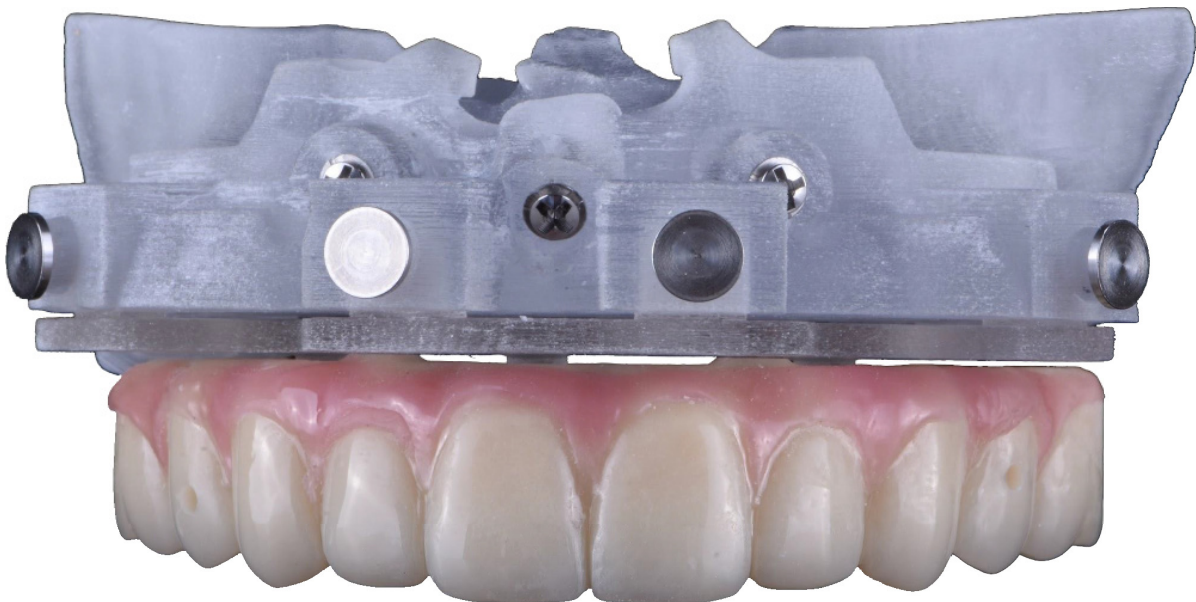




ANATOMIC GUIDETM **WORKFLOW**

— FOR —
FULL ARCH REHABILITATION



**A STREAMLINED DIGITALLY-INTEGRATED
SOLUTION FOR A SIMPLIFIED IMPLANT
GUIDED SURGERY**

Presenting our state-of-the-art Anatomic Guide™

360Imaging Anatomic Guide™ is the culmination of more than 500,000 successful implants placed across our network of 3,000 plus dentists and over 120 certified labs around the world. Thanks to this large-scale global collaboration, we have achieved a remarkable breakthrough in today's world of dental implantology. The Anatomic Guide™ is steadily becoming the gold standard when it comes to bone reduction guides due its small size, superior strength, stability and minimally invasive surgical flap requirements.

Table of Contents

• <u>Introduction</u>	3
• <u>360Imaging Anatomic Guide™</u>	4
• <u>360Imaging Team Approach</u>	8
• <u>Anatomic Guide™ Workflow</u>	9
• <u>About 360Imaging</u>	17

Give Your Practice the Technological Edge It Deserves with the Anatomic Guide™ Streamlined Workflow

