



NATURAL LAYERING

Direct Composite Master Course

Prof. Felipe Villa Verde



Who is Dr. Felipe Villa Verde?

Is a Specialist and Master in Restorative Dentistry, with an emphasis on direct composite resin restorations and ceramic veneers.

He has 20 years of clinical experience in Oral Rehabilitation and Aesthetic Dentistry. Fifteen of these years have been dedicated to specialized teaching, with over 240 classes and 5,000 students worldwide.

He has always shared a minimally invasive, predictable philosophy that delivers extraordinary results.





"Inspired by the Nature,
Supported by the Science,
Done by your Hands"

What is this course about?

This course is about a predictable restorative technique, that was developed by Dr. Felipe Villa Verde during his carrier that enable clinicians to do direct composite restorations by and incredible and controllable way.

The aim of this complete training is to enhance the clinical skills to achieve the highest standard when reshaping smiles and building veneers.

Trough the years not only the restorative technique was developed, but the teaching approach. It means that the students will receive a huge amount and organized information in a short time trough a very well defined philosophy that can be applied immediately.



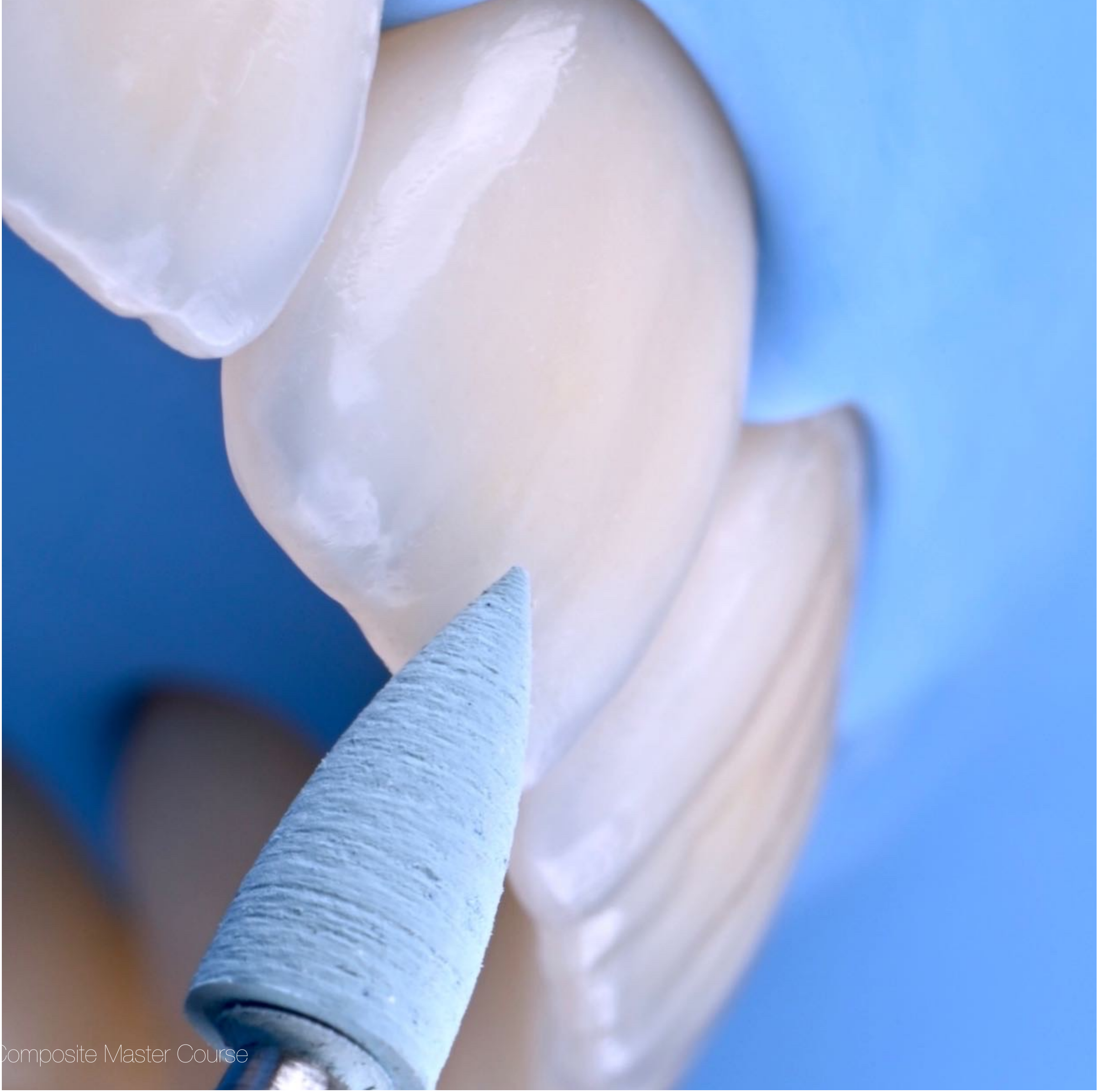
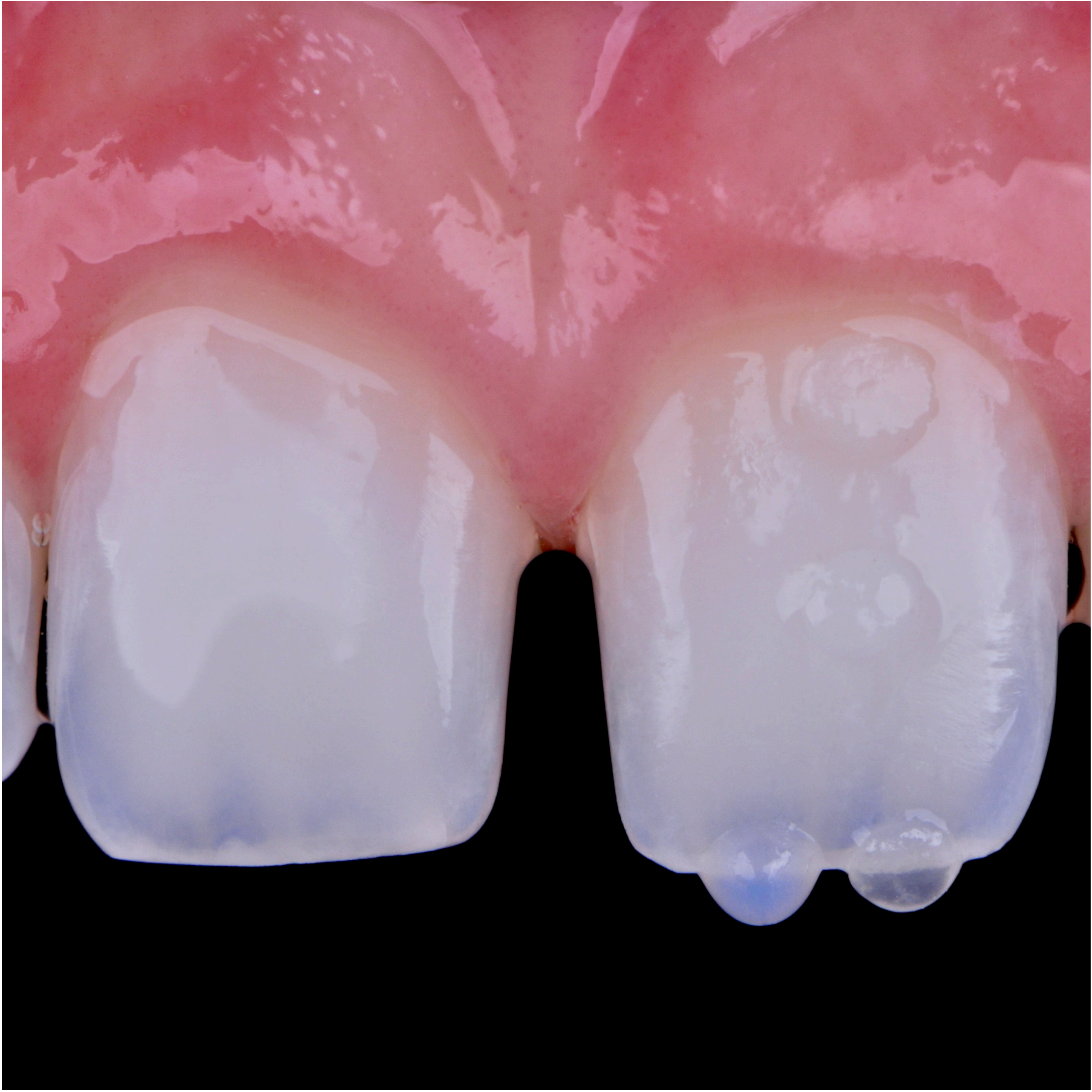
Course Schedule

