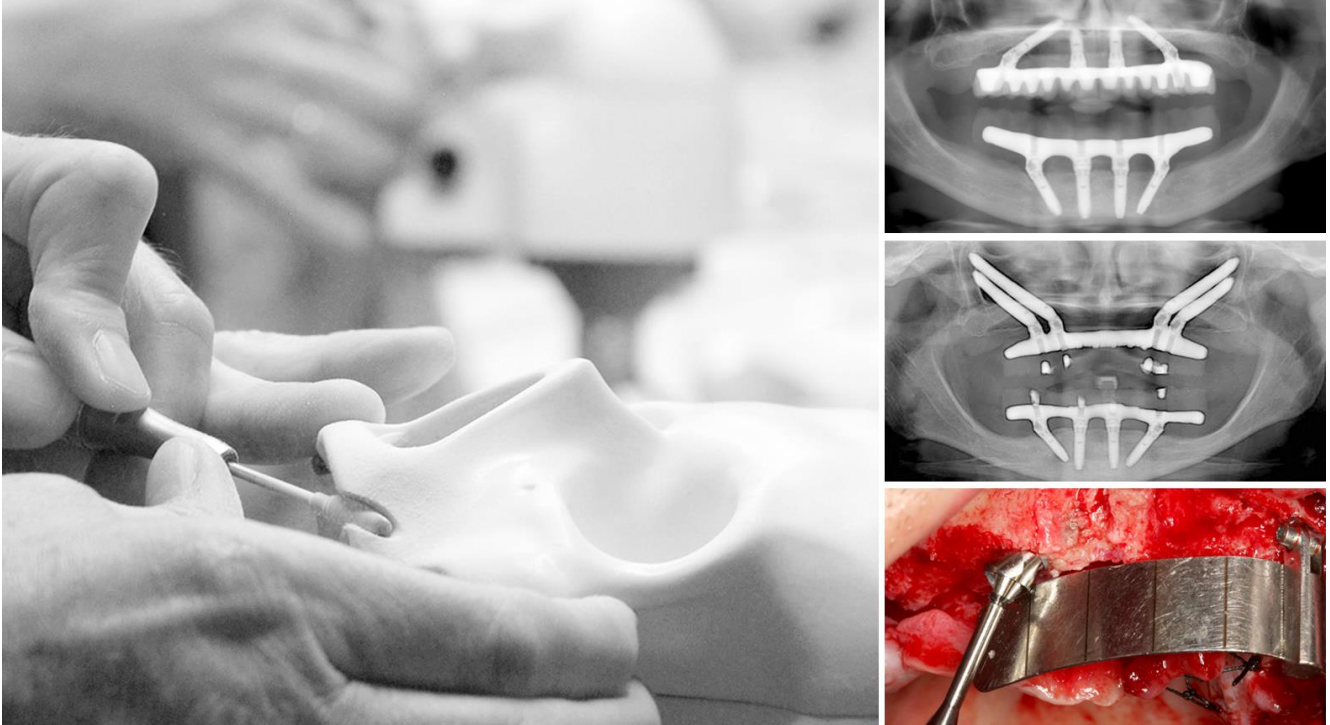


## CADAVER COURSE | ALL-ON-4® SURGICAL PROTOCOL – FROM STANDARD TO ZYGOMA CASES

MALO CLINIC REHABILITATION PROTOCOL FOR EDENTULISM

Presented by Armando Lopes, DDS, MSc, PhD, Ana Ferro, DDS and members of the MALO CLINIC



### COURSE OVERVIEW

- Re-thinking oral rehabilitation
- Patient selection and treatment planning – from Standard to Extra-Maxilla Cases
- How to manage possible Zygoma cases complications
- The esthetic possibilities of All-on-4® Protocol
- All-on-4® protocol surgeries – Live Cases
- Immediate Prosthesis Delivery
- Standard & Zygoma Hands-on Sessions on models
- Cadaver Hands-on Session (full day – Surgical Procedures from Standard to Extra-Maxilla Cases)

### PARTICIPANTS

Professionals experienced in implant dentistry

Minimum Number of participants: 6 Surgeons

Maximum Number of participants: 20 Surgeons

### AVAILABLE DATES

JULY 23-25, 2020 | DECEMBER 03-05, 2020

### PROGRAM DURATION & COURSE FEE

3 Days | 9.950 Euros

REGISTRATIONS & PAYMENTS DEADLINE: 60 days before course start

(contact us if this deadline has passed)

We give special conditions to participants who have already attended other MALO CLINIC Education trainings, and Nobel Biocare costumers might benefit from special registration conditions, please contact us for more information or your Nobel Biocare local sales representative.