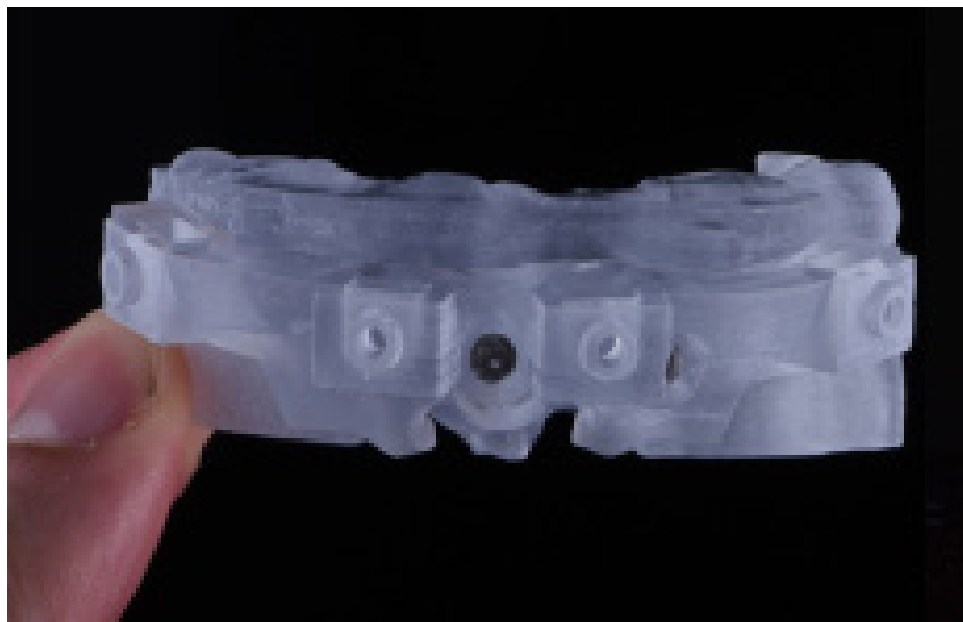
More than 36 million Americans are missing all of their teeth (*). Among senior citizens, about 23 million are completely edentulous and 12 million are edentulous in one arch (*). These numbers are expected to grow over the next 20 years, and so are the numbers of people looking for a quick, comfortable and esthetically-pleasing restorative replacement for their missing teeth.

With 360Imaging Anatomic Guide™ streamlined workflow, immediate loading of temporary prostheses in both arches is possible in just under 3 hours. Our Team Approach provides seamless coordination between the oral surgeon, prosthodontist, dental lab and 360Dentist. This comprehensive approach dramatically reduces time, effort and stress for all parties involved. 360Imaging Anatomic Guide™ workflow eliminates the guesswork from the equation, making for a faster, safer and more comfortable full arch rehabilitation surgery.



(*) National Center for Health Statistics (NCHS) Data Brief No. 197, May 2015

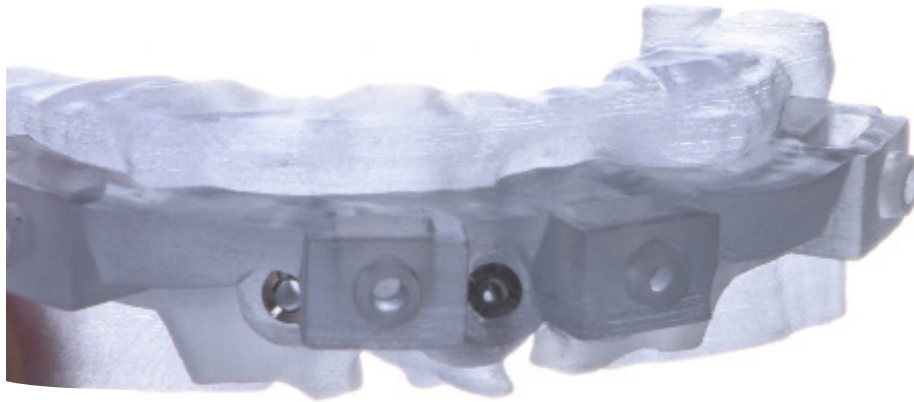
360Imaging Anatomic Guide™: The Smallest, Strongest Surgical Bone Reduction Guide



Our game-changing Anatomic Guide™ has raised the bar for the industry by reducing the time needed for dual arch rehabilitation by more than 50%.

Small Size & Light Weight

We have utilized decades of compiled experience from our partners of dentists and innovators to design a patented bone reduction guide that is 75% smaller than any other guide without sacrificing accuracy or strength.



