

# The complete implant workflow

Design for efficiency, integration and success



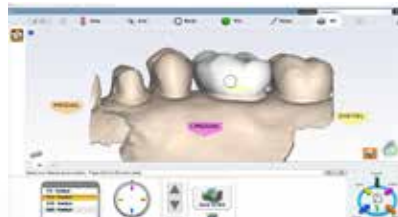
# The complete implant workflow

## All-in-one software



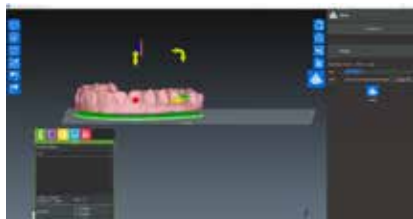
### 8 Final restorations

Planmeca CAD/CAM



### 7 Guide manufacturing

Planmeca Creo™ C5



### 6 Implant guide design



### 5 Implant planning



Planme  
meca  
nexis  
e software

**1** Smile designing



**2** Cone beam imaging  
Planmecca CBCT units



**3** Digital impression  
Planmecca intraoral scanners



**4** Virtual crown design  
Planmecca PlanCAD® Easy

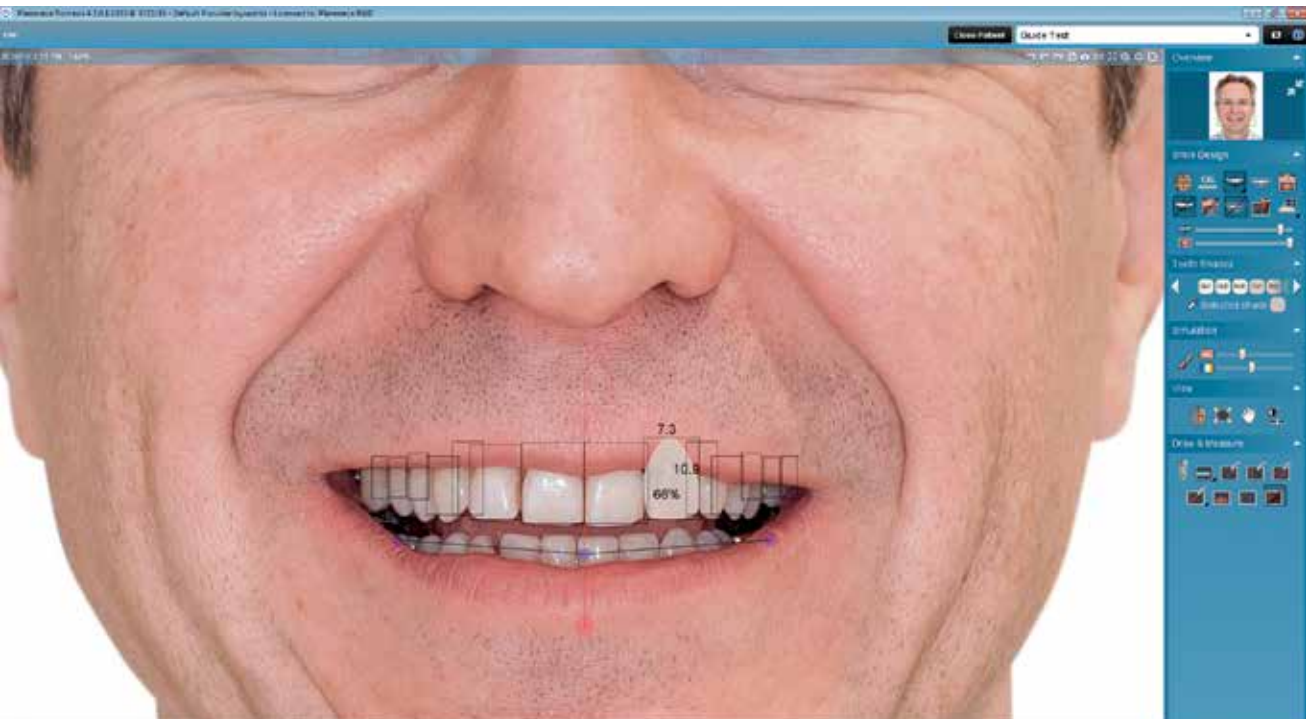


## The complete implant workflow

# 1 Smile designing

Use the **Planmeca Romexis® Smile Design** software and a 2D photo for patient education and motivation. Create quick simulation of the new smile and share the design with the whole treatment group. Export it to the CAD/CAM system for virtual crown designing.