- 20-years track record of All-on-4 Rehabilitation Cases, 800 Cases/year in average;
- 93 peer-review scientifically articles published and 44 R&D currently ongoing projects;
- Dedicated team and over 60 clinicians involved in R&D activities
- A multidisciplinary team with undisputable know-how, and experience in training & education activities.

With the support of

## SYNOPSIS

Designed for those that want to broaden their experience in implant dentistry on total edentulous patients, including Zygoma cases, this training covers the All-on-4® surgical protocol in detail concentrating on all existing approaches – Standard, Hybrid and Double-Zygoma – offering participants a comprehensive training that will allow them to gain the skills and know-how to successfully rehabilitate atrophic mandibles/maxillae as well as severely resorbed maxillae in just a few hours,

Including live surgery, hands-on on both fresh frozen cadavers (1 full-day) and models, the course will take you through all the relevant aspects of the MALO CLINIC Protocol, from patient selection to treatment planning, and anatomic and imaging considerations, all the way through to the fitting of the immediate and final prostheses so you can offer immediate function to your patients even when facing with extremely atrophic maxilla and mandible cases.

Pioneered by Prof. Paulo Malo and the MALO CLINIC team in the early 90's, the All-on-4® surgical protocol is an innovative procedure for the rehabilitation of edentulous jaws focusing entirely on the patient and allowing you to offer immediate function and excellent esthetics with a limited number of implants, eliminating the need for time consuming and often debilitating bone graft procedures. For severely atrophic maxillae, this procedure is complemented with extra-maxillary (zygoma) anchored implants which placement will be covered in detail during this training.

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## BASIC COURSE OUTLINE

**Lecturers:** Prof. Armando Lopes, Dr. Ana Ferro and members of the MALO CLINIC

\*SURGERIES ARE PERFORMED ACCORDING TO ONE OF THE ALL-ON-4® SURGICAL PROTOCOL APPROACHES (STANDARD, HYBRID AND DOUBLE-ZYGOMA). AT LEAST 2 SURGERIES WILL BE PERFORMED LIVE FOR THE COURSE (ONE STANDARD CASE, AND ONE HYBRID OR DOUBLE-ZYGOMA CASE – ZYGOMA ANCHORED IMPLANTS).

### DAY 1 | MALO CLINIC Lisbon

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08:50 – 09:00	Welcome Desk / Introduction
09:00 – 10:30	Clinical Case Presentation LIVE SURGERY* Discussions, Questions & Answers
10:30 – 10:45	Coffee break
10:45 – 12:15	Clinical Case Presentation LIVE SURGERY* Discussions, Questions & Answers
12:15 – 14:00	Lunch and Tour of the clinic
14:00 – 15:30	Full-Arch Rehabilitation with Immediate Loading: All-on-4® Surgical Protocol - MALO CLINIC Protocol
15:30 – 15:45	Coffee break
15:45 – 17:45	All-on-4® Surgical Protocol & Zygoma Implants – The Hybrid and the Double-Zygoma approaches: Anatomic, Imaging and Surgical Considerations
17:45 – 18:15	Clinical Cases Discussion Session – Treatment Plan for Participants Own Cases
18:15 – 18:30	Functional and Esthetic considerations: Fitting of the Immediate Prosthesis (Live)

## DAY 2 | MALO CLINIC Lisbon

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- 08:00 – 09:30 Clinical case presentation  
LIVE SURGERY\*
- 09:30 – 09:45 Coffee break
- 09:45 – 11:15 Clinical case presentation  
LIVE SURGERY\*  
Discussions, Questions & Answers
- 11:15 – 12:15 Implant Maintenance & Long-Term Success – “Cleaning is not enough”
- 12:15 – 13:15 Lunch
- 13:15 – 14:30 All-on-4® Surgical Protocol - Clinical Complications
- 14:30 – 16:30 HANDS-ON Sessions: Placing Implants according to Standard/Hybrid Approach
- 16:30 – 16:45 Coffee Break
- 16:45 – 18:15 All-on-4® Protocol – Treatment Planning & Provisional Prosthesis  
Final Rehabilitation of the Total Edentulous: MALO CLINIC Bridge & Prosthetic Complications
- 18:15 – 18:30 Functional and Esthetic considerations: fitting of the Immediate Prosthesis (Live)
- 20:00 - Social Event: Dinner

## DAY 3 – CADAVER HANDS-ON TRAINING FACILITIES

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- 09:30 – 17:00 Hands-on Session on Fresh Frozen Cadavers in teams of 2.  
Coffee-breaks & Lunch included

Training organized by the MALO CLINIC, namely Dr. Armando Lopes and Dr. Ana Ferro in collaboration with the Anatomy Institute of the Faculty of Medicine of Lisbon, directed by Honourable Professor Doctor António Gonçalves Ferreira.