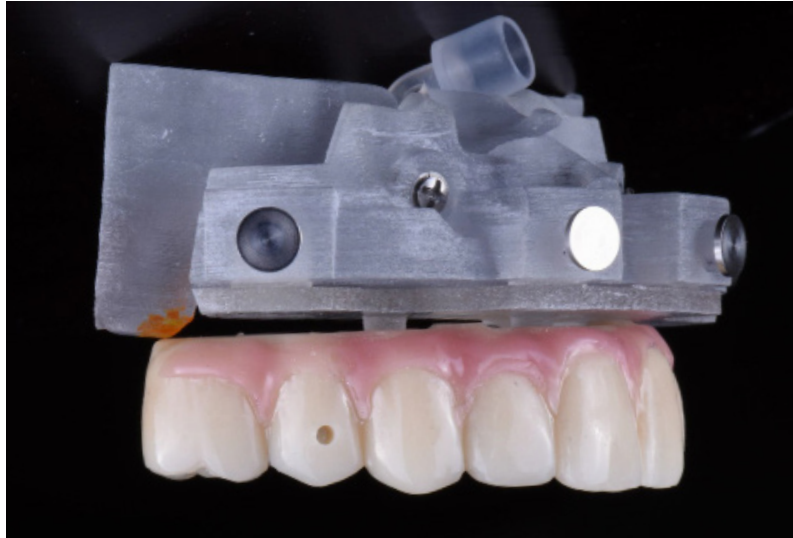
Best Fit & Accuracy

Using state-of-the-art production technology and materials, our Anatomic Guide™ utilizes the often neglected bony undercut space. This feature maximizes the available work area, increases visibility and facilitates irrigation during surgery.



Superior Stability & Support

Due to its anatomic accuracy, the Anatomic Guide™ embraces the facial cortical bone intimately, providing superior stability across the arch.



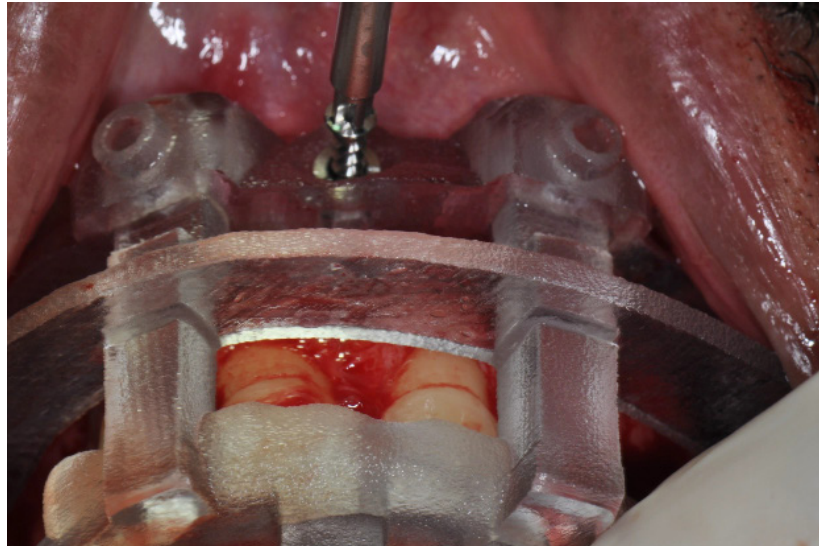
Intimate Seating

Instead of the standard 12-14 mm distance between conventional guides and the bone, only 2-3 mm are required for the much smaller Anatomic Guide™.



Metal Screw Locking System

Moreover, it is engineered to be screwed directly into the bone with short metal screws; providing a threefold increase in support, and eliminating rocking as well as cantilever effects.



Minimal Flapping

Thanks to its mechanical advantages, the placement of Anatomic Guide™ only requires a facial flap to be raised; no lingual or palatal flaps are necessary. This allows for faster healing time, and significantly reduces postoperative pain and discomfort for the patient.



