

the original method by  
federico ferraris



# adhesives

INTERNATIONAL MODULES



April 27th-30th

MILAN

22



## WHY?

**Modern Restorative** is always more **adhesion** based, taking advantage of **metal free materials** to reach the best **esthetic functional result** with the most **conservative approach**.

**Onlays** are simple and valid restorations, with a quite **fast workflow** but they need to be realized respecting the **state of the art** criteria.

For these reasons we have created the **ONLAY course** because not doing a correct selection of the preparation design for every single situation, not correctly managing the preparation realization, not considering the correct spaces, can lead to catastrophic results in a short to medium term.

Nowadays patients have always more **high expectations** and proposing an **excellent predictable restoration** is the minimum goal that a success dentist must aim to.

What does the **Adhesthetics Protocol** give you more in your clinical practice?

The Adhesthetics Protocol **provides a method**, a **step by step** to perform a predictable and excellent result.



The official language of the course is English

TRAINER

federico ferraris, DDS

4 DAYS

- theory      april **27th 28th**      (wed - thu)
- hands-on      april **29th 30th**      (fri - sat)

MAXIMUM NUMBER

16 participants

LOCATIONS

- Hotel NH Machiavelli - Via Lazzaretto 5 - 20124 Milan
- Mikros srl - Viale Thomas Alva Edison 621  
20099 Sesto San Giovanni Milan

# federico ferraris, DDS, CDT coach

**National and International Speaker** and Author in the field of Restorative and Esthetic Dentistry from 2003, he hold conferences in more than **thirty** Countries. **Adhesthetics** founder.

Contributor of “**Precision in Dental Esthetics**” book by D. Massironi, R. Pascetta, and G. Romeo published in 2004 and then translated in different languages. **Trainer** at the Dr. Massironi Prosthodontics Annual Master Course from 2004 to 2018.

**EAED** (European Academy of Esthetic Dentistry) Active Member since 2006.

**AIC** (Italian Academy of Conservative) Active Member since 2007. Vice-president from 2016 to 2019. President elect for the biennium 2023-2024.

Active and Founder Member of **MSC** (Massironi Study Club) from 2007 to 2018. Active and Founder Member of **GICC** (Interdisciplinary Gymnasium CAD CAM) from 2007 to 2016.

Creator and Instructor at **Adhesthetics Restorative Courses** in Milan (from 2008), in London (from 2014) and in Madrid (from 2018).

Member of the Editorial Board of **IJED** (International Journal of Esthetic Dentistry) since 2010. **IAED** (Italian Academy of Esthetic Dentistry) Active Member since 2011.

orative Dentistry and Prosthodontics.

**SCAD** (Society for Color and Appearance in Dentistry) Regional Councilor for Europe of for the biennium 2013/14 and 2015/16. Secretary for biennium 2017-2018. President for the biennium 2022-2023. **IAAD** (International Academy for Adhesive Dentistry) Member since 2013. DSD (Digital Smile Design) Master since 2013. **AARD** (American Academy of Restorative Dentistry) Member since 2014.

**Visiting Professor** in Esthetic and Restorative Dentistry in different Universities: Genoa University (IT), University of Pisa (IT), Insubria University of Varese (IT), Alma Mater University of Bologna (IT), Dental School of Torino (IT), CEU University San Pablo of Madrid (ES), University of Almeria (ES), Universidad Europea de Madrid (ES), New York University (USA), University of Washington in Seattle (USA).

**Adjunct Assistant Professor** in the Department of Preventive and Restorative Sciences in the Associated Faculty of the School of Dental Medicine of the Upenn University in Philadelphia since January 2020 until June 2022. Member of the Editorial Review Board of **JERD** (Journal of Esthetic and Restorative Dentistry) since 2021.

