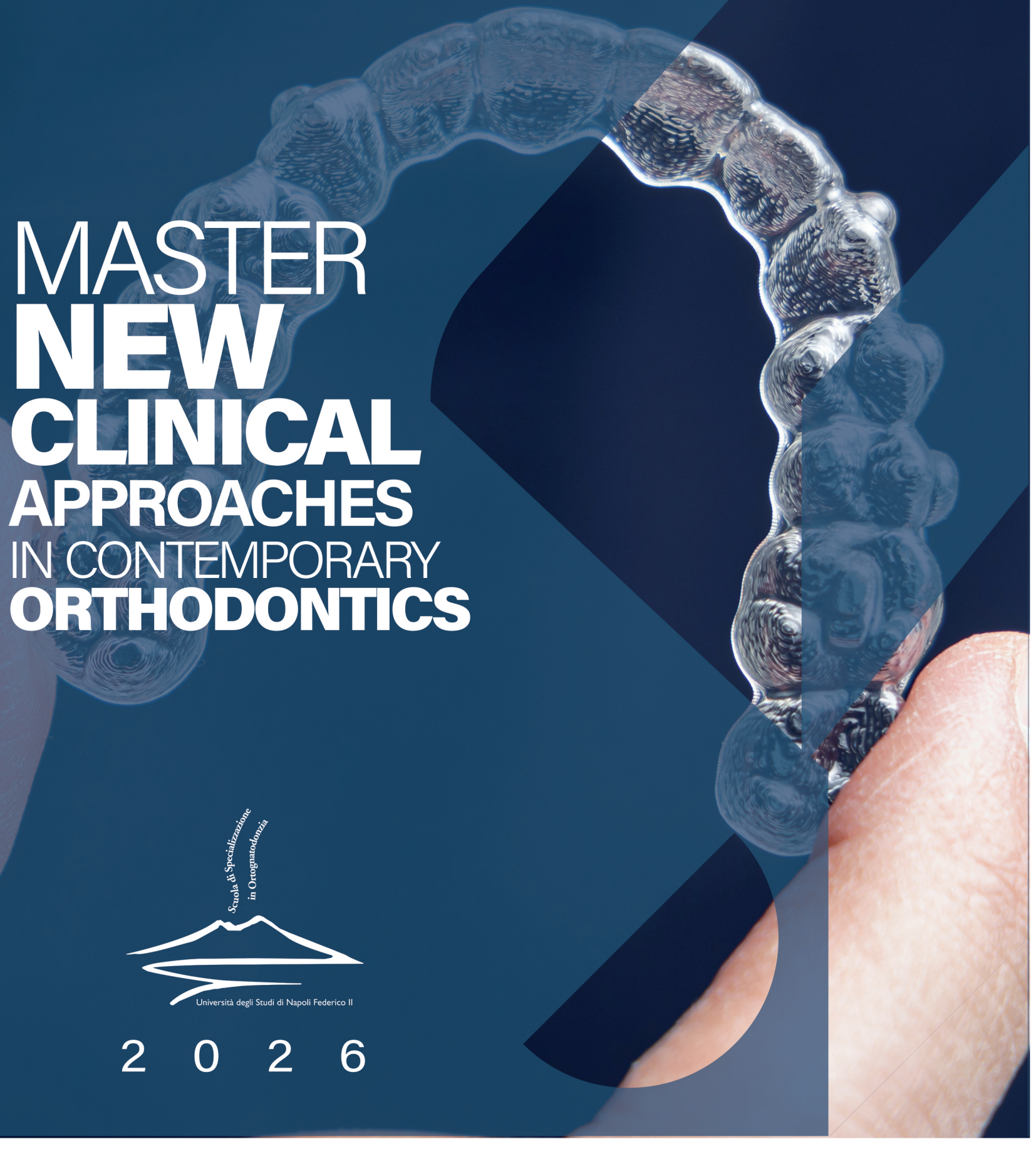
University of Naples “Federico II”
Master New Clinical Approaches in Contemporary Orthodontics
Coordinator: Prof. Vincenzo D’Antò

MASTER
NEW
CLINICAL
APPROACHES
IN CONTEMPORARY
ORTHODONTICS



Scuola di Specializzazione in Ortognatodonzia
Università degli Studi di Napoli Federico II

2026

Master Program

New Clinical Approaches in ***Contemporary Orthodontics***

LEAD BY
Prof. Vincenzo D'Antò and the team

DIPLOMA
Master of II Level in Orthodontics

DURATION
1 year

DATE
Starting 09 of November 2026 - July 2027

LECTURES
Online, on - demand and live

- Bi-weekly (every second week), 9:00 - 11:00 a.m., (CET), 2 - hour live zoom webinars (recording will be available).
- 2 weeks on site in 09 - 12 of November 2026 and spring of 2027 (date will be announced soon)
- Case discussion sessions.

