

Course Venue:

Studio Cacciafesta
Viale Papiniano, 44, 20123 Milano



Price: 999 euro
(excl. VAT and accomodation)

Recommended Hotel:
Mercure Milano Solari
Via Pietro Orseolo 1, 20144 Milan

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Grand Ortho Sp. z o.o.

ul. Annopol 24 | 03-236 Warszawa

tel.: 22 675 24 94

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www.grandortho.pl



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3-4 JUNE 2022, MILAN, ITALY



BIOMECHANIC COURSE
ON SELF-LIGATING BRACKETS AND TADs

Dr. Vittorio Cacciafesta

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AIMS OF THE COURSE

Delegates who attend this orthodontic course will be given the tools, techniques and confidence to immediately treat moderate to difficult cases in their own practices. You will learn about the fundamental bases of multibracket orthodontics and understand the importance of biomechanics in the various treatment phases with and without TADs.

You will learn about the clinical principles and limitations of different orthodontic appliances and self-ligating bracket systems and anchorage reinforcement with TADs.

You will understand the actual archwire sequences in the different malocclusions, providing therapeutical concepts and clinical tips for each clinical situation, especially in the management of anchorage control and extraction cases. You will see how orthodontics has changed its mechanics since the introduction of cortical anchorage and TADs. You will learn and try onto typodonts where it is safe to insert miniscrews and how to fabricate the anchorage for various clinical situations (videos and hands-on). Several exercises will be conducted onto typodonts.

You will learn the importance of a careful diagnosis and how to screen your patients to select those cases suitable for self-ligating multibracket therapy with or without mini-implants, with or without extractions, with or without orthognathic surgery. The course will include typodont exercises to support the theoretical lectures. There will also be opportunities to bring along your own cases for discussion.

INTRODUCTION

- Simple versus Difficult clinical situations with Self-Ligating Brackets
- The role of Diagnosis and Biomechanics
- Passive vs Active Self-Ligating brackets: the usual dilemma?
- The Biostarter, BioCosmetic, BioTorque and Betaflex archwires.
- Archwire sequence and modifications.
- The new generation BioQuick LP and QuickClear, and totally esthetic ceramic SL brackets (TrueKlear).
- The 2D Lingual Brackets: rationale and clinical advantages

TREATMENT MECHANICS

- Initial alignment and levelling: what to do and what to avoid.
- Single or double archwire mechanics? (hands-on)
- The use of Loops
- Push coils, Labio-lingual mechanics, lazo mechanics and rotatory mechanics (hands-on)
- V bends, Step bends and artistic bends (hands-on)
- The use of cantilevers (hands-on)
- Managing vertical problems – deep and open bites (hands-on)
- Managing transverse problems – expansion and contraction of archwires

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- V bends, Step bends and artistic bends (hands-on)
- The use of cantilevers (hands-on)
- Managing vertical problems – deep and open bites (hands-on)
- Managing transverse problems – expansion and contraction of archwires (hands-on)
- Managing sagittal problems – Class II and III malocclusions (hands-on)
- Managing non-extraction cases (hands-on)
- Managing extraction cases (hands-on)
- Managing difficult cases – impacted teeth, transpositions, molar mesialization (hands-on)
- Finishing and Torque control: what we should know. (hands-on)
- Management of gingival recessions with Lingual Root Torque (hands-on)
- Management of gingival recessions with muco-gingival grafts
- The role of elastics in the finishing
- Correction of the Smile arc (hands-on)
- Correction of the cant of the anterior occlusal plane (hands-on)
- Esthetic features in improving the smile: Virtual Smile Design

TREATMENT WITH THE HELP OF ORTHO EASY MINI IMPLANTS:

- Rationale and use
- Insertion sites, safe zones, and clinical protocols (videos)
- Ortho Easy mini implants in various clinical situations: how to reinforce the anchorage

LIST OF MATERIALS AND INSTRUMENTS THE PARTICIPANT SHOULD BRING ON THE COURSE:

- College tweezers, probe, mirror, bonding gauge
- Weingarth 501-0845
- De La Rosa small plier 501-0822
- Distal end cutter 501-0806
- Ligature cutter 501-0801
- Ligature director
- Tucker 501-0855
- two Tweed pliers 501-0839
- Mosquito pliers 501-0830
- Special Explorer 501-0843
- Lingual gauge 501-0863
- Ni-Ti small 3 beak plier 501-0707
- Jarabak plier 501-0810
- Concave plier 501-0502
- Hammerhead plier 501-0874
- Detailing pliers right and left 501-0710 and 501-0711
- Permanent marker small

He received his dental training at the University of Naples "Federico II", Italy. From July 1995 until August 1996 he was Research Fellow at the Department of Orthodontics, Humboldt-University of Berlin, Germany. From September 1996 until August 1999 he was Orthodontic Resident at the Department of Orthodontics, Royal Dental College, Aarhus University, Denmark, where he received the Specialty and Master of Science in Orthodontics. He is "Dottore di Ricerca" (Research Doctorate) in Biotechnology of Dental Materials. From 1999 to 2009 he was Assistant Clinical Professor at the Department of Orthodontics, University of Pavia, Italy. From 1999 until 2002 he was Visiting Professor at the Department of Orthodontics, Aarhus University, Denmark, and Visiting Professor at Temple University, Philadelphia, USA.



AGENDA

3rd June 2022 (Friday)

9.00 -17.00 Course

4th June 2022 (Saturday)

9.00 -17.00 Course