Dental practice in Alessandria in his Smile Atelier, focusing in Rest



# Posterior Indirect Adhesive Restorations (PIAR) Adhetics Clinical Protocols

## ABSTRACT

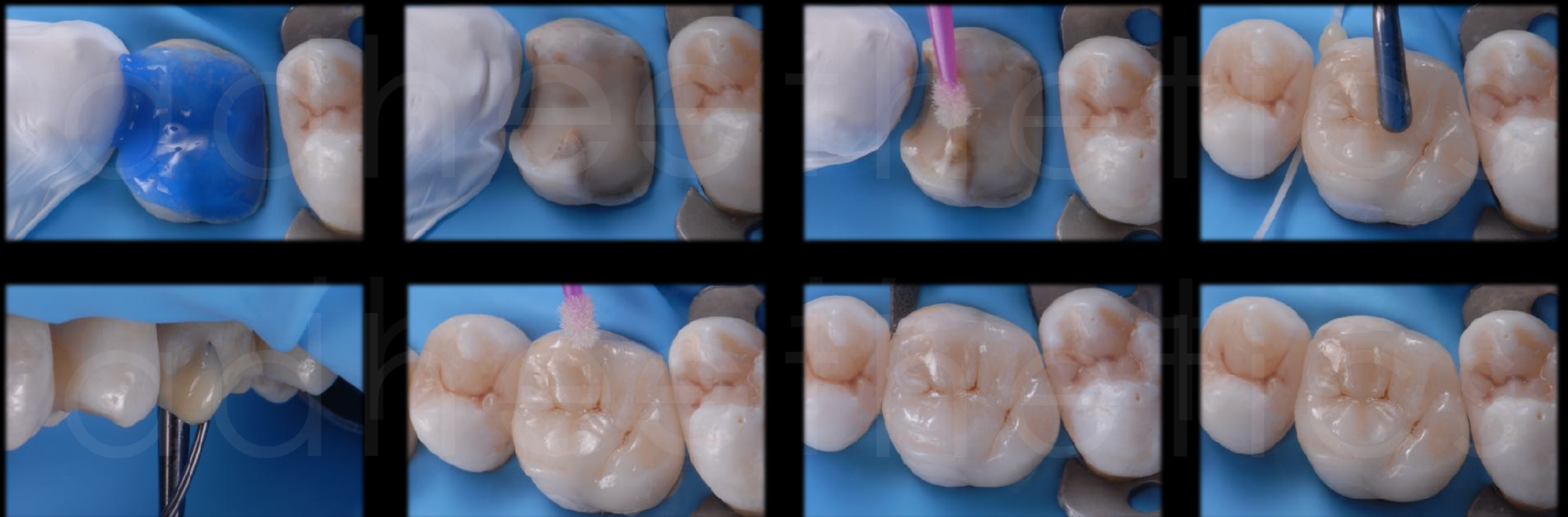
The selection criteria for a direct or indirect restoration, the morphology of cavity preparation and the protocols to be followed to obtain an esthetic and reliable restoration are aspects that the adhesive techniques have changed from the past. With this course we want to make an examination of the protocols for adhesive indirect restorations in posteriors, underlining in particular the criteria that rule the preparation of the cavities and the preservation of dental walls or their coverage.

All aspects of onlays on posterior teeth will be examined from the indication to treatment, the types of preparation and up to the adhesive cementation.

The use of clinical videos and hands on practice on simulator models will be one of the most widely used educational element, preparatory to the restoration work carried out by the attenders themselves.

The ONLAY course will lead you in the Synergic Restorative.

What is Synergic Restorative? It's the match of restorative clinical protocols with extra-clinical protocols, from the management and optimization of the agenda, in example, to the best communication to be adopted with the team and with the patient, to optimize resources, time, and improve the patient perception in treatment plans proposal.