360Imaging Team Approach



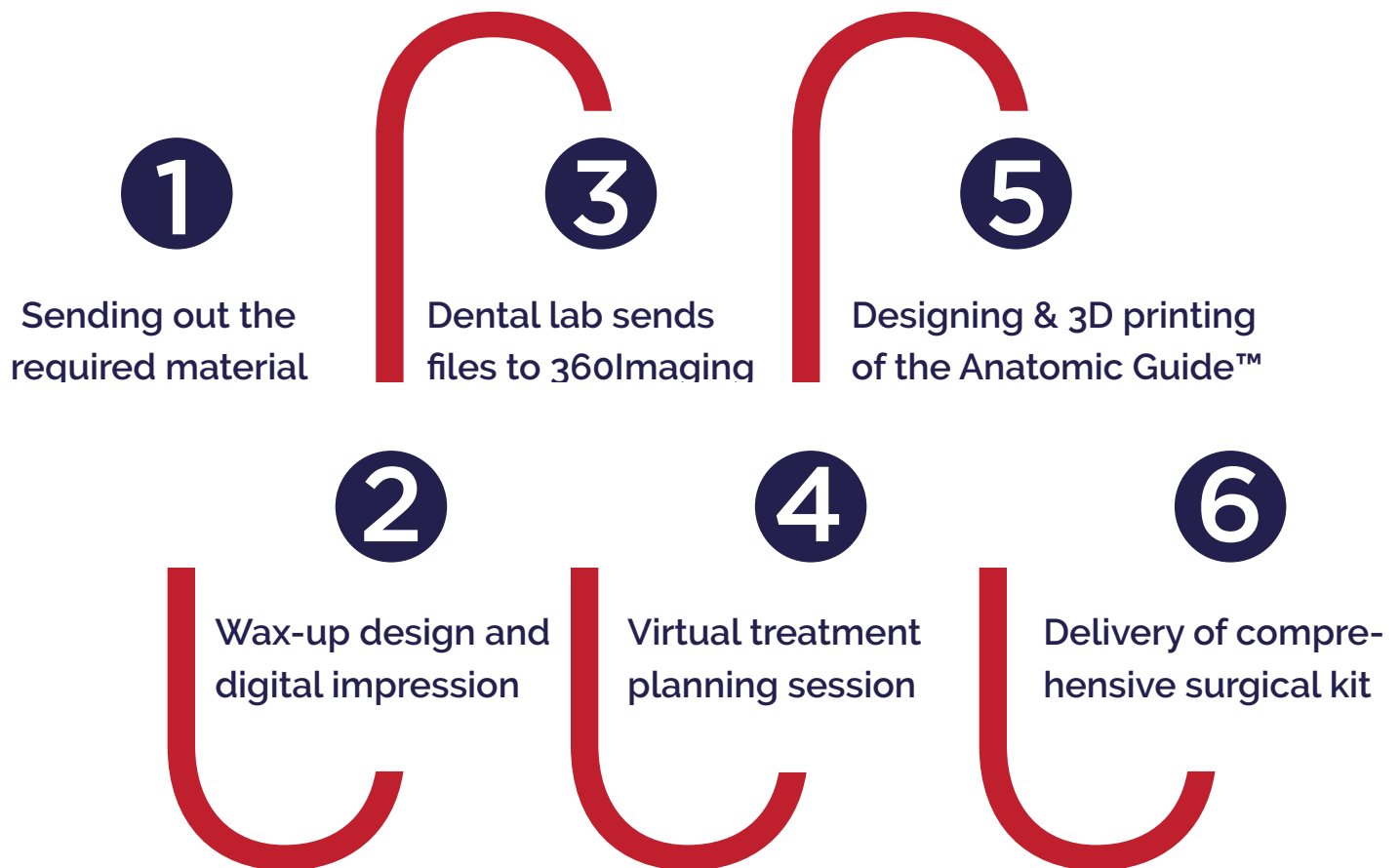
Treatment planning can be a time consuming endeavor; particularly for complex, full arch cases. 360Imaging team approach allows you to delegate the implant planning phase which is a huge time-saver. Most 3D guided treatment planning is done by technicians employed by a dental lab or a service provider. At 360Imaging, our highly-trained dentists are the ones who carry out the treatment planning, so you can rest assured that you are getting the support and expertise of dental professionals who appreciate the subtleties of the often complex full arch rehabilitation. To put it shortly, our 360Dentists understand your needs from the same side of the chair; a unique service that you won't find anywhere else.

Who are the team members?

- General dental practitioner
- Prosthodontist
- Oral surgeon
- 360Imaging-certified dental lab
- 360Dentist

360Imaging Anatomic Guide™ Workflow

This streamlined workflow seamlessly incorporate our tools with our team approach to get everything you need for surgery delivered in 6 easy steps:



1. Sending out the required material

To start off, you will need to send us a number of items by post, via 360 Courier™ or in some instances, a combination of both. 360 Courier™ is our own HIPAA-compliant, cloud-based software through which we coordinate our teamwork. This platform works as a database for your cases and is designed to give the dental team flexible access while maintaining patient confidentiality. Here you can upload large image files, customize your case, track the status of your order and communicate with your team. The required material will depend on each individual case, as outlined below:

