



Certain® Tapered and Parallel Walled Implants

The Navigator® System

for Guided Surgery





Accelerate Implant Treatment

Take the complexity and inaccuracies out of guided surgery and give your patients the option to come for an implant surgery and leave with a functioning provisional restoration. ZimVie Dental's Navigator System for Guided Surgery helps make it possible to accelerate patient provisionalization for both full-arch and single-unit cases.^{1,2} A key benefit of using the Tapered Navigator System is the option to use the surgical guide to create a preoperative master cast and a fixed provisional restoration in the laboratory prior to the day of implant surgery. With the Navigator System's open architecture, clinicians can utilize its precise instrumentation in combination with the treatment planning software and/or surgical guide manufacturer of their choice. This may allow the clinician to insert a provisional restoration immediately following implant placement using the Surgical Guide to provide the patient with aesthetic and functional teeth the same day.

The number of clinicians utilizing the benefits of Computed Tomography (CT) and digital treatment planning continues to grow, and the Navigator System was developed in response to the need for more accurate and efficient guided procedures. The downfall of many guided systems today is inaccuracy, but the Tapered Navigator System continues to accurately reflect the CT-based treatment plans.³

From flapless procedures using tissue-supported or tooth borne guides to bone-supported guides, the Navigator System can provide the accuracy needed to confidently deliver implant treatment to your patients with **four levels of guided control**:

1 Angulation for improved restorative outcomes

All instrumentation is diameter specific and designed to work with the exact dimensions of ZimVie Dental Certain and Prevail® Implants and Navigator Master Tubes to provide accurate control of instrument and implant angulation.

1

2 Depth control for security when working near vital anatomy

Drills are depth specific with definitive depth stops for precise osteotomy preparation. There is no need for adjustable depth control measures, loops, calipers, or to search for the correct line.

2



3 Hex orientation for immediate provisionalization

Allows the laboratory to pour a preoperative master cast and orient the implant analogs as the implants will be positioned on the day of surgery to support immediate provisionalization.

4 Position for soft-tissue maintenance

Provides accuracy of pre-planning and implant placement for appropriate implant spacing in multiple-unit cases and with neighboring dentition, while supporting the option of minimally invasive (flapless) surgery as well as the delivery of a laboratory-made provisional prosthesis immediately following implant placement.

Increased Communication

In addition to its accuracy and control, the beauty of the Navigator System is that it includes both a Surgical Kit and a Laboratory Kit, which facilitates increased communication amongst the entire implant treatment team. The comprehensive yet intuitive kits smartly put the necessary instrumentation at your fingertips.

The provisional restoration may be fabricated using a variety of provisional components. These components and the manual guidelines were developed to provide a simple solution for delivery of an accurately fitting provisional restoration on the day of surgery, regardless of potential error from CT scan data, cast fabrication, or implant placement. When selecting the provisional component to use, it is important to identify the type of definitive restoration and the abutment system that will be used to create it. The chart below includes recommendations that a clinician may want to consider for provisional component selection dependent upon the type of definitive restoration planned.