# IJED PIAR PUBLICATIONS

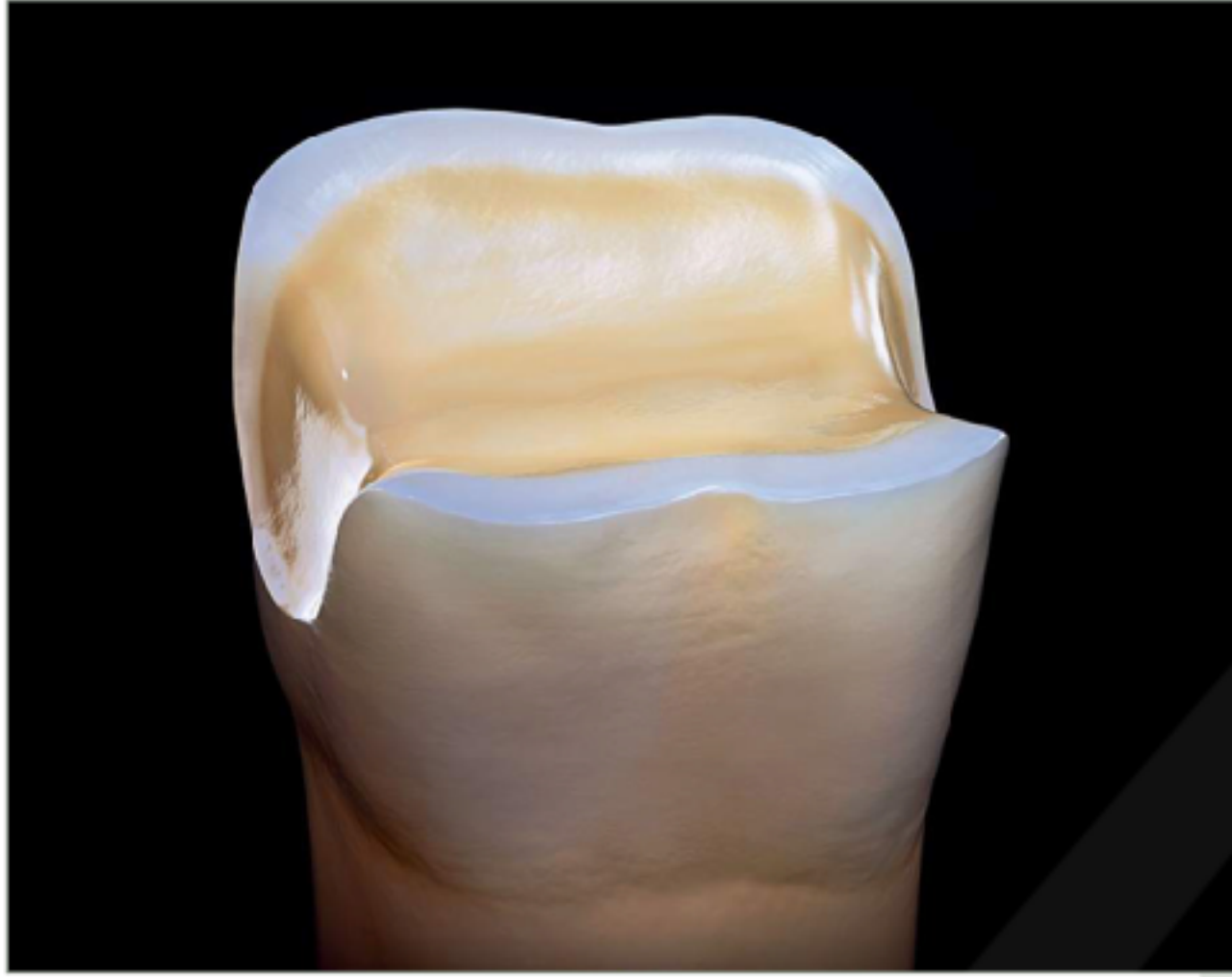
by Federico Ferraris and Adhesthetics Research Group

CLINICAL RESEARCH

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## Posterior indirect adhesive restorations (PIAR): preparation designs and adhesthetics clinical protocol

Federico Ferraris, DDS  
Private Practice, Alessandria, Italy



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482 | THE INTERNATIONAL JOURNAL OF ESTHETIC DENTISTRY  
VOLUME 12 • NUMBER 4 • WINTER 2017

CLINICAL RESEARCH

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## Comparison of posterior indirect adhesive restorations (PIAR) with different preparation designs according to the adhesthetics classification. Part 1: Effects on the fracture resistance

Federico Ferraris, DDS  
Adheshetics Founder, Private Practice, Alessandria, Italy

Eliseo Sanmarco, DDS  
Adheshetics Master, Private Practice, Manduria (TA), Italy

Gabriella Romano, DDS  
Adheshetics Master, Private Practice, Casa'ano (LE), Italy

Sergio Cincera, DDS  
Adheshetics Tutor, Private Practice, Alessandria, Milan, Italy

Marchesi Giulio, DDS, PhD  
Department of Medical Sciences, University of Trieste, Trieste, Italy



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CLINICAL RESEARCH

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## Comparison of posterior indirect adhesive restorations (PIAR) with different preparations designs according to the adhesthetics classification. Part 2: Effects on marginal quality

Federico Ferraris, DDS  
Adheshetics Founder, Private Practice, Alessandria, Italy

Tommaso Mascetti, DDS  
Adheshetics Master, Private Practice, Milan, Italy

Michele Tognini, DDS  
Adheshetics Tutor, Private Practice, Alessandria, Milan, Italy

Marco Testori, DDS  
Adheshetics Member, Private Practice, Milan, Italy

Alberto Colleciani, DDS  
Department of Medical Sciences, University of Trieste, Trieste, Italy

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262 | The International Journal of Esthetic Dentistry | Volume 35 | Number 5 | Autumn 2023

FERRARIS ET AL

Abstract

Posterior indirect adhesive restorations (PIAR) are very common restorations in clinical practice. The indirect approach is often preferred for a more accurate coverage time or more control. With the adhesthetics protocol, the first step is to perform a cavity analysis evaluating the extension of the tooth after restoration. The assessment for each restoration is in accordance with the adhesthetics classification of the preparation design. To ensure the strength of the preparation, the preparation design must be conservative and, if possible, with low-angle preparation. The aim of an adhesive restorative approach is to ensure a conservative preparation with a conservative approach on the tooth crown. Different preparation designs exist for adhesive restorations. The most common is with an adhesive restorative, in order to protect the preparation and to ensure a conservative approach.



