Course Director: Dr. Vittorio Cacciafesta & Dr. Paolo Casentini – Milan, Italy

Aims of the course
Delegates who attend this orthodontic course will be given the tools, techniques and confidence to immediately treat 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.

You will learn about the clinical principles and limitations of different orthodontic appliances and self-ligating bracket systems. You will learn the importance of interdisciplinary treatments, a careful diagnosis and how to screen your patients to select those cases suitable for conventional or self-ligating multibracket therapy with or without mini-implants, with or without extractions, with or without orthognathic surgery.

You will learn how to deal with General Dentists on the space management for implants, the requirements for implants, the need for bone augmentation procedures, mucogingival surgery, and how to optimize the results of an orthodontic treatment with Veneers.
Course Outline

**Introduction**
- Simple versus Difficult clinical situations with Self-Ligating Brackets
- The role of Diagnosis and Biomechanics
- Key phases and archwire sequence with Self-Ligating Brackets
- The QuickKlear and TruKlear Brackets. The 2D Lingual System.
- The Biostarter, BioCosmetic, Biotorque and Betaflex archwires

**Interdisciplinary vs Multidisciplinary treatments**
- Interdisciplinary Team
- Create the Vision
- Diagnostic Wax-Up and Mock Up
- Digital Smile Design Project
- How to make a Multidisciplinary treatment planning
- Appliance Design and Anchorage Problems
- Treatment Sequence and Interaction
- Post Orthodontic Treatment - Retention

**How to integrate Periodontology and Orthodontic treatment**
- How to treat with Ortho periodontally-compromised patients
- Timing of ortho-perio treatment: when can we start the orthodontic movement?
- Biomechanical and interdisciplinary planning
- Anchorage demands
- The use of long Power Arms
- Lingual approach
- Combined Orthodontic and Periodontal treatment of one-two-three wall infrabony defects
- Management of the missing papilla
- Intrusion vs Extrusion of teeth with compromised periodontium
- When and how to treat dental recessions in ortho patients?
- Orthodontic Management of gingival recessions with Lingual Root Torque
- The treatment of Gummy Smiles

**How to integrate Dental Implants and Orthodontics.**
- Pre-prosthetic management of Molar uprighting and Space Opening for implants
- General rules- Space management- Root positions and angulations
- Orthodontic movement through edentulous areas: How to develop an implant site by orthodontic tooth movement and new bone formation
- Protraction of maxillary and mandibular molars: where is the limit?
- The use of Orthodontics to create bone volume for implants
- The use of Dental Implants as an Orthodontic Anchorage
- Modern trends in Oral Implantology

**How to integrate Orthodontic and Prosthodontic treatment**
- The use of Digital Smile Design in prosthetic planning
- How to motivate patients for Ceramic Veneers: the ideal workflow
- How to use ceramic veneers to optimize the final result of an Orthodontic Treatment
- How to integrate Ceramic Veneers and Implant-supported Reconstructions in Orthodontic Patients

**Finishing**
- Finishing and Torque control: what we should know.
- The role of elastics in the finishing

**Conclusions and final remarks**
Dr. Vittorio Cacciafesta and Dr. Paolo Casentini
Advanced Orthodontic Course on Multidisciplinary Treatments

October, 18th and 19th 2019, Warsaw

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