Provisional Component Selection Guide

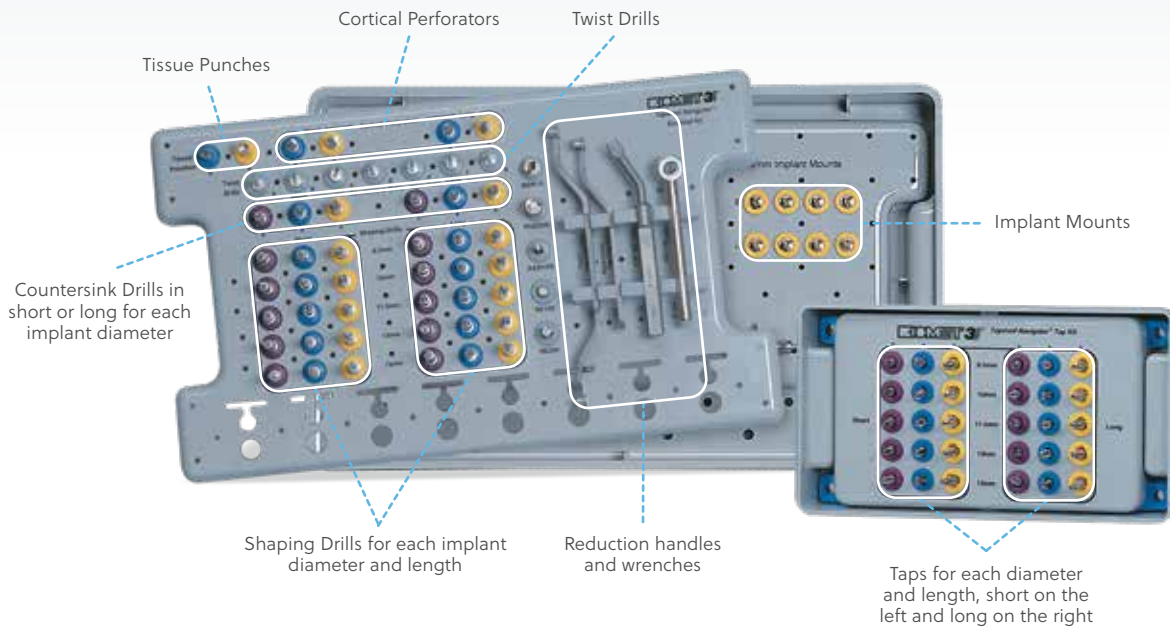
Provisional Component	Seating Platform	Provisional Restoration	Definitive Restoration
PreFormance® Posts	Direct to Implant	Cement-Retained	Cement- or Screw-Retained
PreFormance PEEK or Titanium Temporary Cylinders	Direct to Implant	Screw-Retained	Cement- or Screw-Retained
QuickBridge® Provisional Restoration Components	Abutment Level (for low profile abutments only)	Cement-Retained	Screw-Retained

Kits and Instruments

We offer both a Tapered and a Parallel Walled system to correspond to the macrogeometry of the implant being placed.

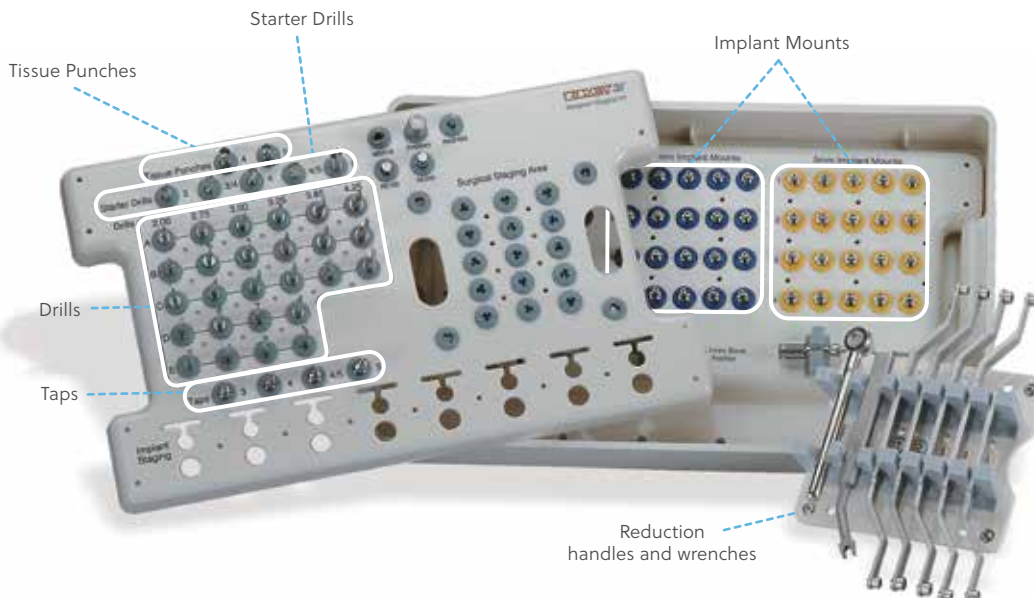
Tapered Navigator Surgical and Tap Kits

Catalog Number	Product
SGTIKIT	Tapered Surgical Kit



Parallel Walled Navigator Surgical Kit

Catalog Number	Product
SGKIT	Parallel Walled Surgical Kit



Laboratory Components



Tapered Navigator Laboratory Kit

Catalog Number	Product
SGTILKIT	Tapered Laboratory Kit

- Compatible with:
- Tapered Certain 3.25, 4.0, and 5.0 mm diameter implants
 - Tapered Prevail 4/3 and 5/4 mm diameter implants