Requirements for Anatomic Guide for pre-prepared prosthesis (PPP) case for dentate patients

New order

Services Order info Files Place order

Case information

First name Last name

Birth date Gender ☒ Male ☐ Female

☐ No surgery date Surgery date

Model send date Due date

Planned surgical procedure

Implant system Surgical kit

Software Temporaries type

Shade Prosthetic lab

☐ Analogue model
☐ Anatomical guide
☐ All in one surgery

Order information

Lab name
360 Imaging

Notes

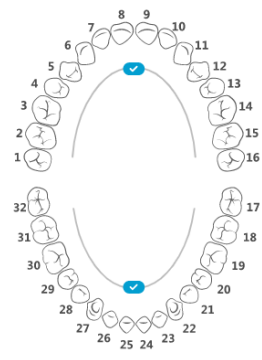
Surgical information

Guide type Support type

Print option
360Imaging

Operation

☒ Select teeth for operation
☐ Select teeth for extraction

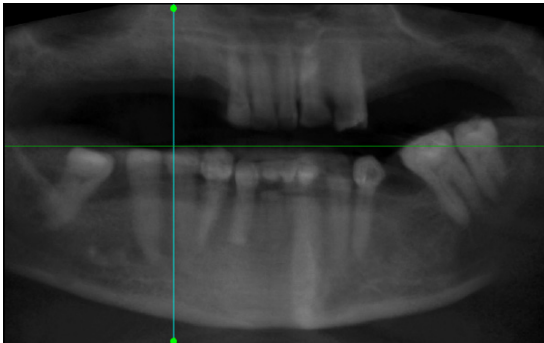


Back Next

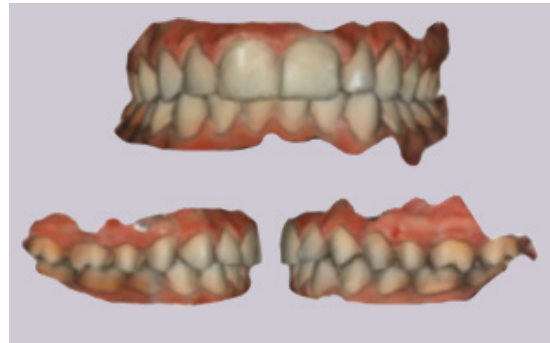
360 Courier™

Files to send via 360 Courier™:

CBCT scans (in DICOM format, multiple slices)



Digital intraoral scan of the upper, lower, and bite (in STL format, open shell)



Diagnostic photos (i.e. midline, incisal edge, tooth shade & shape)



Profile photos (i.e. lip line at rest, normal & high smile lines)



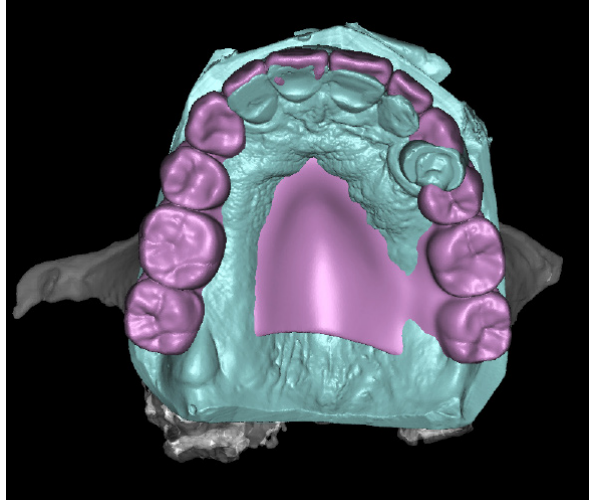
Items to mail to the dental lab if intraoral scan is not available:

- PVS impression (upper & lower arches) or cast (centric bite)
- Complete restoration requests (i.e. midline, vertical & prosthetic description)

Requirements for full arch (completely edentulous) provisional case

Files to send via 360 Courier™:

- Dual scan file for denture with markers
- Dual scan file for patient wearing the denture with markers



Digital wax-up and impression (360dps™)

