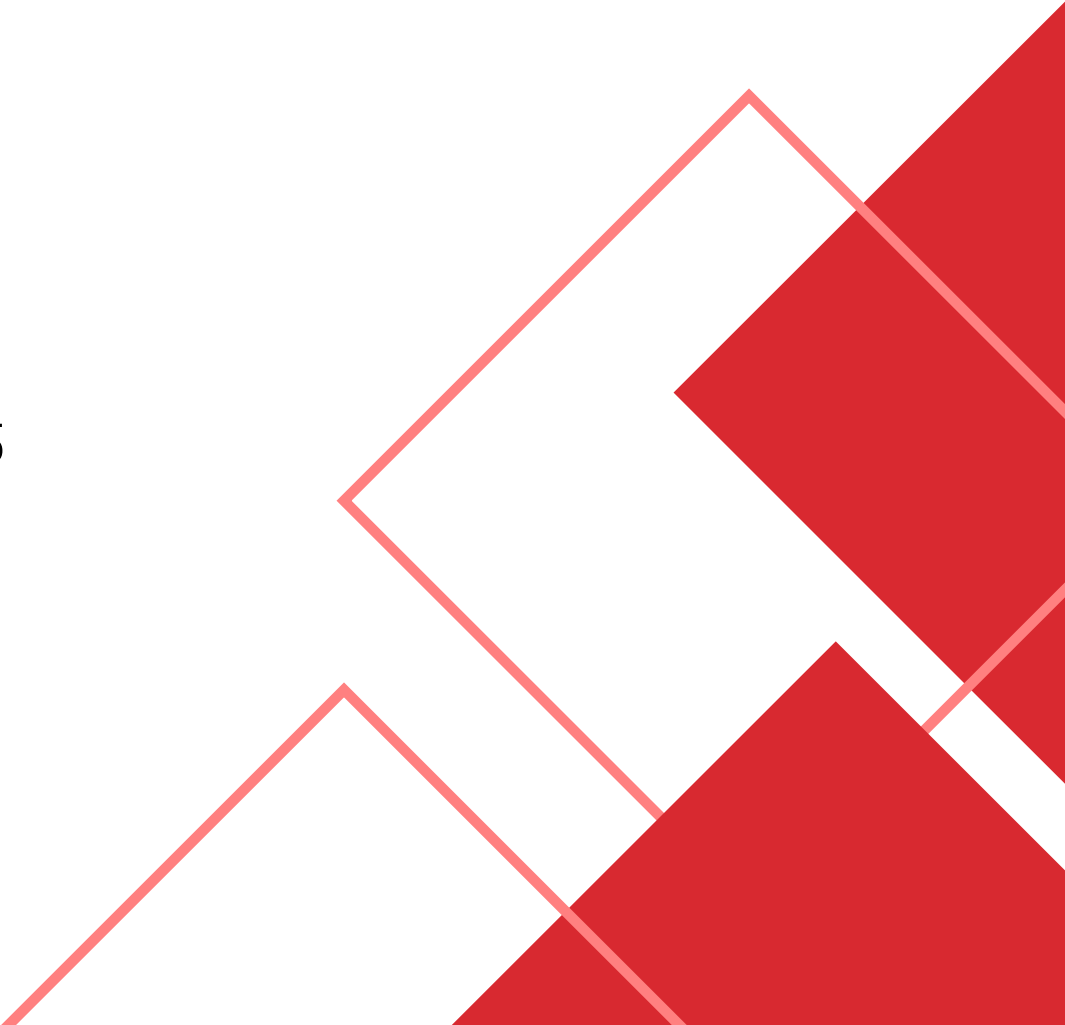


Innovations in **ENDODONTICS**

SWEEPS & Laser-Assisted Techniques

NOV 9-10 2025
TORONTO, ON



COURSE OVERVIEW

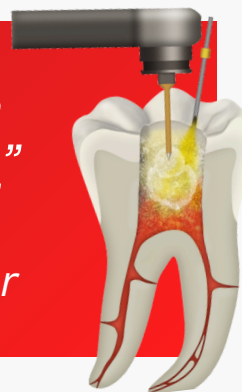
Over the past two decades, technologies such as NiTi shaping files, biocompatible materials, and CBCT imaging have revolutionized endodontics — all aiming for minimally invasive, structure-preserving care.