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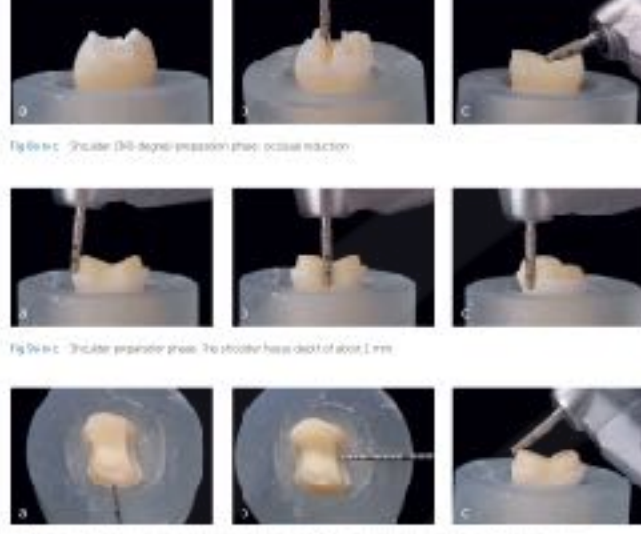
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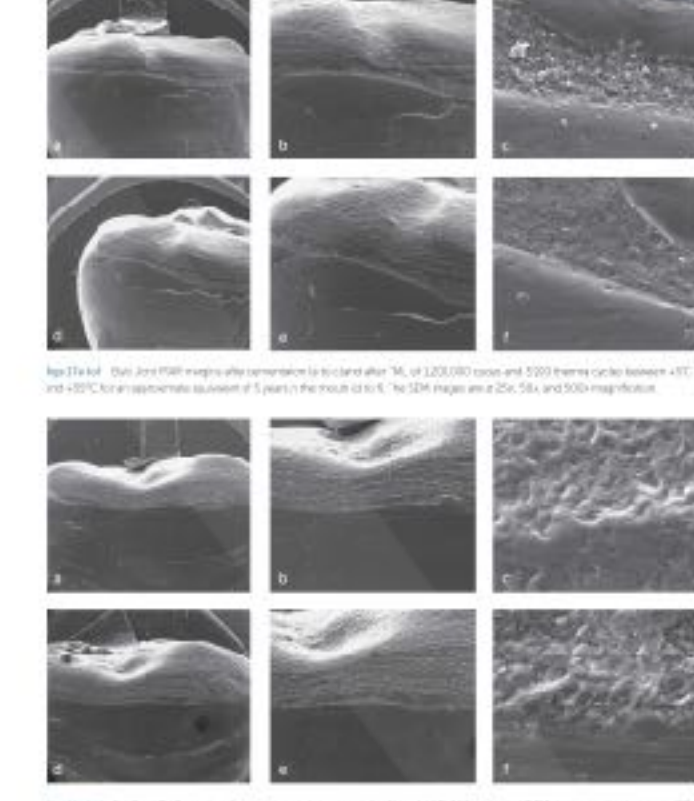


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This is the unique course that allows you to get the **original Adheshetics Protocol** on Posterior indirect adhesive restorations (PIAR) published on the **International Journal of Esthetic Dentistry (IJED)** in 2017 and in 2021.

## THEORY

- cavity diagnosis and analysis of residual dental structures
- selection criteria for the use of direct restorations or onlays in vital teeth
- selection criteria for the use of partial restorations on non vital teeth
- operative protocols of indirect restorations onlays PIAR
- classification and indications of inlays, onlays and overlays
- build up or block out
  - adhesion and reconstruction preparatory to onlays
  - goals and characteristics of the basic reconstruction in composite
  - analysis of possible materials for the basic reconstruction
- analysis of different preparations for onlays
  - conservative aspects in the preparation for indirect restorations
  - different designs of preparations: butt joint, bevel, full bevel, shoulder, ridge up
  - different designs of interproximal transition preparations
  - indications and limits of different preparations
- precision dental impressions for indirect restorations
  - hints about different materials for precision impressions
  - techniques of impression
- operative phases of protocols for the realization of indirect restorations on posteriors
  - operative sequence of different preparations
  - impression materials and taking of precision impression
  - temporary phase
  - try-in of restoration and isolation of field
  - adhesive cementation
  - occlusal check