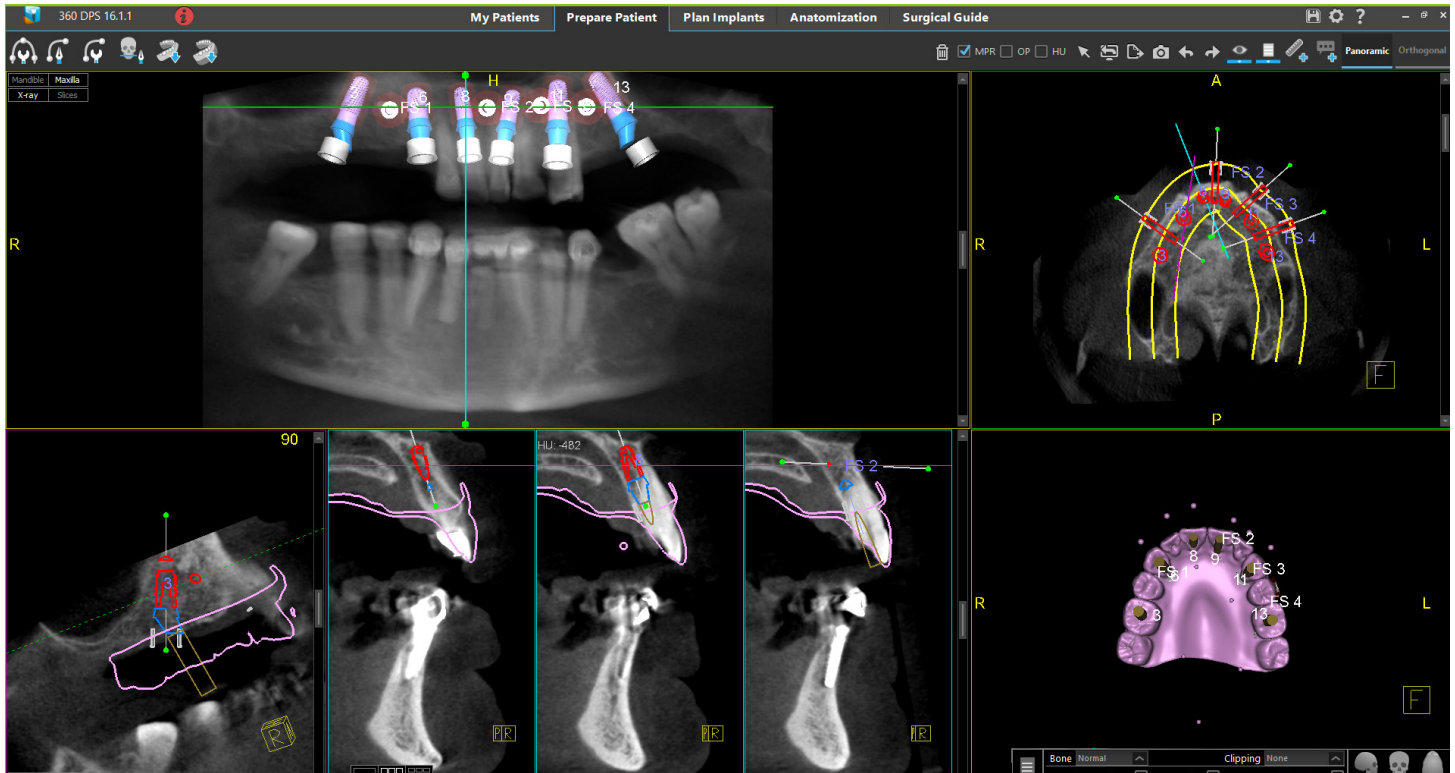
2. Wax-up design and digital impression

A 360Imaging-certified dental lab will digitally prepare the teeth emulation by overlaying the 2D digital smile design onto the 3D intraoral scan and send it for approval. You can easily check everything on 360 Courier™ from your PC or smart device. With over 50 certified labs across the US, our Certified Lab Program offers hands-on training in digital treatment planning for our lab partners helping them stand out from the crowd with cutting edge technology and inside know-how.

