



M I P P

FRADEANI MASTERCLASS

MAURO FRADEANI

Fradeani Masterclass- MIPP

By Dr. Mauro Fradeani and Dr. Leonardo Bacherini



SUMMARY



Topic:

Learn how to treat highly compromised cases by adopting a minimally invasive prosthetic approach based on 35 years of researches and innovations.



Objectives:

- Aesthetic parameters: facial, dento-labial, phonetic, dental and gingival analysis
- Functional analysis: Centric Relation, Max Intercuspidation and VDO
- GetAPP digital planning and other tools such as face scanners
- How and when to prepare a tooth on which will be applied a veneer
- The differences between V-Veneers, Full-Veneers and Buccal-Veneers
- The digital and the traditional impression technique
- MIPP classification: 0, 1, 2, 2A, 2B, 3
- How to prepare a veneer
- How to choose the proper material for every restoration



About the author:

Dr. Mauro Fradeani is a worldwide recognised expert in periodontal and implant prosthetics. He's the founder and the director of the Mauro Fradeani Education center, a learning project that promotes the Italian model of dentistry all around the world.

Dr. Leonardo Bacherini mainly deals with the aesthetic aspect of implantology and prosthetics. He gives lectures at national and international conferences and is author of articles in international scientific journals.

LEVELS

Difficulty ●●●●
Theory ●●
Practice ●●●●●

KEY INFO



English



On Demand



Prosthodontics - Esthetic dentis



10 hours



15 theoretical lectures

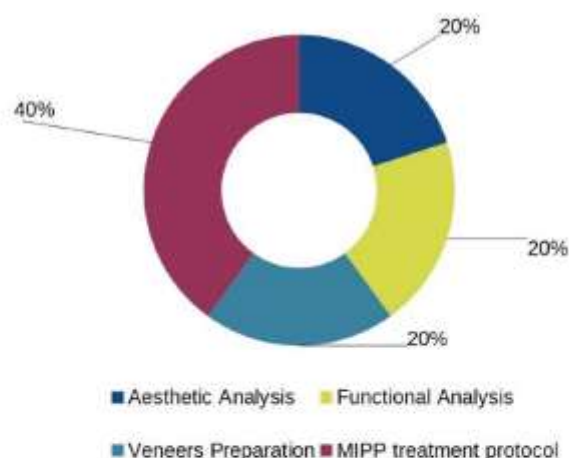


Clinical Yes



NO

SKILLS YOU WILL LEARN





This Masterclass includes:

- 15 theoretical lectures with clinical videos
- An exclusive LIVE Case Discussion with Dr. Mauro Fradeani
- A certificate of completion

By attending this Masterclass you will learn more about:

- Aesthetic parameters: facial, dento-labial, phonetic, dental and gingival
- Functional analysis: Centric Relation, Max Intercuspidation and VDO
- How and when to prepare a tooth and how to prepare a veneer
- The differences between V-Veneers, Full-Veneers and Buccal-Veneers
- The digital vs traditional impression technique
- MIPP classification: 0, 1, 2, 2A, 2B, 3
- The importance of a multidisciplinary approach
- Follow-Up after many years

At the end of the Masterclass you will be able to:

- Digitally plan a proper aesthetic and functional treatment with GetAPP digital planning and other tools such as face scanners
- Minimize the prosthetic treatment invasiveness
- Modify the patient's VDO
- Perform predictable, stable and durable prosthetic rehabilitations
- Define the tooth volume that you want to reach and reduce ceramic thickness by using the proper adhesive procedures
- Choose bonding materials correctly

Who is the Masterclass for:

This video course is recommended to prosthetists at all levels of experience who want to know more about the treatment of clinical cases of different degrees of complexity.



Video Lectures:

Video Lecture 1 - Introduction and classification according to MIPP concept

In this first video lecture, Dr. Bacherini will introduce the philosophy and the rationale behind the MIPP approach, by showing participants this technique's theoretical background, goals and functionalities.

MIPP is applicable to all prosthetic cases, regardless of their complexity level.

In particular, in this lecture the following topics will be treated:

- Aesthetical and functional cases
- Active and passive wear phases
- The patient's masticatory system imbalances
- Tooth wear causes: Bruxism and problematic jaw relationship
- What drives the clinician to change the occlusion
- The MIPP classification: 0, 1, 2, 3

Video Lecture 2 – Aesthetic analysis: facial analysis in prosthetic rehabilitation

Facial general analysis represents the first step of every aesthetic analysis: Dr. Fradeani will show its importance in order to reach a perfect aesthetic rehabilitation.

Participants will receive the tools and the input necessary to perform this preliminary examination in the proper way, so that the best possible treatment can be planned for each specific case.

