



DANIELE RONDONI
COMMUNITY COLLEGE

“Natural White” composite laminates

Seminar in TALLINN, september 2019

Lecturer: Daniele Rondoni
1 day Master Course

Evolution of clinical needs as well as the ever growing aesthetic requests by patients strongly influence the development of techniques that aim at finding metal-free solutions while using materials to ensure excellent mimicry result to perfectly replicate the natural tooth.

The development of in-clinic “Bleaching” techniques and the patients’ higher awareness are leading aesthetic dentistry towards solutions featuring **low chromaticity and high enamel value** with low density dentine.

Such solutions are achieved by carefully considering the patient’s age and promoting a healthy, natural looking smile.

Key words: Composite— Laminates — Masking

The availability of innovative materials which support this «**Natural White**» approach is then paramount for today’s practitioner .

Such materials will have to feature excellent optical behaviour and low density for the layering phases while **special white intensive is needed for «masking» decolored and dark natural abutment**.

A modern technical approach to work will have to be defined, but most of all a modern marketing-oriented communication aiming at sponsoring our new generation prosthetic products.

This state-of-the-art approach will also take into account the systems which may **implement the digital pre-visualisation of our project** and the faithful replication of such model as faithful as possible to our initial blueprint, which will help us properly select the best material to use and most adequate operative strategies.

For an effective final result the ideal aesthetic restoration election is fundamental as well as an up-to-date and **accurate treatment technique of the substrate**.

Our aim is to:

-Perform «Natural White» anterior composite laminates

You will learn to:

-Select the colour

-Layer project

-Treat the substrate

- Perform low chromaticity and high value mass layering
- Perform «Natural White» tooth surface finishing
- Learn how to manage communication and marketing for innovative solutions

Programme

Theoretical part

- Natural tooth «White» optical behaviour
- Pre-visualization and design
- Clinical strategies and needs
- Composite types classification
- Digital workflow and Bio-design
- Color assessment for «Natural White» solutions
- Mass selection for ideal “masking”
- Low chromaticity layering
- Clinical evidence

Practical part

- Chromatic design
- Composite surface treatment “Masking”
- Dentinal design
- Opalescence effect
- Internal Live Stains composite
- Enamel layering
- Morphology and symmetric control
- Micro & Macro texture
- Mechanical finishing & polishing
- Individual and group analysis
- Final revision

The models and frameworks needed for the course will be given to the participants.

Participants are requested to bring their own tools and finishing equipment.