

COMPUTER-GUIDED IMPLANTOLOGY

When technology makes what seemed difficult easier.

Imagine being able to "see" the procedure before it even begins.

Computer-guided surgery works just like this: it uses digital technology that allows us to plan every detail of the implant insertion before touching the patient's mouth.

How it works, in simple terms:

- We perform a 3D CT scan of your mouth. This gives us a very precise image of your bones, gums, and teeth.
- Using software specifically designed for implant surgery planning, the computer creates a virtual model of your mouth. Based on this model, we can decide precisely where to place the implants, where there is more bone or where it is most deeply embedded, for patient safety and the future stability of the prosthesis.
- We print a personalized surgical guide, a sort of "template" (which will be used during the surgical phase) that indicates the exact location where the implants will be placed during the procedure.



Why it's beneficial for you

- Greater precision: the implant is placed in the best spot, with minimal margin for error.
- Faster and more delicate procedure: everything is pre-planned, thus reducing time and maneuvers.
- Greater comfort: the procedure is less invasive than traditional methods (no stitches or incisions)
- Easier recovery: thanks to the precision and absence of stitches, the tissues are treated more gently.
- More predictable results: we already know in advance how the implants will be positioned.
- Immediate loading of the implants is possible, meaning a temporary prosthesis is screwed onto the newly placed implants immediately. The advantage of never being left without teeth.

In short, it's a technology that allows us to work more safely and delicately, making the patient experience more peaceful and comfortable. It doesn't replace the dentist's experience, but rather enhances it, making everything more precise and less invasive.