1st day

- 8:30 - 12:30 pm
 - Complete **Theoretical Class**
 - Color Mapping for anteriors
 - It's planning time: making guides for the hands-on
- 12:30 - 1:30 pm (Lunch brake)
- 1:30 - 3:30 pm **[Hands-on]**
 - Starting to restore 4 upper teeth in sequence
 - The palatal shell. Absolutely everything about the first step
- 3:30 - 4:00 pm (Coffee brake)
- 4:00 - 6:00 pm **[Hands-on]**
 - Inter-proximal enamel. Let's begin to restore the real shape
 - All content about second step is gonna be made now

2nd day

- 8:30 - 12:30 am **[Hands-on]**
 - Building and sculpting Dentin as a third step
 - Design shape to the internal structure
 - Incisal effects. bringing aesthetic naturalness to the smile
 - In this fourth step we will make the internal make-up
- 12:30 - 1:30 pm (Lunch brake)
- 1:30 pm - 3:30 pm **[Hands-on]**
 - The final layer. Enamel as fifth step to finish the direct composite restoration
 - How to make the best surface design and perfect connections between layers
- 3:30 - 4:00 pm (Coffee brake)
- 4:00 - 6:00 pm **[Hands-on]**
 - Let's finish and polish the restorations
 - The sixth and last step is made to bring the natural appearance through the best finishing approach





The hands-on activities

This is the shape of the course model that will be simulated in the hands-on class.

The attendees will restore four anterior teeth associated to diastemas, reshaping incisal and inter-proximal areas

We will build direct veneers following the “Natural Layering Technique” purposed by Dr. Felipe Villa Verde while developing restorative skills, controlling shape and anatomy to achieve high-quality levels when reshaping smiles



Complete Theoretical Content

- The principles that define the Restorative Technique
- What is Natural Layering?
- The "histo-anatomical" approach and layer control
- Understanding the interaction of light on Natural Teeth and related structures:
- Surface / Enamel / Dentin / Thickness
- Understanding Shade in restorative dentistry:
 - Hue / Chroma / Value / Opacity / Translucency
- Restorative Materials and Their Functions:
- How to select the appropriate Restorative System
- Understanding different optical aspects of Composite Materials
- Dentin, Enamel, Effects, Opaquer and Stains
- "Shape and Shade" Restorative Planning
- How to manage the substrate and procedures prior to the restoration
 - Orthodontics / Bleaching / Periodontics
- Should the substrate be blocked or be part of the final result?
 - How to integrate tooth and resin for a natural-looking final smile
- Types of substrates and different approaches according to restorative philosophy
- How to plan the construction when doing guided restorations
- Tools for an efficient planning:
 - Photography/scanning/digital planning
- Diagnostic wax-up: how to use it properly when restoring large areas and multiple teeth
- Making the restorative guides and checking available restorative space
- Shade and layer selection: what I need to know and how to perform it efficiently
- Shade map and shade selection in practice
- Indispensable items for an excellent direct restoration
- Rubber Dam isolation for a perfect and controlled restorative environment
- The Natural Layering restorative technique put into practice
- Restorative sequence and controllable factors for a clean and predictable construction
- Building the palatal shell: how to create a controlled and favorable layer for the following steps
- How to build interproximal areas efficiently to achieve shape, contour, and emergence profile
 - Reproducing dentin: how we control shape, volume, and design for a natural final result
- Natural incisal effects: it's time to use translucent effects and pigments
- Final enamel: how we create a final enamel with perfect and controlled results
- Finishing: how to finish restorations efficiently, free of overcontours and cervical excess
- Form adjustments: refining the shape to integrate shape and color under the incidence of light
- Surface control: how to achieve a perfect surface compatible with your patient's age
- Final polishing: how to select the appropriate materials for each stage and control the final gloss
- Maintenance and protection of composite resin restorations



The Technique Workflow

A clear and objective work philosophy with well-defined protocols is essential for developing quality restoration work. We have developed a logical sequence to make the layering technique process much more predictable. With a teaching method extensively replicated and tested by Dr. Felipe Villa Verde over the years, the course allows everyone to follow the practical activities with ease, developing the skills necessary to achieve excellent clinical results.

