

Glidewell HT™

IMPLANT SYSTEM
Formerly the Hahn™ Tapered Implant System



OPTIMIZED
BY THE LAB,



PERFECTED
BY DENTISTS

glidewell-ht.com

 **Glidewell**
for the sake of smiles

TREAT MORE PATIENTS AND LOWER YOUR COSTS

If you are among the growing number of dentists seeking to expand the implant services you offer patients in your practice, the Glidewell HT™ Implant System can help you succeed with a **simplified surgical procedure, expert lab support, and unrivaled cost savings**. Manufactured in Irvine, California, from high-strength titanium alloy, Glidewell HT Implants are a proven, premium-quality solution that can help you grow your practice while making treatment available to more patients.

- **Cut Your Costs** – Priced at a fraction of comparable implant systems — and saves you 20% on your lab bill when you restore your implant case with Glidewell*
- **Clinically Proven** – 99.2% success rate and 0.2 mm mean bone loss¹
- **Ease of Use** – User-friendly, efficient surgical protocol with length-specific drills that make it easy to achieve the appropriate depth of the implant osteotomy
- **Advanced Design** – Developed in collaboration with Dr. Jack Hahn, the creator of the NobelReplace® implant

Formerly known as the Hahn™ Tapered Implant System, the Glidewell HT Implant System pairs a proven implant design enjoyed by thousands of dentists with support from the most experienced dental lab in the U.S. The low price of the Glidewell HT Implant — combined with the 20% lab discount you enjoy when you partner with Glidewell for the restoration — is designed to dramatically reduce the cost of providing implant treatment with the goal of increasing affordability for patients. With 50 years of restorative experience and an array of online and live CE resources, Glidewell offers the clinical support needed for dentists to take on an expanded range of surgical procedures in the general practice.



The Glidewell HT Implant System is engineered to help dentists succeed in implant dentistry through ease of use, reduced costs and our unwavering commitment to support your practice — from implant placement to final restoration. While you can pay as much as \$500 for other premium-quality implants, the Glidewell HT Implant is a proven, FDA-cleared solution that I'm happy to offer at a fraction of the cost— and you'll save 20% when you restore with our lab.

Jim Glidewell, CDT

Founder and President of Glidewell

Recipient of the 2023 AAID Isiah Lew Memorial Research Award



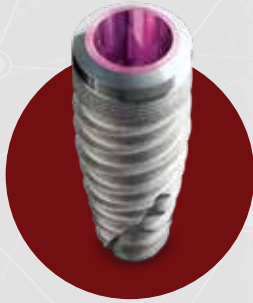
*Discount offered only at Glidewell and cannot be combined with any other special offers. Case must include an implant-level or multi-unit abutment-level impression with a Glidewell HT transfer coping or a digital scan with a Glidewell HT scan body. Impressions over cementable abutments are not eligible for discount.

FREE YOUR PRACTICE FROM OVERPRICED IMPLANTS

Make Treatment More Affordable for Your Patients and Profitable for Your Practice

In keeping with Glidewell's commitment to help clinicians grow their practices and expand patient access to high-quality care, Glidewell HT Implants reduce your surgical expenses and save you 20% every time you restore your case at Glidewell's implant lab. By taking advantage of these unprecedented savings, clinicians can drastically cut the cost of providing implant treatment, while using a proven, reliable system designed by the creator of the NobelReplace implant.

How It Works



PLACE A
GLIDEWELL HT™ IMPLANT



RESTORE YOUR CASE WITH
GLIDEWELL'S IMPLANT LAB



SAVE 20% ON YOUR
IMPLANT RESTORATION*

LIFETIME WARRANTY – FROM IMPLANT TO RESTORATION

For the ultimate peace of mind



PROVEN, TIME-TESTED IMPLANT DESIGN FEATURES

Glidewell HT™
IMPLANT SYSTEM
Formerly the Hahn™ Tapered Implant System

99.2%

SUCCESS RATE¹

0.2 mm

MEAN BONE LOSS IN 2-YEAR STUDY¹

REDUCED MARGINAL BONE STRESS²

Convergent implant neck design minimizes forces on cortical bone.

ENHANCED BIOLOGICAL SEAL^{2,13}

Platform-shifted abutment interface and conical connection provide excellent seal, stability and tissue preservation.

RBM SURFACE TECHNOLOGY³⁻⁵

Resorbable blast media (RBM) surface treatment results in textured, ultra-clean surface that promotes osseointegration.

SWIFT INSERTION⁶

Dual-lead thread pattern with self-tapping grooves.



CRESTAL BONE AND SOFT-TISSUE PRESERVATION^{2,7-9}

Machined collar surface leads to 25-times less biofilm attachment and mitigates peri-implantitis. Coronal microthreads reduce crestal bone loss.