In particular, in this lecture the following topics will be treated:

- Patient's face horizontal disharmonies evaluation
- Frontal and lateral facial analysis
- The Natural Head Position concept
- Evaluating the occlusal plane inclination according to the patient's anatomical references
- The relevance of phonetic tests in order to spot mismatches in the labial area

Video Lecture 3 – Esthetic analysis: dento-labial analysis in prosthetic rehabilitation

Dento-labial analysis, that is a part of the more general facial analysis, will be discussed in a systematic way by Dr. Fradeani.

Participants will be able to appreciate how the ideal resting tooth exposure and the correct smile line come from a good preliminary dento-labial analysis.

In particular, in this lecture the following topics will be treated:

- The parallelism between the occlusal plane and the horizon of the patient's face
- Patient's horizontal reference lines identification
- How to achieve a better harmony between eyes, lips and incisal plane

- Predetermining the correct incisal crest position in patients with problematic resting tooth exposures
- Cases where a Mock-Up is not possible
- Planning future incisal crest position in edentulous patients

Video Lecture 4 – Functional analysis according to MIPP concept

Dr. Bacherini will present an in-depth overview about the key points of functional analysis with a specific focus on different types of wear.

The analysis of joints, muscles, teeth and occlusions will be discussed in detail in order to optimize the prosthetic treatment's functionality and strength.

In particular, in this lecture the following topics will be treated:

- How to reason to understand the etiology of the various problems that might occur
- The incisal ridge position optimization
- How to minimize the treatment's invasiveness
- Stable and active wear
- Differences between physiological and pathological wear
- How to analyze patient's masticatory function to prevent and/or treat a wear
- Post-treatment oral rehabilitation protocol

Video Lecture 5 – Occlusion vertical size according to MIPP concept

The vertical dimension of the occlusion is one of the fundamental parameters to plan the treatment that, if correctly managed allows to reduce the prosthetic operation's invasiveness, thus providing several benefits for the clinician.

It will be seen that there are no contraindications to increasing VDO as patients have a great capacity for muscular and phonetic readjustment in a very short time after the treatment.

In particular, in this lecture the following topics will be treated:

- How to measure VDO?
- Why is the resting occlusal position no longer considered a reliable parameter for planning an intervention on the VDO?
- Preliminary questions behind the VDO alteration
- When to increase, decrease or preserve the VDO
- Phonetic and muscular post-treatment readjustment

Video Lecture 6 – The Centric Relation according to MIPP concept

Centric Relation (CR) is another important occlusal parameter because the goal of every prosthetic treatment in which the VDO is modified is to put patient's jaw in a centric relation.

It will be shown the rationale behind this parameter and different treatment options, such as Dawson operation, Leaf Gauge and Lucia Jig, will be also discussed.

In particular, in this lecture the following topics will be treated:

- Centric Relation definition
- What are the cases in which avoiding Centric Relation
- Discrepancy between Max Intercuspidation and CR consequences
- What are the methods to register the patient in CR
- What makes centric jaw positioning difficult?
- Different methods to position the jaw

Video Lecture 7 – MIPP 0: clinical cases and No-prep veneers procedures

In this video lecture Dr. Bacherini will show participants a clinical case treated by adopting a No-Prep procedure (MIPP 0).

This presentation will focus on each step of this treatment that is difficult to manage both for clinicians and technicians due to veneers' thinness.

In particular, in this lecture the following topics will be treated:

- Factors to be considered while deciding if a No-Prep treatment should be performed
- How to take a correct impression
- Cementation and margin wax-up
- The rationale behind the planning of the proper tooth volume
- Comparison between No-Prep and Moderate-Prep approach

Video Lecture 8 – Clinical case – MIPP 1: Conventional Buccal-Veneers procedures

MIPP 1 cases don't contemplate VDO alteration but, unlike MIPP 0, a Moderate-Preparation is performed. Dr. Bacherini will provide indications, contraindications, advices on preparation steps and choice of materials to participants. Finally, a clinical case with a restoration on anterior teeth using Buccal-Veneers will be presented.

In particular, in this lecture the following topics will be treated:

- A restorative treatment with traditional veneers
- Advices on how to preserve the enamel and the tooth structure
- Indications and contraindications

- A preliminary step: Butt Joint and Palatal Chamfer
- Interproximal preparation
- The rationale behind diastema's coverage

Video Lecture 9 – Clinical case – MIPP 3: Occlusal parameters alteration

In this clinical case, as it is a MIPP 3 class, the occlusion will be modified by increasing the VDO and by putting the patient in a Centric Relation condition.

From the preliminary stages of facial analysis, both aesthetical and functional, to the preparation of temporaries, Dr. Bacherini will guide participants step-by-step, also showing a wide range of possible issues.