## HANDS-ON

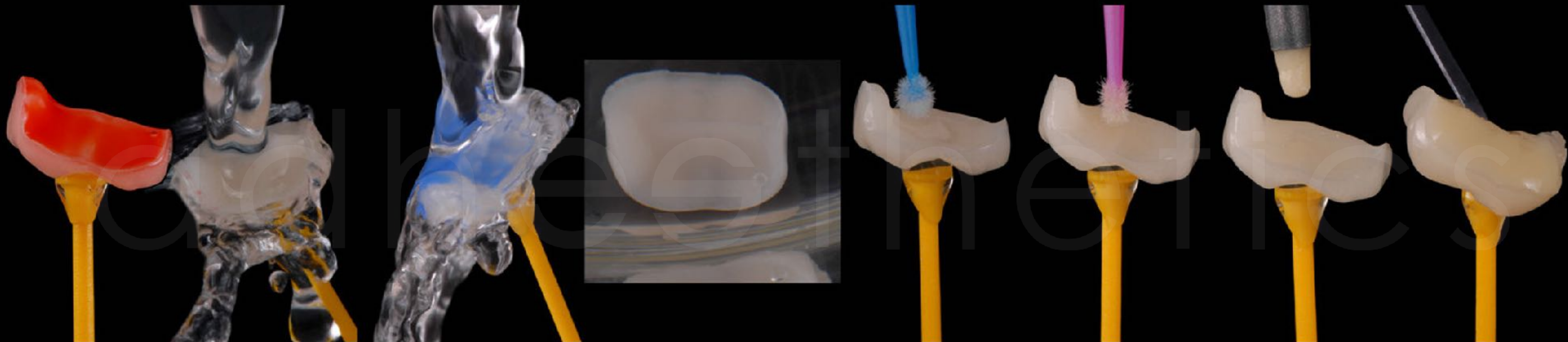
- complete protocols of indirect restorations PIAR with different designs:

### video projection

- preparation for onlay and different types of onlay type restorations:

### video projection and hands-on

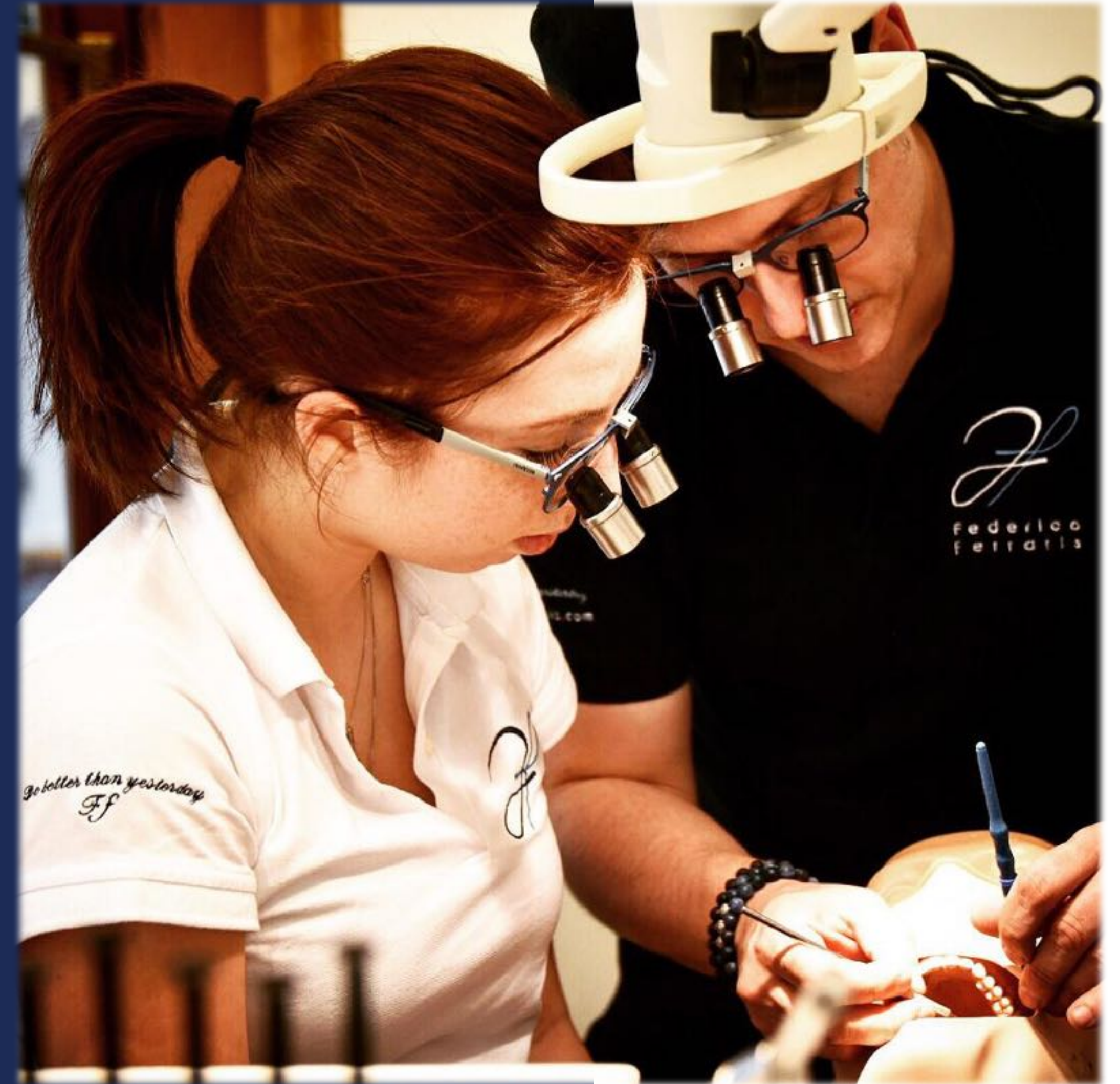
- training on different burs and indication to use them
- first prep and finishing phases
  - butt joint
  - shoulder
  - bevel
  - proximal slot
  - proximal ridge up
- realization of composite onlay: **video projection and hands-on**
  - layering phases, adaptation, finishing and post curing
- cementation of composite onlay: **video projection and hands-on**
  - rubber dam isolation
  - adhesive phases
  - adhesive cementation