3. Dental lab sends files to 360Imaging

Once approved by you, the lab will send the digital wax-up and impression STL files to 360Imaging via 360 Courier™. A 360Dentist works with the lab to plan the case via our dental planning software. 360dps™ is an open-ended architecture platform which is compatible with all current CBCT units and intraoral scan files. Moreover, 360dps™ accepts Planmeca and Carestream treatment planning files, allows cross-platform surgical guide design and is compatible with all major implant manufacturers

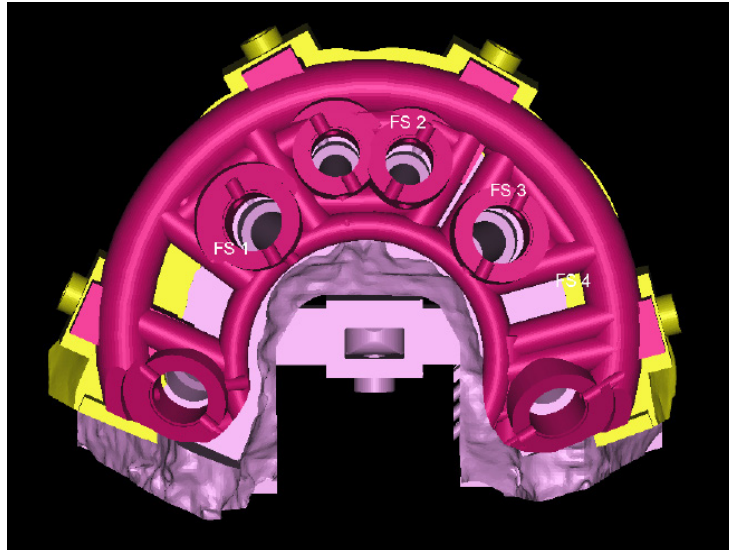
4. Virtual treatment planning session



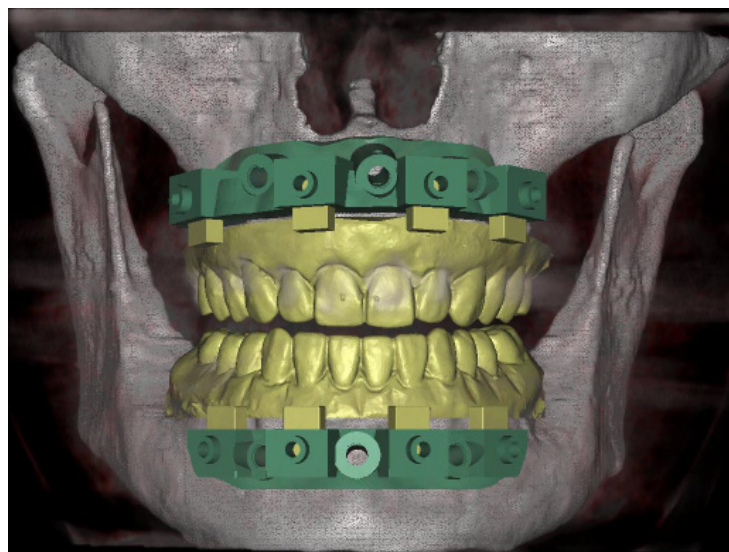
Guided surgery treatment plan (360dps™)

A fully-detailed plan report is generated via 360dps™ at this stage and a conference call is scheduled to discuss the proposed treatment plan. 360Imaging coordinates a virtual consultation session between the GDP, oral surgeon, restorative dentist, laboratory technician and a 360Dentist. The digital plan is reviewed clinically and biomechanically. All parties sign off on the case in order to proceed to the next stage.

5. Designing & 3D printing of the Anatomic Guide™



360imaging then designs and 3D prints the Anatomic Guide™ and all necessary parts for the case according to the specifications of the treatment plan. Afterwards, the digital STL files and the 3D-printed components are sent to the lab to begin manufacturing the PMMA provisional restoration. Using CAD/CAM technology, the PMMA prosthesis is milled in the lab. The prosthesis, Anatomic Guide™ and surgical guide are stacked together and mounted on the diagnostic model using latches in order to pre-verify the design before delivering them to you.



Surgical guide design

6. Delivery of comprehensive surgical kit

The verification process is complete, and a comprehensive surgical kit is directly delivered to the dental office prior to surgery. We aim to get the kit delivered to you in approximately 10 business days. The comprehensive surgical package includes:

- Anatomic cast/analog model
- Articulation piece
- Vertical mount
- Anatomic Guide™
- Surgical guide for implant placement
- Metal pins, fixation screws/pilot
- Temporary PMMA provisional with latches (pre-drilled and pre-cut cylinders)



Comprehensive surgical kit

The patient then undergoes surgery guided by the 360Imaging plan report, stackable Anatomic Guide™, vertical mount and surgical guide. All guesswork is eliminated since the angle, depth and rotation of each implant, abutment and sleeve is predetermined. The 360Imaging drilling protocol lets you know which drilling tool to be used, total drilling depth and tube-adapter drill sequence. Thanks to our Anatomic Guide™, the patient receives their PMMA provisional restoration which can be immediately loaded, leaving with a new and improved smile on the same day of surgery. Pending surgical procedures such as tooth extraction or potential bone grafting, single full arch rehabilitation can be performed in just under 90 minutes, cutting down the overall time surgery time by more than 50%.