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## 2 Cone beam imaging

*Acquire a cone beam image of the area of interest with any Planmeca CBCT system.*





You can also import any DICOM file from other systems to Planmeca Romexis®.

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## 3 Digital impression

Capture a digital impression with the **Planmeca Emerald™ S**, **Planmeca Emerald™** or **Planmeca PlanScan®** intraoral scanner.

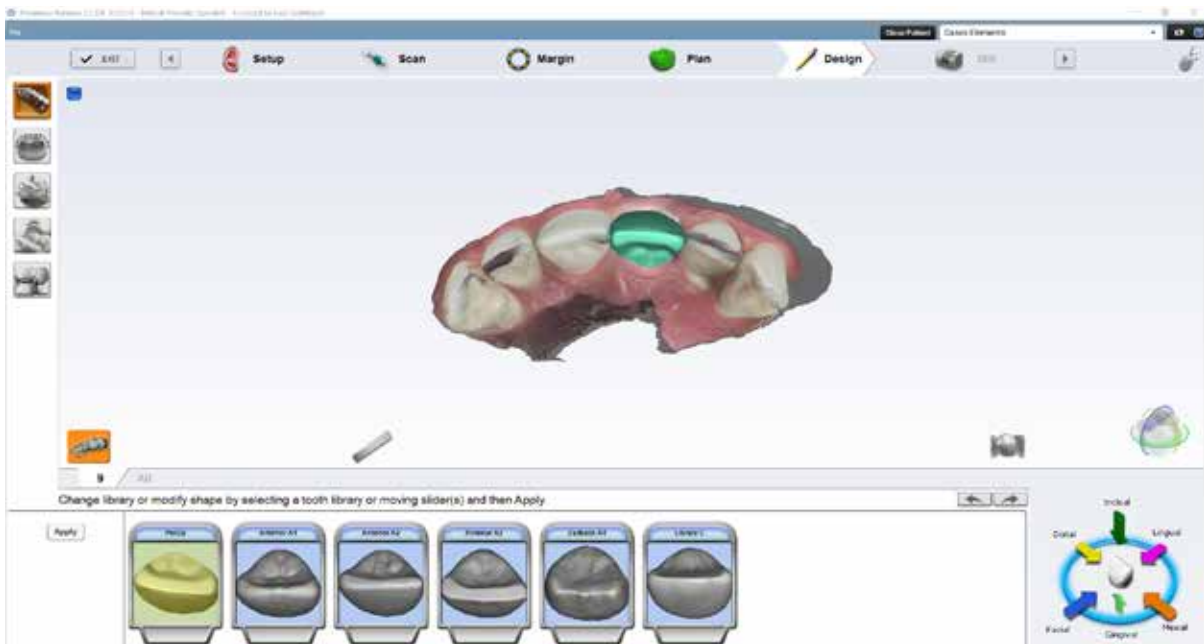
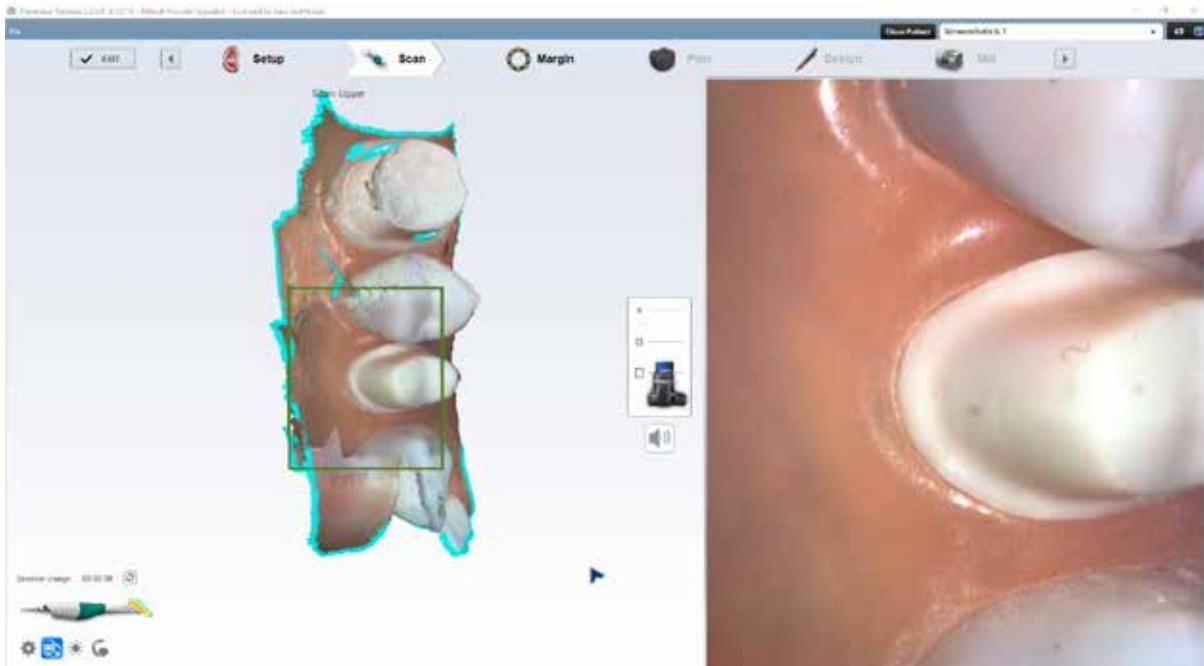