## PROVIDED MATERIAL

- bur kit adhesives  
LD 1372 indirect restorations
- enamel dentinal adhesive  
E&R, SE and universal
- enamel dentinal adhesive  
E&R, SE and universal
- different types of composite  
for esthetic restoration
- curing lights
- models for practice with  
removable teeth
- conservative instrument kit  
adhesives Theca



## TIMING

9,00 - 10,45 break 11,15 - 13,00 lunch 14,00 - 15,45 break 16,15 - 18,30

# FIRST BONUS

The participant will receive, included in the course cost, the original **Adhesthetics Indirect Bur Kit** by Komet.

(The value of the kit is € 230 + VAT)



EXTRA BONUS 1

**EARLY BIRD  
REGISTRATION**

registration **within March 25th, 2022**

(save the 20% on the value of the course)

# EXTRA BONUS 2 ONLINE SEMINAR

**FREE online seminar** for registered within **March 25th, 2022**

(the value of the seminar is € 100, the duration is 110 min)

## ONLAY vs CROWN IN POSTERIOR



[www.adhesitiveseduonline.talentlms.com](http://www.adhesitiveseduonline.talentlms.com)

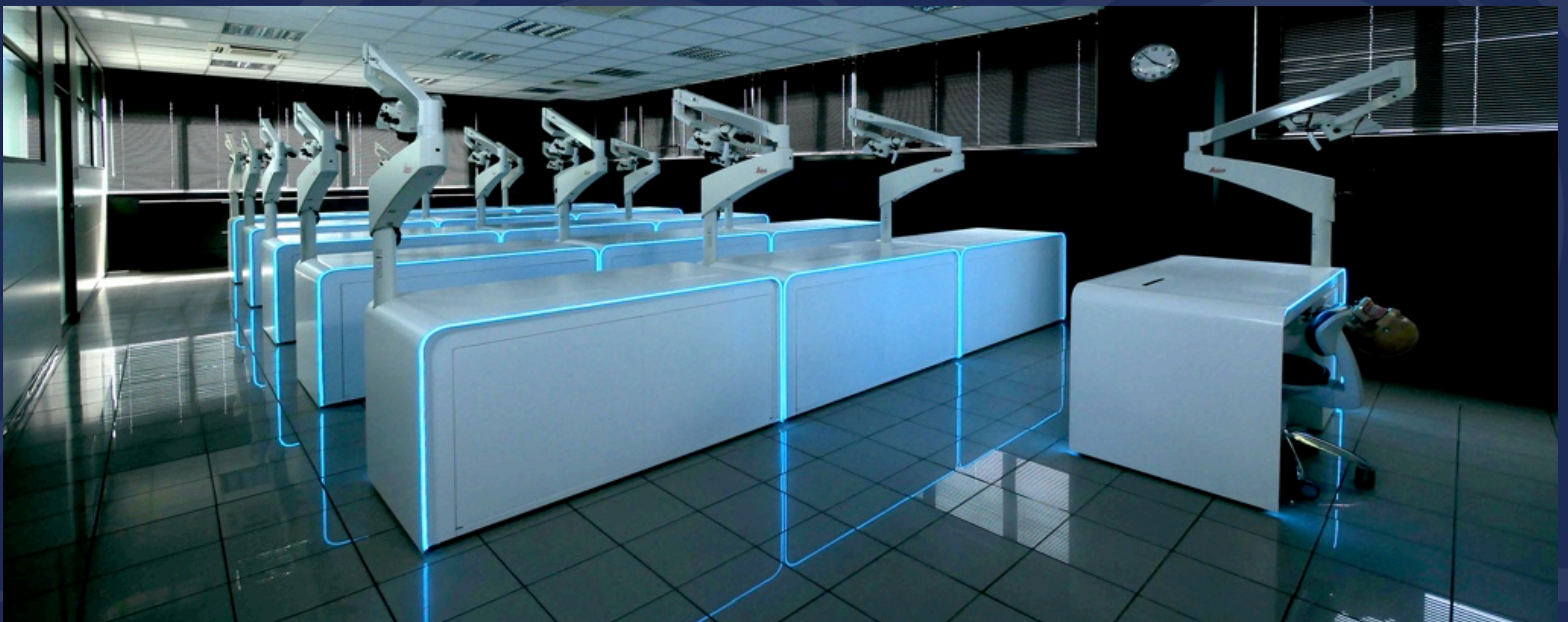
# onlay international module



The **2 Theory Days** are hold in **NH Machiavelli Hotel**, located in the center of Milan, close to many strategic places. The Hotel is a 4 stars charming and ideal for meeting and courses.

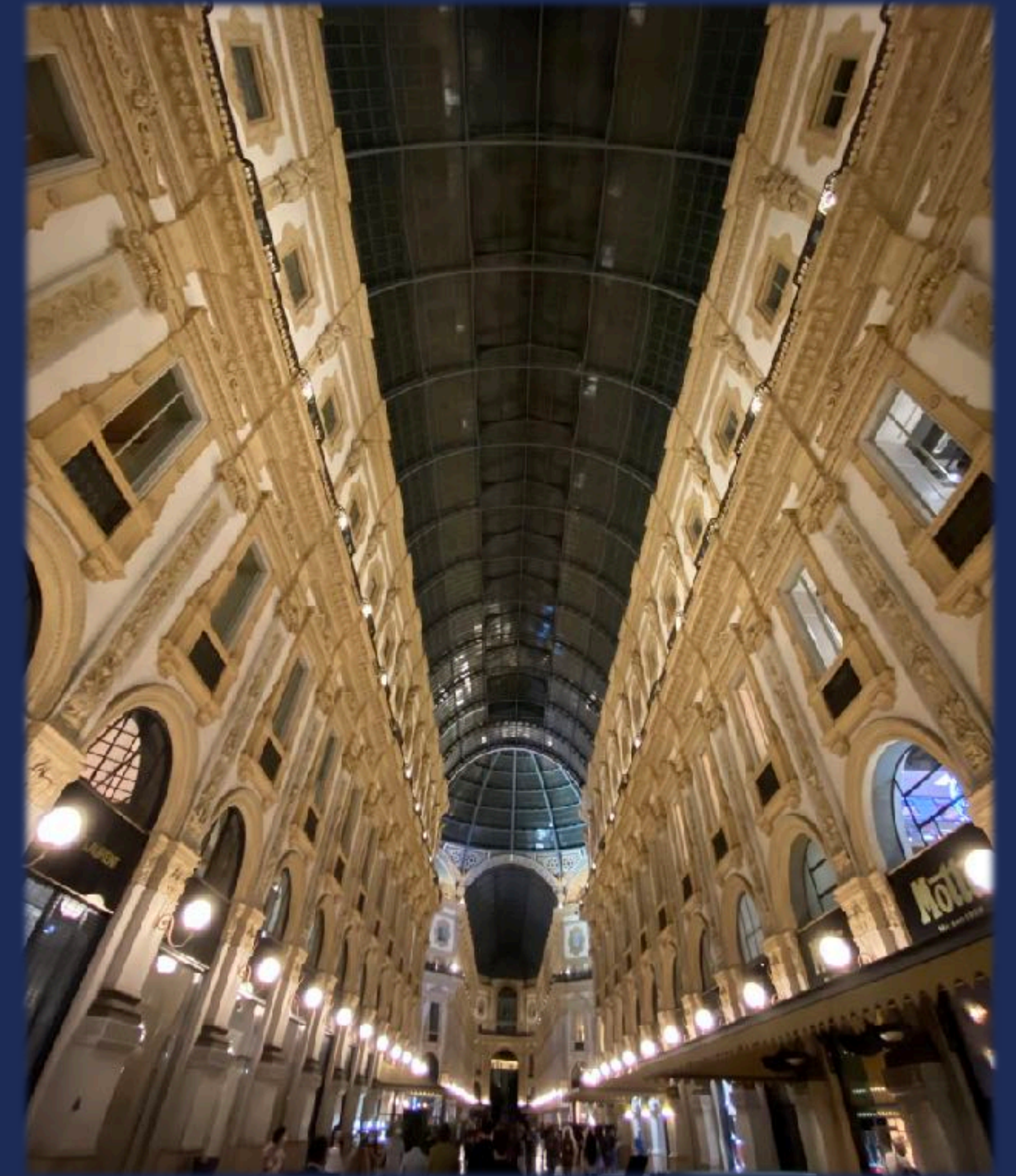
The **2 Practical Days** are hold in the amazing **Mikros Center**, with high technology available for the training with 16 desks, 16 phantom heads and 16 Leica microscopes.

