

The **OBJECTIVE** of the course is to provide trainees with the skills to develop simple or complex surgical treatment plans and prosthetic rehabilitations through a fully digital workflow, using proven and predictable protocols.

The course is **ADDRESSED** for both dentists and dental technicians.

Starting with the use of CBCT, all steps will be implemented, from programming using REAL GUIDE software, digital prosthetic set up in collaboration with the technician, to implement surgery that is prosthetically guided, surgical template programming and implant component selection, pure surgical steps to end with prosthetic restoration insertion.

COURSE PROGRAM:

- The rationale for prosthetically guided surgery.
- Collection of reports: CBCT, Intraoral scans, facial scans, dynamic motion recordings
- Aesthetic-functional previsualization (mockup-mounting teeth)
- REAL GUIDE software and introduction to using and managing files
- Waxup design, prosthetic design and surgical kit selection
- Modeling and printing of the surgical template using REAL GUIDE software
- Fabrication of the immediately loaded prosthetic restoration according to virtual design
- Choice of implant components: OT-BRIDGE and MUA
- Bar and prosthetic framework design with bonding t-base
- Bar and prosthetic framework design with t-base bonding
- Fabrication of models and prosthesis using digital techniques and new OT-BRIDGE protocols
- Clinical cases

PRACTICAL DEMONSTRATION WITH REAL GUIDE SOFTWARE

- Clinical part: implant placement, surgical template design
- Dental part: set-up design teeth, bar and prosthetic artifact



Dr. Davide Di Paola

He graduated in Dentistry in 2002 and specialized in Endodontics and Implant Surgery at the universities of Rome and Catania. Freelancer since 2006, he is active in his own practice and collaborates with several facilities. Since 2010, he has been a member of ITI (International Team for Implantology) and has been dedicated to 3D guided implant-prosthetic surgery since 2016. In 2019, he received a Master's degree in 3D Computer Guided Surgery from the University of Pisa. He has participated as a speaker in numerous digital surgery courses organized by Sweden & Martina, and has authored articles in peer-reviewed journals. Since 2022, he has held a permanent contract at the ASP facilities in Catania. He has been collaborating with Rhein83 since 2023 on full arch digital and guided surgery, using advanced technologies such as the OT Bridge C.I. system.



Odt. Carlo Borromeo

He graduated in Dental Technology in 1983 and started his own laboratory in 1988, specializing in implant prosthetics and Cad-Cam technologies. Over the years, he has forged partnerships with companies in the industry, becoming an expert in merceology, ceramics and frameworks on implants. He has taken advanced courses, including a course in prosthetic reconstruction on implants with R. Polcan and a course in ceramics with Oliver Brix. In 1996 he participated in the prestigious Oral Design course at Willi Geller's laboratory in Zurich. He is currently a course tutor in Italy and abroad for Rhein83 and an Antlo lecturer. He is the author of numerous publications and lecturer, and co-author of the book "The Protocol" with Colognesi, Strega, and Liberati. He has published articles on removable prosthetics in various countries, including Canada, the United States, Spain, Portugal, and Russia.