In particular, in this lecture the following topics will be treated:

- Dento-labial analysis and different types of wear's diagnosis
- How to plan the ideal VDO position
- GetAPP: the tool for VDO's set-up
- Upper front teeth Mock-Up for the preliminary aesthetic test
- Temporary preparation
- Unsatisfactory temporary's limits
- The Indirect Modified Technique (IMT)

Video Lecture 10 – Clinical case – MIPP 3 (part 1 of 3) – Treatment planning and data collection

Dr. Bacherini will present a MIPP 3 clinical case that will lead participants in the next three lectures: a young patient is affected by a severe front teeth wear and wants to improve relational smile aesthetics.

In this first part, preliminary phases will be analyzed and data to formulate a treatment plan will be collected.

In particular, in this lecture the following topics will be treated:

- Facial and dento-labial analysis
- Functional and aesthetical patient's issues
- Treatment's digital planning with GetAPP and FaceHunter
- How to collect and process data
- Digital wax-up
- How to moderately prepare the buccal surface
- Mock-Up aesthetical and functional test
- Fabrication of definitive posterior teeth

Video Lecture 11 – Clinical case – MIPP 3 (part 2 of 3) – Dental impression and provisional management

The previous MIPP 3 clinical case continues and in this video lecture the focus will be on impression taking. In the first part, the general theoretical and practical principles, the rationale behind the choice of materials and removal techniques will be explained. In the second part, Dr. Bacherini will demonstrate with a clinical video the taking of the impression and the delivery of the temporary veneers to the patient.

In particular, in this lecture the following topics will be treated:

- Tissue management for a proper impression
- Different impression material sliding and viscosity
- The proper impression removal
- How to apply Ultrapak cords in the ruts to obtain tissue displacement
- Timing of cords placement and removal
- Application of temporary veneers

Video Lecture 12 – Clinical case – MIPP 3 (part 3 of 3) – Finalisation, restorations construction and cementation

The third and last part of the previous presented MIPP 3 clinical case will focus on the cementation and finalization phases of the treatment.

At the beginning of the lecture it will be shown how to prepare V-Veneers, explaining also this minimally invasive prosthetic treatment benefits. Then, speaker will proceed with a step-by-step description of the cementing protocol and finalization steps.

In particular, in this lecture the following topics will be treated:

- Differences between Full-Veneers and V-Veneers
- Bonding force affecting factors
- Prosthetic and dental substrate treatment
- How to prevent dentine degradation
- Adhesive material selection process
- Cementation protocol
- Finalization steps

Video Lecture 13 – MIPP 2: The new concept behind Full-Veneers to optimize aesthetics and functionality

Dr. Fradeani will show a very complex clinical case treated with a MIPP 2 protocol. The treatment's goal is to recreate an ideal overjet-overbite relationship by moving the upper jaw lower and forward.

The case will be managed with a multidisciplinary approach (orthodontic, orthognathic, implant and prosthetic) to get a perfect outcome both at aesthetic and functional level.

In particular, in this lecture the following topics will be treated:

- The orthodontic treatment to create the necessary space that will receive the future implant
- The orthognathic treatment to facilitate the shifting of the upper jaw
- The orthodontic finishing treatment to improve the overjet-overbite relationship
- Implant placement and simultaneous clinical crown lengthening
- Selective grinding
- Prosthetic finalization

Video Lecture 14 – MIPP 2B: Clinical case of Full-Veneers in openbite with preserved enamel tooth structure

A young patient, already undergone orthodontic and orthognathic treatment, asks Dr. Fradeani for an aesthetic improvement of the relational smile paying specific attention to the edentulous area of the right upper lateral incisor, which also presents a lack of vestibular volume and a severe mucogingival recession.

In particular, in this lecture the following topics will be treated:

- Treatment management and the following implant placement
- Prosthesis positioning on abutments to conditionate the adjacent tissues
- Full-Veneers preparation
- Right upper lateral incisor close-up
- The occlusal appearance improvement from an aesthetic and functional point of view

Video Lecture 15 – MIPP 2: MIPP 2A and MIPP 2B combined technique

In this last clinical case, a patient presents a non-existent resting exposure and a discrepancy between Centric Relation and Max Intercuspidation.

Dr. Fradeani will show how to cause an occlusal adjustment in CR to ensure long-term occlusal stability by performing Full-Veneers restorations.

In particular, in this lecture the following topics will be treated:

- Differences between MIPP 2A and MIPP 2B
- Ensuring static and dynamic occlusion with a view to longevity and stability
- Veneers elongation in the central area
- Mock-Up preparation



Scan the code and
enter the course



Who you will learn from?

Dr. Mauro Fradeani is a worldwide Periodontal and Implant Prosthesis expert. He promotes, with Dr. Leonardo Bacherini, a learning project that aims to export worldwide the Italian model of dentistry.