360 Surgical Guide Drill Protocol



Tooth#	3	6	8	9	11	13
Implant Manufacturer	Zimmer	Zimmer	Zimmer	Zimmer	Zimmer	Zimmer
Implant Product Line	TSV MTX	TSV MTX	TSV MTX	TSV MTX	TSV MTX	TSV MTX
Implant Product Number	TSVWB11	TSVWB8	TSVB8	TSVB8	TSVWB10	TSVWB11
Implant Diameter	4.7	4.7	3.7	3.7	4.7	4.7
Implant Length	11.5	8	8	8	10	11.5
Sleeve Name	Zim 5.3 - 4.0	Zim 5.3 - 4.0	Zim 4.2 - 4.0	Zim 4.2 - 4.0	Zim 5.3 - 4.0	Zim 5.3 - 4.0
Sleeve Length (mm)	4.00	4.00	4.00	4.00	4.00	4.00
Sleeve Offset (mm)	4.50	5.00	5.00	5.00	6.00	4.50
Tool Height	1.00	1.00	1.00	1.00	1.00	1.00
Total Drill Depth	22.25	19.25	19.25	19.25	22.25	22.25
Drill To Use	22	19	19	19	22	22
HU Inside	507 HU	698 HU	780 HU	660 HU	545 HU	292 HU
HU Around	541 HU	670 HU	971 HU	881 HU	525 HU	337 HU
Tube adapter-Drill	2.3B - 2.3	2.3B - 2.3	2.3A - 2.3	2.3A - 2.3	2.3B - 2.3	2.3B - 2.3
Tube adapter-Drill	3.4B - 3.4/2.8	3.4B - 3.4/2.8	2.8A - 2.8	2.8A - 2.8	3.4B - 3.4/2.8	3.4B - 3.4/2.8
Tube adapter-Drill	3.8B - 3.8	3.8B - 3.8	3.4A - 3.4/2.8	3.4A - 3.4/2.8	3.8B - 3.8	3.8B - 3.8
Tube adapter-Drill	4.4B - 4.4/3.8	4.4B - 4.4/3.8	N/A	N/A	4.4B - 4.4/3.8	4.4B - 4.4/3.8
Driver/Implant Holder	N/A	N/A	N/A	N/A	N/A	N/A
Drill Depth Control	Yes	Yes	Yes	Yes	Yes	Yes
Implant Placement Control	No	No	No	No	No	No
Notes	N/A	N/A	N/A	N/A	N/A	N/A
Optional Free-hand Drilling	N/A	N/A	N/A	N/A	N/A	N/A

Want fuss-free surgery? Go with the flow!

Our easy to follow 360Imaging workflow for the Anatomic Guide™ helps you streamline the guided surgery process and manage the treatment planning phase for your full arch rehabilitation cases more efficiently. You will feel more confident in your practice knowing that you are always supported by a team of 360Imaging experts every step of the way. Together, we get rid of undue surgery day stress with our team-oriented, step-by-step workflow procedure that is practical, preplanned and predictable.

360Imaging Full Suite of Services and Products

We offer a full range of integrated high-tech services and products that can either be used together or separately:

- 360dps™ Dental Planning Software
- 360TX Treatment Planning Services
- In-office 3D printing solutions
- 360 Courier™ HIPAA-compliant platform
- 360 pilot, tooth-supported, tissue-supported and bone-supported surgical guides
- Full radiology reports by board certified OMRs
- 360 Anatomic Guide™



BY DENTISTS, FOR DENTISTS

360Imaging has been a steadfast pioneer in the field of guided surgery since 2007. Over the years, we have endeavored to help dentists do their best work by providing them with the most advanced solutions in the market. It is this determination that keeps us at the forefront of computer-guided surgery.

To learn more, visit our website:
www.360imaging.com

Scan this code to book a free demo

