



Aadva™
Digital Implant
Placement Solutions

GC Tech.Europe



GC Aadva Digital Implant Placement Solutions

Digital implant planning and guided implant surgery based on 3D radiographic data and 3D intraoral surfaces can be invaluable, depending on the complexity of the case and the patient's anatomy. It enables stringent backward planning to optimise the safety and efficiency and gives the potential to reach the highest level of precision and control. When used correctly, the speed and accuracy of the surgical procedure is enhanced and the restorative outcome becomes more predictable in terms of function, biology and aesthetics.



The Aadva implant line from GC provides clinicians with options for modern surgical planning and restorative solutions, including digital planning and guided surgery.

Digital Surgical Planning

The Aadva implant line and its aesthetic abutment line are fully integrated with the following softwares (Table 1):

Software	Provider	GC Aadva Libraries			
		Standard Implant	Tapered Implant	Short Implant	Abutments
Romexis®	Planmeca	✓	✓	✓	✗
coDiagnostiX®	Dental Wings	✓	✓	✗	✗
OnDemand3D™	Cybermed	✓	✓	✓	✓
SMOP	Swissmeda	✓	✓	✓	✓
CS 3D Imaging	Carestream Dental	✓	✓	✓	✗
exoplan	exocad®	✓	✓	✓	✗
AIS	Acteon	✓	✓	✓	✗
Blue Sky Plan	Blue Sky Bio	✓	✓	✓	✗
Galileos/SICAT implant	SICAT	✓	✓	✗	✗
SimPlant	Dentsply Sirona	✓	✓	✗	✗

Table 1 : Overview of GC Aadva Implant line integration in implant planning software's (status October 2021). *References in this table to trademarks belong to others not affiliated with GC, including references which may not display the ® or ™ symbol.

Surgical Guides



Precise guided surgery with 2ingis® for Aadva

The Genius® guide system was developed by 2ingis for computer-assisted case planning and guided surgery and is compatible with the Aadva implant system.

Compared to centrally guiding surgical templates with drill sleeves, Genius offers a wide variety of advantages that make the application simpler, easier or even make it possible in the first place.

What does Genius® solve?

- ✓ Genius surgical guides can be entirely heat sterilized at 135° in respect of the surgical chain.
- ✓ Genius has a sleeveless, slender, open-frame structure that enables view.
- ✓ Irrigation and invasive surgery can take place with the surgical guide *in situ*.
- ✓ Genius accepts all surgical standard drills, tools and implant drivers.
- ✓ Drills can run contactless, regardless of the surgical technique. Any contamination is excluded.
- ✓ Genius' special design provides markedly increased vertical space (up to 25 mm space is saved), enabling guided surgery even when the mouth opening is extremely small.



Courtesy of Dr. Juraj Brosović, Croatia

Genius guide takes backward planning to a whole new level and helps you to provide optimal implantology treatments.

2ingis full WORKFLOW

From X-ray analysis to implant planning through an individual Genius drill guide: implants are placed in a precise, secure and predictable way.

01

Dental impression

taken with non-radiopaque impression materials for partial edentation and radiopaque silicone for edentulous cases

03

Pre-operative planning

Control of CBCT quality
Control of bone quantity

05

Surgical guide protocol

Controlled by 2ingis
Genius is delivered with the patient's individualised protocol

02

CBCT

taken with the impression *in situ*

04

3D scanning and integration

- ✓ Reference scan
- ✓ Model scan
- ✓ Set-up scan

06

Surgery

Step by step, following the protocol

2ingis Guide Services.

2ingis offers various services worldwide:

- ✓ 3D scanings : reference, model and set up.
- ✓ Integration of the 3D scanning images (STL files).
- ✓ Implant planning in accordance with the expectations of the surgeons and final prosthetics.



Individual Medical Devices

2ingis designs and/or 3D prints the patient's individual medical device in resin or metal.



An easy start

Working with 2ingis enables you to work with the original Aadva implant drills. By complementing your Aadva Surgical Kit with the 2ingis Surgery Kit, you are ready to go.



**Guided
surgery**

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