Hotel NH Machiavelli - Via Lazzaretto 5 - 20124 Milan



Mikros srl - Viale Thomas Alva Edison 621 - 20099 Sesto San Giovanni Milan

live the exclusive **adhesthetics experience**  
enjoy the **Milan** magic atmosphere



# only international module

live the exclusive **adhesthetics experience**  
enjoy the **Milan** magic atmosphere



## ABOUT THE COURSE...

*"It has been a complete course both from technical and practical point of view; it helped me a lot to remove the majority of doubts about adhesion and indirect restorations. Sincerely I'd recommend it to my colleagues and if I went back I'd register again!"*

*(Stefania La Rocca, Olgiate Olona - VA, Italy)*

*"Excellent course that lays solid foundations, giving precise indications to apply in the daily practice. I'm satisfied to have gained new concepts and topics to improve my critical issues. A course that allowed me to do an improvement in quality already after the first meeting."*

*(Emanuela Quarta, Carniano - LE, Italy)*

*"Course both for recent graduates and for senior like me. Federico, in addition to be prepared, pushes you to do much more, to be much more demanding with yourself. Result: he enhances you! More than a dentist, Fede is an authentic person and this is maybe his biggest success. I feel very lucky to have had the possibility to interact with him. Great person!"*

*(Thomas Tempesti, Formigine - MO, Italy)*

*"A Genius of esthetics, self-deprecating, beauty admirer, motivator! A masterpiece of a man."*

*(Chiara Martinotti, Casale M.to - AL, Italy)*





early registration **within March 25th, 2022**

**ONLYAY INTERNATIONAL MODULE**

+ **FIRST BONUS:** Adhesthetics Indirect Bur Kit

+ **EXTRA BONUS 1:** early bird registration

+ **EXTRA BONUS 2:** FREE online seminar:

**ONLYAY vs CROWN IN POSTERIOURS**

value € ~~3.530~~ **€ 2.750**  
(+ VAT) (+ VAT)

standard registration **after March 25th, 2022**

**ONLYAY INTERNATIONAL MODULE**

+ **FIRST BONUS:** Adhesthetics Indirect Bur Kit

value € ~~3.430~~ **€ 3.200**  
(+ VAT) (+ VAT)

# LOCATIONS



Mikros srl - Viale Thomas Alva Edison 621  
20099 Sesto San Giovanni Milan

Hotel NH Machiavelli - Via Lazzaretto 5  
20124 Milan

## INFO

**The official language of the course is English**

To receive info about costs, promotions and to proceed with registrations please write an e-mail to:

Smartover Srl: [info@smartover.com](mailto:info@smartover.com)

tel: +39 0131 231642 - mobile: +39 348 3498262

Federico Ferraris Educational:

[info@federicoferraris.com](mailto:info@federicoferraris.com)

[www.adhesthetics.com](http://www.adhesthetics.com) - [www.federicoferraris.com](http://www.federicoferraris.com)

- value of **ADHETHETICS ONLAY INTERNATIONAL MODULE**
- € 2.750 (+ VAT) early bird registration + EXTRA BONUS 2 **FREE** online seminar: **ONLAY vs CROWN IN POSTERIORES** within **March 25th, 2022**
  - € 3.200 (+ VAT) standard registration **after March 25th, 2022**

Full video recording of the course is prohibited, photographs are allowed