**ORDOLINE’S STUDIES**

In order to start with aligner treatments, here is the following courses that Ordoline provides to give the knowledge of various topics.

**Mandatory:**

if these courses are not completed, it is not possible to gain access to our platform and products.

**“Introduction to orthodontics”**

**8h**

**dr Rosaria Bucci / dr Roberto Rongo**

Prior to commencement, it is essential to undergo the Introduction to Orthodontics course as it establishes the foundational knowledge for Basic to Standard aligner treatment by Ordoline.

After this course, not yet possible to start treatments.

**“Aligner academy: essentials of aligner therapy”**

**8h**

**dr Andrius Pocevicius / dr Robertas Kirlys**

The Essentials of Aligner Therapy course will furnish practitioners with practical insights, encompassing the initiation of aligner treatments, comprehensive knowledge on reading treatment plans, and guidelines for best practices, facilitating a thorough understanding of the subject matter.

Basic to standard treatments possible.

**“Aligner academy: level II”**

**8h**

**dr Andrius Pocevicius / dr Robertas Kirlys**

To undertake more intricate cases, it is imperative to complete the Level II course, providing a deeper comprehension of complex movements and cases. Additionally, this course emphasizes the identification of cases that may be more appropriately redirected to professionals with advanced expertise. Standard to complex cases with elastics possible.

In total: 24h

**Addition:**

Additional courses provide deeper knowledge and understanding about treatments.

***“Diagnosis and management of Temporomandibular Disorders: The state of the art and clinical implications”***

***8h***

***Prof. Ambrosina Michelotti***

To integrate the evaluation of temporomandibular conditions, it is imperative to complete this course.

**“All you need to know about growing patients: indications, contraindications and limits of aligners"**

**8h**

**Prof. Vincenzo D’Anto**

Enrolling in this course is essential for gaining insights into identifying children who require immediate treatment and determining cases where a wait-and-see approach is appropriate.

Kids treatment possible to a certain extent.

**“Advanced aligner therapy: proven protocols for treatment of Malocclusions”**

**8h**

**Prof. Vincenzo D’Anto**
To navigate more intricate cases in aligner therapy or discern when a case may be beyond one's capacity, it is crucial to undergo this course. Knowledge about complex cases and their possibilities of treating with different approaches.

In total: 24h additional

**Masters program**

64h of live courses.

40h of webinars.

Participants in this program will gain comprehensive insights into orthodontics, enhancing their knowledge depth and familiarity with various orthodontic tools and their applications.

Possibility to do complex cases with various tools (e.g braces for hybrid treatments).

In this course, the participants will go through the following:

**Diagnosis and treatment planning**

Orthodontic check up

Objective exam

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

Advanced biomechanics applied to the straight wire
Be aware of Burstone geometries to predict biomechanical response

Use of Goshgarian trans-palatal arch

Practical part
BTP activations on the transverse, vertical and sagittal plane using the 6 Burstone geometries

**Class I Malocclusion**

Treatment sequences in the straight wire technique

* Alignment
* Levelling
* The working phase mechanics Extractive treatment
* Critical factors in treatment planning
* Extractive patterns
* 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

Management of diastemas in the anterior region

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

Practical part
Cantilever for canine disimpaction

**Finishing and retention**

Finishing: what to look at and how to intervene

* 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

**Orthodontics and temporomandibular disorders (TMD)**

* Introduction to TMD: classification and diagnosis
* Etiopathogenesis of TMD: the role of occlusion
* Psychosocial evaluation of the patient with TMD during orthodontic treatment: what is the correct approach?
* TMD therapy: an overview