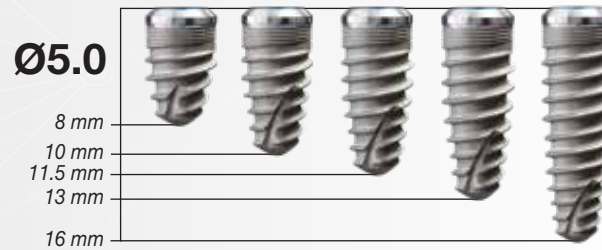
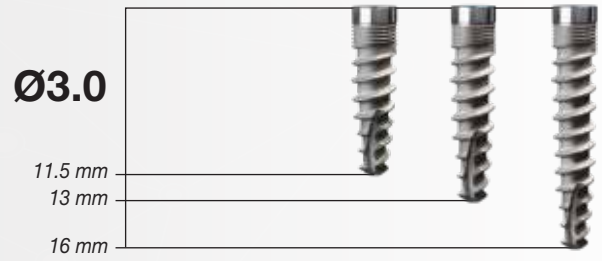
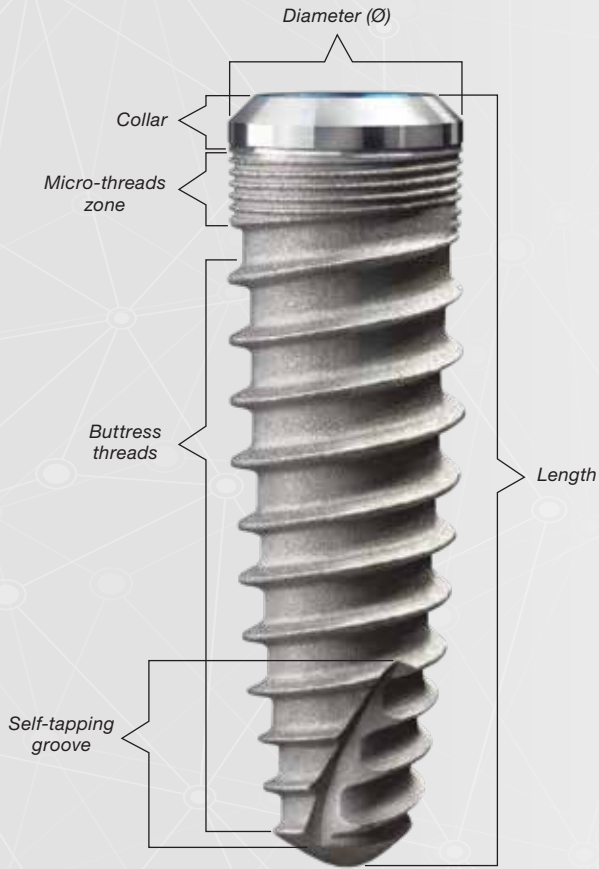
HIGH PRIMARY STABILITY AND DIRECTIONAL CONTROL DURING PLACEMENT^{10,11}

Deep, sharp threads maximize initial stability for immediate load opportunities and long-term success.

TAPERED IMPLANT BODY¹²

Tapered body shape — a design feature originally conceived by Dr. Jack Hahn — eases placement in anatomically constricted areas.

TECHNICAL SPECIFICATIONS



Ø3.0 mm Ø3.5 mm Ø4.3 mm Ø5.0 mm Ø7.0 mm

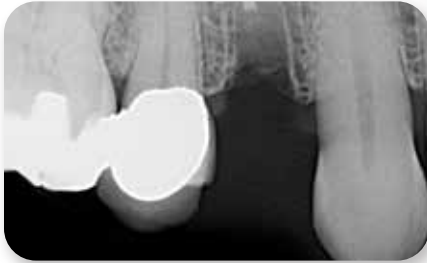
Each Glidewell HT™ Implant is packaged with a titanium carrier designed for easy delivery, color-coded by implant diameter.

SIMPLIFY IMPLANT SURGERY — FROM SINGLE UNITS TO THE FULL ARCH

Extraction with Immediate Implant Placement

Achieve high primary stability and natural-looking results

Clinical dentistry by Jack A. Hahn, DDS



The patient's existing crown had fractured and separated from the root of tooth #5



The tooth root was extracted atraumatically, and a Glidewell HT™ Implant was threaded into the prepared socket site at the same appointment



Beautiful final BruxZir® restoration enabled by high primary stability and excellent soft-tissue maintenance

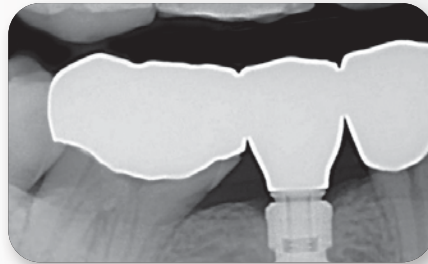
Single-Unit Posterior

Streamlined surgical protocol and pronounced thread design simplify implant placement