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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**; Abílio Fernandes, DDS; André Rodrigues, DDS; Andreia Rodrigues, DDS; Carlos Moura Guedes, DDS; Daniel Oliveira, DH; Filipa Gonçalves, DDS; Filipe Melo, DDS; Inês Gravito, DDS; Inês Murteira, DDS; João Martins, DDS; João Rangel, DDS; João Botto, DDS; Joana Neves, DDS; Mariana Alves, DDS; Mariana Nunes, DDS; Miguel Gouveia, DDS; Miguel Nobre, DH, MSc; Pedro Cosme, DDS; Pedro Estêvão, DDS; Ricardo Almeida, DDS; Rodrigo Gonzalez, DDS; Sílvia Batista, DH; Tiago Estêvão, DDS; Tiago Caramelo, DDS.

## List of Clinical Articles Published by the MALO CLINIC R&D Department

Scientific Publications in peer-review journals

- 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]
- 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]
- Maló P, de Araújo Nobre M, Moura Guedes C, Almeida R, Silva A, Sereno N, Legatheaux J. Short-term report of an ongoing prospective cohort study evaluating the outcome of full-arch implant-supported fixed hybrid polyetheretherketone-acrylic resin prostheses and the All-on-Four concept. *Clin Implant Dent Relat Res* 2018;20:692-702. doi: 10.1111/cid.12662. Epub 2018 Aug 15.
- Maló PS, de Araújo Nobre MA, Ferro AS, Parreira GG. Five-year outcome of a retrospective cohort study comparing smokers vs. nonsmokers with full-arch mandibular implant-supported rehabilitation using the All-on-4 concept. *J Oral Sci* 2018;60:177-186. doi: 10.2334/josnusd.16-0890. Epub 2018 May 10.
- Maló P, Lopes A, de Araújo Nobre M, Ferro A. Immediate function dental implants inserted with less than 30N-cm of torque in full-arch maxillary rehabilitations using the All-on-4 concept: retrospective study. *Int J Oral Maxillofac Surg* 2018;47:1079-1085. doi: 10.1016/j.ijom.2018.04.008. Epub 2018 May 4.
- Maló PS, de Araújo Nobre MA, Lopes AV, Ferro AS. Retrospective cohort clinical investigation of a dental implant with a narrow diameter and short length for the partial rehabilitation of extremely atrophic jaws. *J Oral Sci* 2017;59:357-363. doi: 10.2334/josnusd.16-0321.
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- de Araújo Nobre M, Maló P. Prevalence of periodontitis, dental caries, and peri-implant pathology and their relation with systemic status and smoking habits: Results of an open-cohort study with 22009 patients in a private rehabilitation center. *J Dent* 2017 Jul 25. pii: S0300-5712(17)30181-1. doi: 10.1016/j.jdent.2017.07.013. [Epub ahead of print]
- Agliardi EL, Romeo D, Panigatti S, de Araújo Nobre M, Maló P. Immediate full-arch rehabilitation of the severely atrophic maxilla supported by zygomatic implants: a prospective clinical study with minimum follow-up of 6 years. *Int J Oral Maxillofac Surg* 2017 Jun 24. pii: S0901-5027(17)31486-8. doi: 10.1016/j.ijom.2017.05.023. [Epub ahead of print]
- Maló P, Nobre MA, Lopes A, Gonçalves I, Nunes M. Seven mm long dental implants in posterior jaws: 3-year report of an ongoing prospective single cohort study. *Eur J Oral Implantol* 2017;10:85-93.
- Maló P, de Araújo Nobre M, Moura Guedes C, Almeida R. Outcomes of Immediate Function Implant Prosthetic Restorations with Mechanical Complications: A Retrospective Clinical Study with 5 Years of Follow-up. *Eur J Prosthodont Restor Dent* 2017; 25:26-34.
- de Maló P, de Araújo Nobre M, Gonçalves Y, Lopes A, Ferro A. Immediate Function of Anodically Oxidized Surface Implants (TiUnite™) for Fixed Prosthetic Rehabilitation: Retrospective Study with 10 Years of Follow-Up. *Biomed Res Int* 2016;2016:2061237. doi: 10.1155/2016/2061237.
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