Parallel Walled Navigator Laboratory Kit

Catalog Number	Product
SGLKIT	Parallel Walled Laboratory Kit

- Compatible with:
- Parallel Walled Certain 3.25, 4.0, and 5.0 mm diameter implants
 - Parallel Walled Prevail 4/3 and 5/4 mm diameter implants

Navigator Master Tubes

Catalog Number	Product
SGMT44	Navigator Master Tube (Pack of 25) 4.1 mmD x 4.0 mmH
SGMT54	Navigator Master Tube (Pack of 25) 5.0 mmD x 4.0 mmH

One of the most important features of the Navigator System is the OEM Master Tubes. They are developed specifically to provide instrument guidance and depth control, and are held to extremely tight tolerances for system accuracy. The Master Tubes are positioned in the Surgical Guide by the Surgical Guide Manufacturer. A peg on the side of the analog mount engages one of the slots on the Master Tube to ensure accurate transfer of the hex orientation from the preoperative master cast to the mouth. Instrumentation for the 3.25 mm and 4.0 mm diameter implants are guided by the blue (4.0 mm) Master Tubes, and the yellow (5.0 mm) Master Tubes are used for 5.0 mm diameter implants.



Professional Guidance on CT Technology

The Navigator System for Guided Surgery has been developed to improve clinicians' ability to plan and implement implant placement with greater accuracy and precision.^{1,2}



Dr. George Mandelaris, Chicago, IL

"My experience with the newly developed ZimVie Tapered Navigator System has been a positive step forward in the arena of CT guided implant surgery. The ability to deliver tapered implants with state-of-the-art surface technology through a highly accurate and controlled approach provides more opportunities for me and my patients."



Dr. Richard Mecall, Las Vegas, NV

"With the Navigator System, I now have the option to deliver the provisional prosthesis immediately after surgery. Patients can be more willing to accept treatment knowing they can go home the same day with the smile they came in for."



Dr. John Sisto, Park Ridge, IL

"The Navigator System can save time as compared to traditional surgical procedures. I find that it reduces treatment time, which provides a more efficient use of chair time. The process is very convenient for my patients."



Dr. Dietmar Sonleitner⁴, Salzburg, Austria

"Some cases are like threading a needle. With the Navigator System, I can execute the plan accurately with greater confidence."



Richard Napolitano⁴, Smithfield, RI

"The precision interface of the components in the Navigator Laboratory Kit is remarkable. Being able to create the ideal provisional before surgery means I can take the time to do it right and know it is exactly what the doctor and the patient are expecting."

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Navigator System Benefits

Proprietary Technology for Accurate Guided Surgery

The Navigator System for Guided Surgery works in tandem with planning software and surgical guides to help you deliver faster implant treatment to your patients, in addition to providing the following benefits:

- **Open Architecture Software Compatibility:** Users have the flexibility to choose the planning software and guide manufacturer that best meets their needs.
- **Variable Prolongation:** Optimize the vertical space needed to perform guided dental implant surgery in situations that inherently require longer instrumentation or when working with limited interdental space.
- **Easy-to-Identify Instrumentation and User-Friendly Kit Layout:** Simplify the process for the clinician and staff.
- **Comprehensive Surgical and Restorative Guidelines:** Facilitate the ability to provide a guided solution throughout the entire process, from treatment plan all the way to provisional restoration.
- **Surgical Flexibility:** Available for ZimVie Dental Certain and Prevail Tapered and Parallel Walled Implants.
- **Options to Meet All Restorative Preferences:** Accommodates all case types from single-unit to full-arch cases, as well as many prosthetic options, such as cement- or screw-retained, hexed or non-hexed, straight or pre-angled.



References

1. Del Castillo RA, Peterson T. Treatment of atrophic maxillae with computed tomography (CT) guided implant surgery. JIRD 2011;3(1):44-50
2. Baumgarten HS. CT guided implant treatment: Techniques for successful planning and execution. JIRD 2009;1(1):25-29
3. Data on file of 41 cases performed by 17 clinicians
4. Richard Napolitano, Dr. Dietmar Sonnleitner, Dr. Harold Baumgarten and Dr. Alan Meltzer have financial relationships with ZimVie Dental resulting from speaking engagements, consulting engagements and other retained services.

For more information, visit [ZimVie.com](https://www.zimvie.com)

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