

ADVANCED FULL-ARCH PROTOCOLS

DR. PEDRO MOURA

3-5 JUNE 2027

ZAGREB, CROATIA

All-on-X Surgery from Basic to Advanced – Palatal, Pterygoid, Trans sinus and Zygomatic Approaches for the Atrophic Maxilla · Sinus Lift · Autologous Bone Reconstruction

ABOUT THE COURSE

Three days on the protocols we are running now: how we plan a case, how we execute it, and what we do step by step across different clinical scenarios and different anatomies. What works, what does not.

You will learn to build your own surgical guides, and to place implants both guided and freehand. We cover the full range of remote anchorage – palatal, pterygoid, trans-sinus, zygomatic, trans nasal, quad zygoma, and where subperiosteal solutions fit. We go deep into sinus surgery and into autologous reconstruction with the Khoury technique. And we spend real time on complications: what goes wrong, how to solve it, and what happens afterwards.

DAY 1 – FOUNDATIONS AND PLANNING

09 :00 – 12:30 Morning Session (Theory)

- From All-on-4 to All-on-X: what changed and why the standard protocol runs out of road.
- Prosthetically driven planning – from the final prosthesis back to the bone.
- FP1 versus FP3: how to decide, and what each one asks of you surgically.
- Reading the CBCT for full arch. Choosing trajectories and anchorage. Immediate loading and conversion.

12:30 – 13:30 Lunch Break

13:30 – 17 :00 Afternoon Session (Hands On)

- Designing a surgical guide in Blue Sky Bio, from CBCT to printable file.
- Implant placement on models: freehand first, then guided through the guide you designed.

DAY 2 – THE ATROPHIC MAXILLA

09 :00 – 12:30 Morning Session (Theory)

- Palatal implants.
- Pterygoid implants – anatomy, trajectory, and anchorage.
- Trans-sinus implants.
- Zygomatic implants, including quad zygoma.
- Trans nasal implants and where subperiosteal solutions belong.
- Case selection: matching the technique to the patient.
- Complications – how to recognize them early, how to solve them, and what the follow-up looks like.

12:30 – 13: 30 Lunch Break

13:30 – 17:00 Afternoon Session (Hands On)

- Placement on printed maxillae: palatal, pterygoid and trans-sinus implants.
- Zygomatic placement.

19:30 – 23:00 Social Event

DAY 3 – SINUS AND BONE RECONSTRUCTION

09 :00 – 12:30 Morning Session (Theory)

- Sinus: anatomy and CBCT interpretation, septa, what makes a case difficult before you start.
- Lateral window step by step.
- Crestal approach step by step.
- Graft materials and membranes.
- Membrane management, perforations, and how to recover.
- Autologous bone: the Khoury technique step by step – retromolar harvesting, plate manipulation, fixation.
- When to rebuild bones and when to work with what the patient has.

12:30 – 13:30 Lunch Break

Afternoon Session – Hands-On

- Sinus: lateral window, bony lid, membrane elevation and management.
- Khoury: Bone harvesting and plate adaptation on models.

WHAT PARTICIPANTS MUST BRING

- A laptop with Blue Sky Bio installed beforehand – without it they cannot take part in the guide design on day one.
- Loupes/ Headlight