Clinical dentistry by Justin Chi, DDS, CDT



Edentulous posterior space



Restoration of 4.3 mm x 11.5 mm Glidewell HT Implant

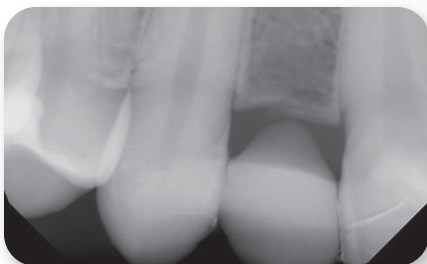


Final BruxZir screw-retained crown

Limited Space

Narrow-diameter 3.0 mm implant allows for restoration of thin ridges and tight interproximal spaces

Clinical dentistry by Jack A. Hahn, DDS



Congenitally missing lateral incisor



Ø3.0 mm Glidewell HT Implant



Final restoration of tooth #7

A VERSATILE SOLUTION

Edentulous Ridges

Flexible positioning, precise control during placement and ease of placement in limited space ideal for long-span and full-arch cases

Clinical dentistry by Paresh B. Patel, DDS



Patient presented with terminal dentition and agreed to full-arch implant treatment



Deep, sharp threads of the Glidewell HT Implant helped maintain proper position in extraction sites



Final BruxZir Implant Prosthesis in place over eight Glidewell HT Implants

View these and other clinical cases at glidewell-ht.com.

GLIDEWELL HT™ SURGICAL AND PROSTHETIC INSTRUMENTATION

The instrumentation kits allow the clinician to easily organize, transport, and sterilize the surgical and prosthetic tooling. The autoclavable kits have been designed for ease of use, with component markings for easy identification.



Surgical Kit

Color-coded surgical kit and drills clearly map the drilling protocol for each implant.



Prosthetic Kit

Helps to simplify restorative procedures.

All instrumentation is manufactured in the U.S.A. or Switzerland. For specific country of origin, please refer to the individual item label.

MAXIMIZE EFFICIENCY WITH GLIDEWELL HT™ GUIDED SURGERY

Featuring a simplified surgical protocol and engineered for maximum precision, the **Glidewell HT™ Guided Surgery System** allows clinicians to place Glidewell HT Implants in the safest, most efficient manner possible while reducing surgical and restorative costs.



- The Glidewell HT Guided Surgical Kit includes a straightforward, user-friendly drilling sequence
- Drills include built-in depth stops and diameter-specific sizes that eliminate the need for guide keys or handles
- Fully guided from start to finish, with a single kit for 3.0, 3.5, 4.3 and 5.0 mm Glidewell HT Tapered Implants
- Take advantage of Glidewell HT bundle pricing with Glidewell Digital Treatment Planning and achieve a predictable, restorative-driven outcome

All instrumentation is manufactured in the U.S.A. or Switzerland. For specific country of origin, please refer to the individual item label.

OPTIMIZE YOUR RESULTS WITH GLIDEWELL DIGITAL TREATMENT PLANNING



To make the most of your Glidewell HT system and execute an efficient, prosthetically driven surgical procedure, choose Glidewell **Digital Treatment Planning** for your guided surgery cases, from single-unit restorations in the esthetic zone to full-mouth reconstructions with immediate provisionalization.



DTP
DIGITAL TREATMENT PLANNING

Lower your costs with the **Glidewell HT Digital Treatment Planning Bundle**, which includes a surgical guide, Glidewell HT Implant, healing abutment and a transfer coping or scan body.

Learn more at glidewell.com/dtp

COMPREHENSIVE PROSTHETIC OPTIONS...

The Glidewell HT Implant System includes a comprehensive assortment of prosthetic components designed to facilitate the full range of traditional and contemporary restorative protocols. All Glidewell HT Implants feature a conical internal hex connection for a secure prosthetic seal.



Contoured Healing and Matching Transfers

Contoured to prepare the soft tissue for a more natural emergence profile, Glidewell HT Implant Healing Abutments are available in multiple heights to accommodate varying gingival thickness. When healing is complete, precisely capture the gingival anatomy with a matching impression coping for a predictable, esthetic result.



Esthetic Abutment Solutions

With contoured margins specifically designed for anterior and posterior regions of the mouth, straight or angled Glidewell HT Implant Titanium Esthetic Abutments are ideally suited for most cementable crown-and-bridge applications. For CAD/CAM restorations, Glidewell excels in producing precise-fitting custom abutments from Glidewell HT Implant scans as well as analog impressions.



Restoring the Edentulous Arch

For fully edentulous patients, the Glidewell HT system includes multi-unit abutments in straight and angled configurations for fixed restorations, while LOCATOR® Abutments are available for implant overdentures. Both options are supported by a full line of prosthetic accessories.



