

# PTERYGOID IMPLANTS COURSE

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MALO CLINIC  
REHABILITATION  
PROTOCOL  
FOR EDENTULISM

Presented by

Mariana Nunes, DDS,  
and the MALO CLINIC Clinical Team



## COURSE OVERVIEW

- Re-thinking oral rehabilitation
- Patient selection and treatment planning
- Comprehensive Overview of the All-on-4 Surgical Protocol
- Protocol for pterygoid implants placement – Diagnosis and treatment planning
- Digital tools and surgical planning (training using implant planning software)
- High Skilled All-on-4® – Best Approaches
- How to Manage Clinical Complications
- Live surgery with pterygoid implants
- Live Placement of Immediate prosthesis

## PARTICIPANTS

Professionals experienced in implant dentistry

## AVAILABLE DATES

JULY 11-12, 2025

## PROGRAM DURATION & COURSE FEE

2 Days | 2.950 Euros

## SYNOPSIS

Designed for surgeons with extensive experience in the rehabilitation of the atrophic maxillae, the course objective is to cover the use of Pterygoid implants as a graftless treatment alternative in full-arch rehabilitation.

Supported on the backbone of the All-on-4® concept, this course includes live surgery, and a pterygoid hands-on session. It takes the participant through the relevant aspects of the MALO CLINIC Protocol: from patient selection to treatment planning, anatomic considerations, imaging considerations, and fitting of the immediate and final prostheses, aiming to empower the participants with the necessary knowledge to offer immediate function to their patients even when facing atrophic and extremely atrophic maxillae cases.

The course has a strong digital workflow, and trainees are invited to bring their personal laptops so they can get familiarized with these new techniques at a digital level. The participants are also encouraged to bring their own cases for discussion, while a mentorship program is included in this course to support the participants' first cases.

1. Maló P, de Araújo Nobre M, Lopes A, Ferro A, Botto J. The All-on-4 treatment-concept for the rehabilitation of the completely edentulous mandible: A longitudinal study with 10 to 18 years of follow-up. Clin Implant Dent Relat Res 2019 Mar 28. doi: 10.1111/cid.12769. [Epub ahead of print]

2. Maló P, de Araújo Nobre M, Lopes A, Ferro A, Nunes M. The All-on-4 concept for full-arch rehabilitation of the edentulous maxillae: A longitudinal study with 5-13 years of follow-up. Clin Implant Dent Relat Res 2019 Mar 28. doi: 10.1111/cid.12771. [Epub ahead of print]



## BASIC COURSE OUTLINE

LECTURERS: Mariana Nunes, DDS, and the MALO CLINIC Clinical Team

### PRE-COURSE

It is mandatory for you to watch the online course for all the theoretical concepts. Bring your questions to the clinical team!

### DAY 1

#### Morning (Coffe break included)

- Review of skeletal anchorage techniques (All-on-4, trans-nasal, zygomatic and palatal approach)
- Fundamental behind the pterygoid application
  - Definition and classification
  - Effect of the implants position on Biomechanics
  - Protocol for pterygoid implants placement – Diagnosis and treatment planning
- Lunch break and tour of the clinic

#### Afternoon (Coffe break included)

- Digital tools and surgical planning (training using DTX software)
- Surgical techniques

### DAY 2

#### Morning (Coffe break included)

- Live surgery – full arch immediate loading with pterygoid implants
- Provisionalization

#### Afternoon (Coffe break included)

- Surgical Hands-on in 3D Model (of the live surgery patient)
- Clinical cases
- Q&A

\* Surgeries scheduled at MALO CLINIC are dependent on the patient. The program may have to be adjusted, should a patient be delayed or re-scheduled the appointment. MALO CLINIC Education reserves the right to make other changes to it without prior notice.

It is strictly forbidden to photograph or record during MALO CLINIC Education Courses or Clinical Residencies.

### CLINICAL ARTICLES PUBLISHED BY THE MALO CLINIC R&D DEPARTMENT

SCIENTIFIC PUBLICATIONS IN PEER-REVIEW JOURNALS

Please take into consideration that the program is always dependent on the clinical and laboratorial departments' schedules patients' authorization. Surgeries scheduled at MALO CLINIC are dependent on the patient. The program may have to be adjusted, should a patient be delayed or re-scheduled the appointment. MALO CLINIC Education reserves the right to make other changes to it without prior notice. It is strictly forbidden to photograph or record during MALO CLINIC Education Courses or Clinical Residencies.

MALO CLINIC Clinical Team: Armando Lopes, DDS, MSc, PhD; Ana Ferro, DDS; Abilio Fernandes, DDS; André Rodrigues, DDS; Carlos Moura Guedes, DDS; Daniel Oliveira, DH; Filipa Gonçalves, DDS; Filipe Melo, DDS; Inês Murteira, DDS; João Martins, DDS; João Rangel, DDS; Mariana Nunes, DDS; Miguel Gouveia, DDS; Miguel Nobre, Msc Epi, PhD Epi; Pedro Cosme, DDS; Ricardo Almeida, DDS; Rodrigo Gonzalez, DDS; Tiago Caramelo, DDS.