Master Program

Diagnosis and treatment planning

Orthodontic check up
Orthodontic documentation:
- Intraoral and extraoral photos
- Orthodontic casts
- Radiographic exams
- Simplified cephalometric analysis

Diagnosis: The basis for excellence
- The role of anterior limit and facial aesthetic in diagnosis and therapy
- The four levels of disharmony
- The subjective and objective "Problem list"

Visualization of treatment objectives: VTO
Practical part
- Training in cephalometry
- Collection of medical records
- Collection of diagnostic records
- Intra- and extraoral photos
- Analysis of study casts

Fixed therapy and aligners: the basics

The basics of "shape driven" techniques
- The 6 keys of Andrews' occlusion
- Hardware: brackets prescription
- The management of the arch shape
- The sequence of wires
- Aligners and the digital workflow

Prediction of biomechanical response

- Biomechanics concepts applied to straight wire technology: how to achieve maximum efficiency

The bonding in orthodontics

- Sequence of positioning
- How to avoid the most common mistakes
- Indirect bonding

Auxiliaries
Attachments
Practical part

- Bonding and attachments reproduction
- Modelling of coordinated arches and bends
- Performing laceback, bend-back and tie-back

Clear aligner treatment

- Clinical workflow behind treatment: from the prescription to virtual planning of movements
- Indications and limitations of the treatment with clear aligners
- How to review the digital project and ask for changes
- Clear aligners biomechanics
- Clear aligners delivery and useful information for the patient
- Tips for IPR, elastics use and resolution of common problems
- How to make attachments
- Clinical protocols for the most common malocclusions
- Retention

The anchorage

- Principles for anchorage planning
- Skeletal Anchorage

Preventive and interceptive orthodontics

Rational approach to malocclusion interception

- Interception of bad habits and dentition issues
- Respiratory sleep disorders in children
- Staging of skeletal maturation and timing of orthodontic treatment

Rational approach to malocclusion interception

- Diagnosis of skeletal and dental transversal discrepancy
- Orthopaedic and orthodontic expansion
- Advantages and disadvantages of different devices
- Activation and duration of expansion treatment
- The retention of expansion mechanics