## 4 Virtual crown design

Utilize the intraoral scan data to design a virtual crown with the **Planmeca PlanCAD® Easy** software. The intraoral scan and crown will be immediately available in the **Planmeca Romexis® Implant Planning** software module for implant planning.

You can also scan conventional impressions with **Planmeca ProMax® 3D** system, or import any digital model in standard STL format. Wax-ups can additionally be scanned with a desktop scanner and imported in STL format.

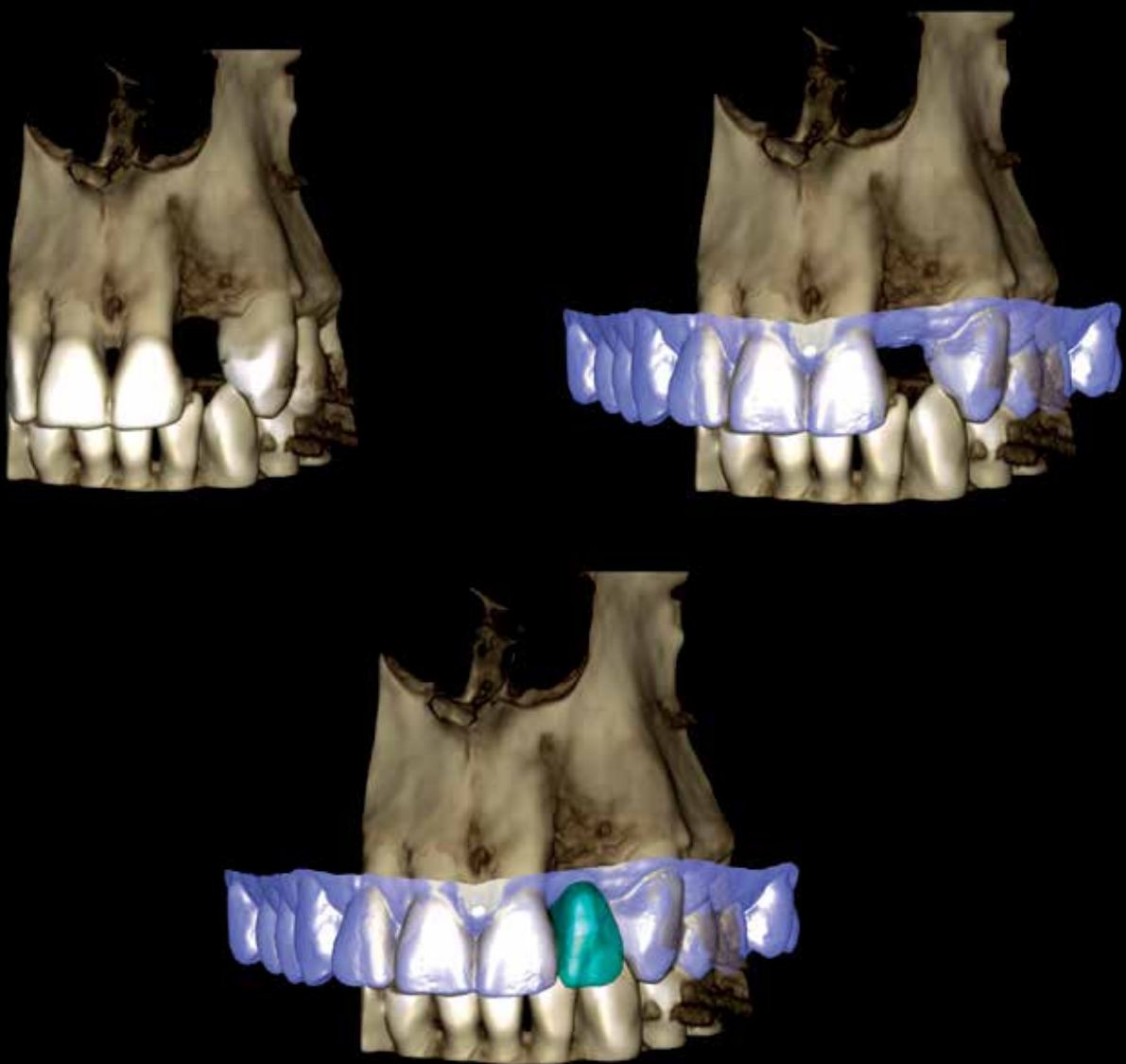




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# 5 Implant planning

*Combine a patient's CBCT image, digital impression, and crown in the Planmeca Romexis® software to create a complete virtual setup for the implant plan. Select your favorite implant from our extensive implant library and find the optimal position for it with the software's easy-to-use implant tools.*



