

COMPOSITE INJECTION TECHNIQUE



Campus UIC Barcelona, On-Site	Calendar and schedule 4 February 2027 Thursday 9 a.m. - 6.30 p.m. (Spanish time)	Language English	Information and admission Number & WhatsApp: +34 930 192 304 infodonto@uic.es
Tuition fee € 750		Mode of delivery On-Site	
		Credits 1	

Composite laminates are primarily designed to enhance a patient's smile by improving the color and/or shape of their teeth. Traditionally, these restorations have been fabricated through a manual layering technique, which can be time-consuming and highly dependent on clinical skill.

The composite injection technique offers a more efficient and predictable alternative. **This method uses a digitally planned and 3D-printed or silicone template through which a flowable composite is injected directly onto the tooth.** By accurately transferring the digital design to the patient, clinicians can achieve predictable aesthetic results with greater efficiency and consistency. As a result, composite injection has become a trusted alternative to conventional layering techniques.

This course provides dentists with the knowledge and practical skills to confidently perform high-quality aesthetic restorations using the composite injection technique, from digital planning to final finishing, achieving predictable outcomes through an efficient clinical workflow.

WHY ENROLL IN THIS COURSE?

- **Hands-on Training:** Develop practical skills in the complete injectable composite workflow, from digital planning to final polishing.
- **Modern Facilities:** Train with advanced digital dentistry technologies and contemporary clinical protocols.
- **Expert Faculty:** Learn from experienced clinicians specialized in aesthetic and restorative dentistry.
- **Predictable Results:** Master a minimally invasive technique that delivers accurate, efficient, and reproducible aesthetic outcomes.
- **Digital Workflow Integration:** Enhance your treatment planning skills using smile design, mock-ups, and guided restorative procedures.
- **Clinical Confidence:** Improve your ability to manage cases, address complications, and communicate treatment plans effectively with patients.

The **Faculty of Dentistry at UIC Barcelona** is the first and only Spanish university accredited by the **American Dental Association** as provider for Continuing Education.

ADA C.E.R.P.® | Continuing Education Recognition Program

Universitat Internacional de Catalunya, Fundació Privada is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at CCEPR. ada.org.



TARGET

This course is designed for general dentists seeking to expand their expertise in restorative dentistry through the latest clinical techniques, digital workflows, and innovative technologies.

MODE OF DELIVERY

This intensive one-day course combines theoretical instruction with hands-on practical training, providing participants with a comprehensive and clinically focused learning experience. The course does not include research activities, trials, technical experimentation, or processes that may require ethical approval, biosecurity measures, or additional insurance coverage. The course falls exclusively within the scope of regular teaching activities.

ASSESSMENT METHOD

An online self-assessment test will be carried out at the end of the course so that students can assess the achievement of their personal goals and their knowledge of the content of the course.

Responsible Department
Restorative Dentistry Area
Faculty of Dentistry

Course Coordinators
Dr. Ricardo Palacios
Dr. Víctor Henaréjos



»» *Composite injection has emerged as a modern and predictable alternative to conventional layering techniques.*

**The coordinators and lecturers have no financial ties to any companies that would pose a conflict of interest with the course.*

COURSE PROGRAMME

Morning Session (09:00 AM – 2:00 PM)

THEORETICAL MODULE:

1. Introduction to the Injection Technique
 - Historical evolution
 - Clinical indications
 - Advantages and limitations
 - Longevity and evidence on the injectable technique
2. Record Taking
 - Photographic protocol
 - Intraoral records
3. Diagnosis and Treatment Planning
 - Diagnostic wax-up
 - Communication with the laboratory
 - Model fabrication
 - Aesthetic trial and evaluation
4. Fabrication of Silicone Keys
 - Types and selection of trays
 - Types and selection of clear silicone materials
 - Methodology for precise key fabrication

PRACTICAL MODULE:

- Fabrication of clear silicone keys

Afternoon Session (3:00 PM – 6:30 PM)

THEORETICAL MODULE:

1. Restorative Material
 - Properties of flowable composite
 - Types of composite materials and selection criteria
2. Adhesive Protocols
 - Isolation techniques
 - Adhesion to different substrates
3. Step-by-Step Injection Procedure
 - Composite injection techniques
 - Injection sequence
 - Removal of excess material and initial polishing
4. Finishing & Polishing
 - Correction of common errors
 - Polishing and finishing protocols
5. Maintenance
 - Maintenance protocols for injectable veneers
 - Re-polishing and re-glossing techniques

PRACTICAL MODULE:

- Tooth preparation
- Aesthetic try-in
- Adhesive protocols
- Injection techniques

STUDY IN BARCELONA

Experience the most important formative stage of your life in one of the leading European cities. Barcelona is known for its cultural and economic prominence, providing various professional opportunities.



CAMPUSES OF UIC BARCELONA

The teaching activities of the Faculty of Dentistry are conducted at the Sant Cugat campus, encompassing over 24,000 m². Our facilities are equipped with the latest state-of-the-art equipment, supporting both theory and practical classes.

THE PURSUIT OF EXCELLENCE IS IN OUR DNA, AND EFFORT AND PERSISTENCE ARE OUR DRIVERS FOR CHANGE

RANKINGS

Key rankings for the Universitat Internacional de Catalunya.



Find out about all our rankings here

 1st position nationally in the field of Dentistry	 2nd position nationally
 =4rd position nationally	 2nd position nationally in the field of Dentistry

Universitat Internacional
de Catalunya
Campus Sant Cugat
Josep Trueta, s/n
08195 Sant Cugat del Vallès
T. +34 935 042 000