Enter **Laser-Activated Irrigation (LAI)** and **SWEEPS technology** — delivering **unmatched 3D root canal disinfection** through **advanced photoacoustic phenomena**.

This course is your opportunity to master these techniques with one of the field's most respected educators.

“What is removed is more important than what is introduced into the canal system.”

-Herbert Schilder



NATIONAL DENTAL INNOVATIONS

WHAT YOU WILL LEARN...



UNDERSTAND LASER-TISSUE INTERACTION

Gain a strong foundation in laser physics and how lasers affect hard and soft tissues.



LASER-GUIDED APICOECTOMIES

Enhance precision and outcomes in endodontic surgeries using laser technology.



APPLY LASER-ACTIVATED IRRIGATION (LAI) WITH CONFIDENCE

Develop practical skills to confidently use LAI techniques in clinical practice.



CERVICAL RESORPTION MANAGEMENT

Effectively diagnose and treat cervical resorption with minimally invasive laser techniques.



IMPLEMENT THE SWEEPS PROTOCOL IN VARIOUS CASES

Learn to use the SWEEPS protocol effectively in vital, necrotic, and re-treatment scenarios.



PHOTOBIMODULATION FOR HEALING

Use light therapy to accelerate healing and minimize patient discomfort.



SPEAKER

Dr. Giovanni Olivi is an internationally renowned Italian endodontist celebrated for his pioneering contributions to laser dentistry, particularly in endodontics and restorative care. Born and raised in Rome, his career blends European clinical precision with visionary innovation in emerging technologies.

Beyond his clinical expertise, Giovanni is a passionate educator, mentor, and advocate for the scientific advancement of modern laser dentistry. He has authored over **80 scientific publications**, numerous book chapters, and served as editor of several key textbooks, including *Laser in Dental Traumatology*, *Lasers in Endodontics*, *Lasers in Restorative Dentistry*, *Pediatric Laser Dentistry*, and *The Secret of Oral Laser Application*.

His achievements have earned him the **Leon Goldman Award for Clinical Excellence** and the **Theodore Maiman Award for Laser Research**. Giovanni currently serves as an **Adjunct Professor** and **Scientific Coordinator** for the Master's Program in Laser Dentistry at the Catholic University of the Sacred Heart in Rome.



SCHEDULE

DAY ONE

8:30 - 9:00:

Breakfast and check-in.

9:00 - 10:30:

Laser physics for hard and soft tissue application

10:30 - 10:45:

Break

10:45 - 12:15:

The physics and evolution of laser assisted irrigation (LAI)

12:15 - 1:00:

Demonstration of laser modality for laser assisted irrigation

1:00 - 2:00:

Lunch

2:00 - 3:00:

Advantages of SWEEPS irrigation in Endodontics

3:00 - 4:30:

Hands on irrigation on 3-D models

4:30 - 5:00:

Wrap up and Q&A session.

DAY TWO

8:30 - 9:00:

Breakfast and check-in.

9:00 - 9:15:

Review of day 1

9:15 - 10:30:

Laser protocols for vital and necrotic teeth

10:30 - 10:45:

Break

10:45 - 1:00:

Laser protocols for secondary treatment, and separated file

1:00 - 2:00:

Lunch

2:00 - 3:00:

Laser endo surgery applications

3:00 - 4:30:

Hands on lasers application in endo-surgical procedures
(that will include osteotomies and root resection).

4:30 - 5:00:

Wrap up and Q&A session.



MORE INFORMATION

16 CREDIT HOURS

**RESERVE YOUR SPOT TODAY!
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HANDS-ON FOCUS**



www.nationaldental.com
1 (800) 392-1171
info@nationaldental.com

203-89 Collier Street
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