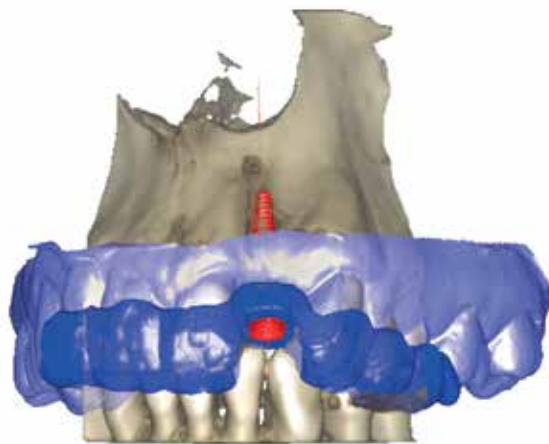


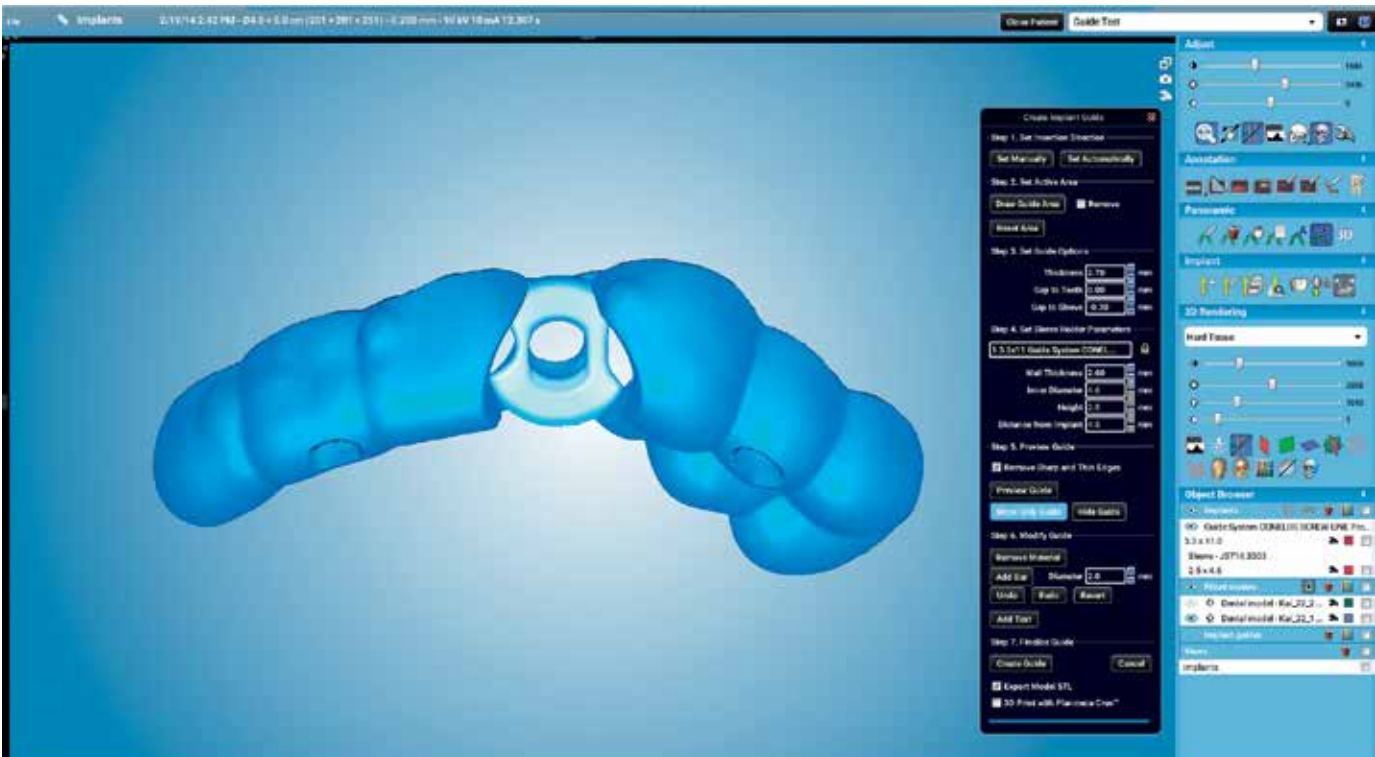
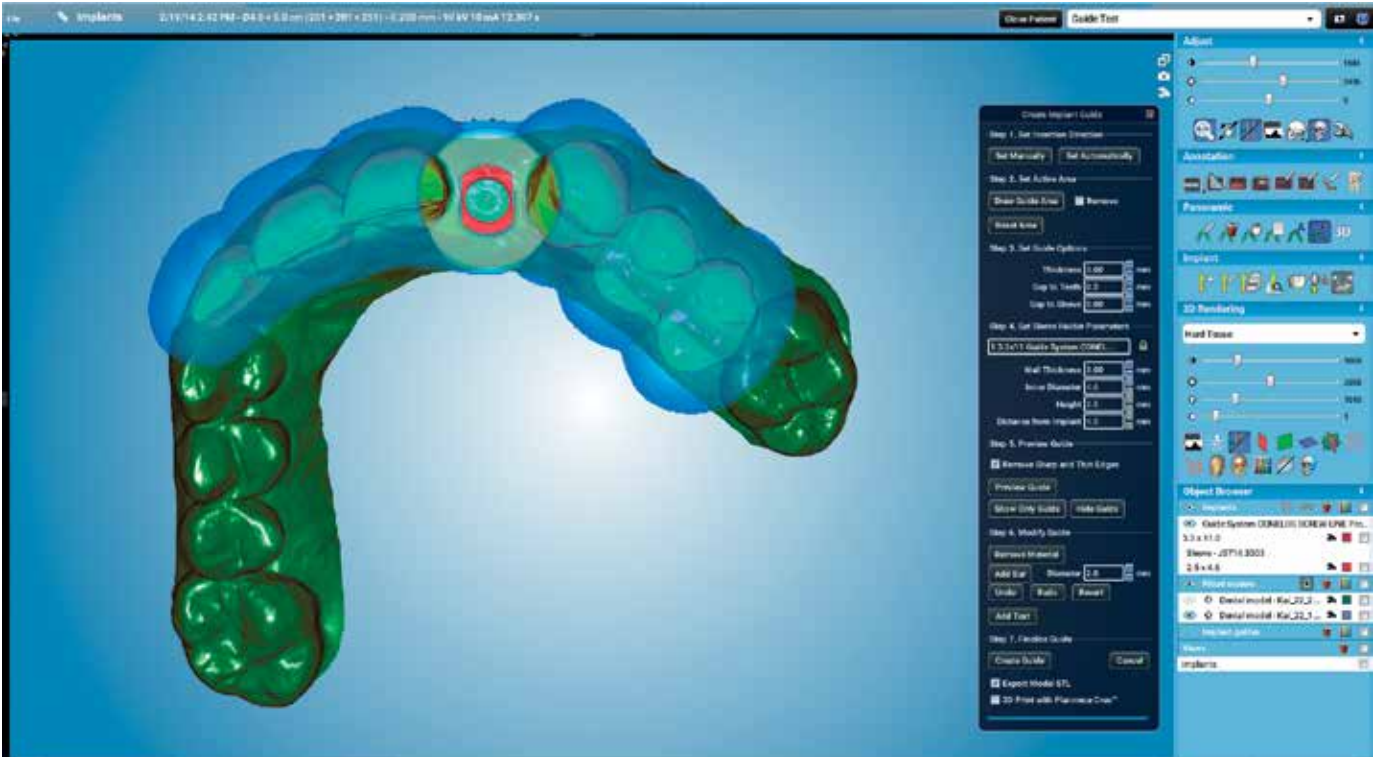
The Planmeca Romexis® implant library includes implants from over 60 manufacturers.