Class I Malocclusion

Treatment sequences in the straight wire technique

- Alignment
- Levelling
- The working phase mechanics

Extraction treatment

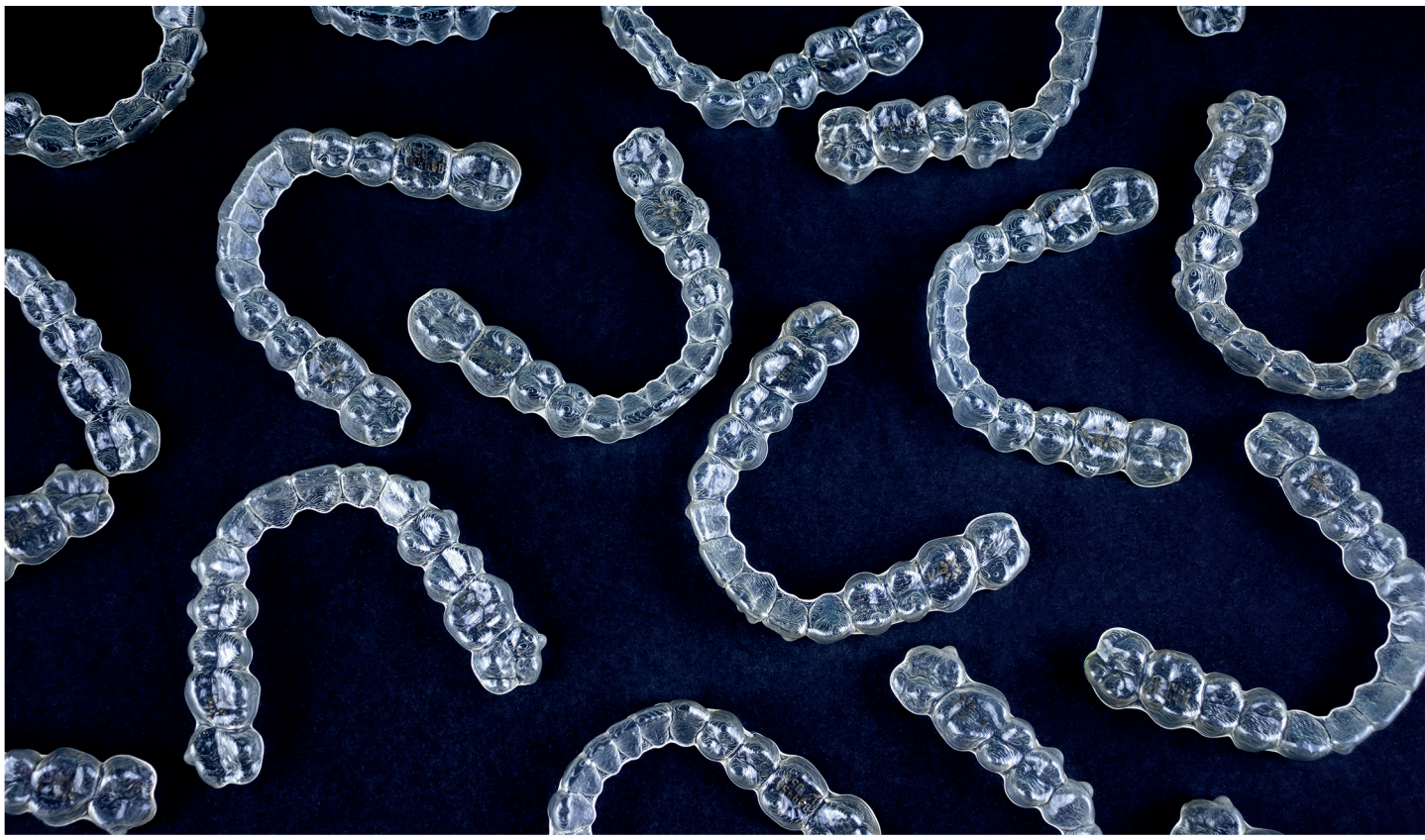
- Critical factors in treatment planning
- Patterns of Extractions
- Mechanics for closing spaces
- Fixed therapy treatment of class I extractive cases

The vertical discrepancies

- The interceptive treatment of deep bite and open bite
- Extraoral tractions

Practical

- Bending and activation of cantilevers



Class II

Angle class II malocclusion therapy
- Classification and diagnosis
- Aesthetic and clinical evaluation of the patient
- Timing: the right choice at the right moment

Functional therapy for class II malocclusion
- Bite Jumping Appliance: clinical use Herbst appliance

Fixed therapy for class II malocclusion
- Indications and limitations
- Mechanics for class II correction
- Sagittal first approach
- Extractive therapy: treatment sequences

Clear Aligners protocols for treating Class II

Class III

Malocclusion
- Biological basis and etiopathogenesis of class III malocclusion
- Classification and diagnosis

Orthopaedic therapy: indications, limitations and biomechanical considerations
- Petit-Delaire mask
- Class III pushing splints (PS-3)

Fixed therapy for class III malocclusion:
- Orthodontic camouflage for class III malocclusion
- Mechanics for class III correction: inter-maxillary elastics
- Extractive therapy

Clear aligners for treating a class III malocclusion

Interception and treatment of impactions and dental anomalies
- Interception of dental impaction
- Diagnosis: which exams are needed
- Treatment planning: from surgery to the biomechanics in cases of palatal and buccal impactions Skeletal anchorage for disimpaction mechanics
- Clinical cases

Finishing and retention	**Finishing:** - Objectives of the finishing phase - Protocol to achieve a correct finishing: the checklist - Use of elastics and finishing bends - Principles of smile aesthetic **Retention** - Stability and relapse: scientific literature vs clinical experience - Removable retainers: advantages and disadvantages - Fixed retainers: advantages and disadvantages **Practical part** - Modelling of fixed retainer - Finishing bends

About 15 lectures (2 hours each) webinar (each one recorded and available for 1 week).

Case discussion sessions. 2 weeks on site.

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