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## 6 Implant guide design

Stop guessing and start performing precise surgery with the help of accurate digital planning. Use your implant plan to create an implant guide with just a few clicks in the **Planmeca Romexis®** software. Proceed directly to 3D print the guide with **Planmeca Creo™ C5**, or export the design in STL file format and manufacture it with any other suitable printer.





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# 7 Guide manufacturing

*Print the guide from medically approved material with the **Planmeca Creo™ C5** 3D printer. Afterwards, place the implant as planned with minimally invasive and accurate procedures.*





You can also 3D print the guide STL file by any other 3D printer that has a suitable resin for surgical guides.

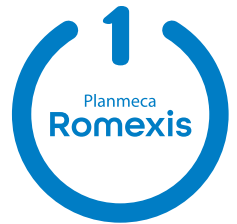
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# 8 Final restorations

*After osseointegration of the implant, use the Planmeca Emerald™ S, Planmeca Emerald™ or Planmeca PlanScan® intraoral scanner to register the implant position by scanning the scan body. Next, design the abutment and suprastructure with the Planmeca PlanCAD® Premium or Planmeca PlanCAD® Easy software. You can either mill the final restoration with the Planmeca PlanMill® milling units, or send the STL files to a milling center of your choice.*







Ensure an optimal restorative result  
and a happy patient



# Hear from our happy users!

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Dr. Carlo Pizzo, DDS &  
Dr. Gioia Amico, DDS  
A&P Clinic, Cittadella, Italy

*“With Planmeca Romexis® we can virtually place the exact dental implants we are going to use by choosing them from the integrated 3D implant library. This feature works amazingly well.”*



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Aki Lindén, CDT  
Oral Lindent Hammaslaboratorio  
Helsinki, Finland

*“My patients have been very pleased to be able to genuinely be part of the process from the start. When the expectations and plans have been carefully reviewed to start with, the end result will more likely meet the expectations of the patient.”*



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Dr. Alexandros Manolakis  
Manolakis Dental Clinic  
Thessaloniki, Greece

*“I don’t want to have different software for each procedure and software that doesn’t often communicate with one another. So I like to have one platform and do all my work in one platform – this is very important to me.”*





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**Dr. Walter Renne**  
Associate Professor  
Medical University of South Carolina

*"Nothing is as simple to use yet so extremely powerful as Planmeca Romexis®. You can capture intraoral digital impressions with any open scanner and wax using Planmeca PlanCAD® Easy. Simply merge your virtual waxup with DICOM data and design a custom surgical guide for worry-free restorative-driven implant placement. All in one seamless software."*



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**Dr. Ville Pesonen**  
Oral and maxillofacial surgeon  
Kuopio, Finland

*"I feel that guides designed with **Planmeca Romexis®** are easy to use and lead to precise fits. They are especially suitable for providing single implant treatments. Guided implant surgery and Planmeca Romexis guides enable implant treatments that are more reliable and accurate than freehand surgery. Treatments still require excellent skill from the surgeon, but there are less surprises."*





Planmeca Oy designs and manufactures a full line of industry-leading dental equipment, including 3D and 2D imaging devices, CAD/CAM solutions, dental care units and software. Planmeca Oy, the parent company of the Finnish Planmeca Group, is strongly committed to better care through innovation, and it is the largest privately held company in the field.

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