Additional Solutions

Optimized for digital restorative workflows, the Glidewell HT Implant System includes titanium scan bodies that simplify intraoral scanning and enhance digital impression accuracy. The system also features an assortment of temporary abutments, UCLA abutments and more.

SIMPLIFIED BONE GRAFTING SOLUTIONS



To complete your implant armamentarium, choose Newport Surgical™ as a simplified set of high-quality bone grafting materials, membrane and instruments for reliably performing a wide array of bone grafting procedures.



Learn more at glidewell.com/newportsurgical or call 888-303-3975

GLIDEWELL AND THE RESNIK IMPLANT INSTITUTE

Glidewell has been a partner of the world-renowned Resnik Implant Institute, which has educated over 6,000 dentists in implant placement and restoration based on research-based principles, since 2016. The Glidewell HT™ Implant serves as the official implant of the institute, and is used during the hands-on and clinical courses to teach dentists straightforward surgical protocols.



Jim Glidewell with Dr. Randolph Resnik, chief of staff and surgical director of the Resnik Implant Institute.



The Glidewell HT Implant System is the exclusive implant utilized during Resnik Institute courses. The implant thread design features an excellent cutting edge that provides predictable implant insertion, and the surgical kit supports a simplified surgical protocol that helps dentists perform the full range of surgical procedures with confidence.



It has simplified the surgical and the prosthetic protocol immensely. With the Glidewell HT system, each implant has a specific final drill, so you don't need drill stops. You don't have to look at the black lines. It makes implants so easy.

– Randolph R. Resnik, DMD, MDS

Chief of Staff and Surgical Director of the Resnik Implant Institute

POWERFUL SOLUTIONS FOR GROWING YOUR PRACTICE

When you choose the Glidewell HT Implant, you not only get proven designed features based on 50-plus years of restorative experience — you also have access to valuable training, education and support from Glidewell. Wherever you are in your implant journey, we offer an array of live courses for expanding your skill set through Glidewell Clinical Education as well as our partnership with the prestigious Resnik Implant Institute and support for the AAID MaxiCourse® hosted at our clinical education facilities in Irvine, CA. In addition, we support you with an array of FREE online CE:

- Live and interactive webinars and study club, including exclusive content for Glidewell HT users
- Comprehensive library of on-demand online courses
- Professionally produced step-by-step technique guides and how-to videos



Glidewell Clinical Education offers numerous live, in-person courses that can help you add valuable new implant procedures to your practice. To register, visit glidewellcecenter.com.

“Because of the high reputation of Glidewell as both a dental lab and implant manufacturer, I was intrigued by their CE programs and decided to attend a two-day course. Their instructors really know how to simplify complex subject matter, and they provided me with the skill I needed to confidently implement the new procedures I learned when I returned to my office.”

– **Stephanie Tilley, DMD**
Pensacola, Florida



ABOUT THE MANUFACTURER

Prismatik Dentalcraft was established in 2006 and includes a carefully assembled team of experts with a proven track record in the design, engineering, and manufacture of dental implants. Bolstered by a support staff of highly respected researchers, material scientists, clinical specialists, and dental technicians, Prismatik is dedicated to advancing implant therapies by combining proven treatment protocols with progressive materials, technologies and techniques.



Vertical Integration

Our ownership of the entire manufacturing process behind our implant products ensures quality and helps reduce costs for our customers.



State-of-the-Art Equipment

Our Swiss-type lathes and CNC milling machines are ideal for implants and prosthetics requiring extreme precision.



Made in the USA

Our ISO-certified facility in Irvine, CA, operates under FDA Current Good Manufacturing Practices (CGMPs).

The Glidewell HT Implant System is manufactured by Prismatik Dentalcraft, Inc., a wholly owned subsidiary of Glidewell Laboratories. Glidewell HT is a trademark of Prismatik Dentalcraft, Inc. All third-party trademarks are property of their respective owners.

REFERENCES

1. Kerr M, Allen B, Park N. Clinical and radiographic evaluation of tapered implants with an aggressive reverse buttress thread and crestal microthreads: a retrospective study. For the full report, visit glidewell.com/ht-2-year.
2. Gracis S, Llobell A, Bichacho N, Jahangiri L, Ferencz JL. The Influence of Implant Neck Features and Abutment Diameter on Hard and Soft Tissues Around Single Implants Placed in Healed Ridges: Clinical Criteria for Selection. *Int J Periodontics Restorative Dent.* 2020 Jan/Feb;40(1):39-48.
3. Germanier Y, Tosatti S, Brogгинi N, Textor M, Buser D. Enhanced bone apposition around biofunctionalized sandblasted and acid-etched titanium implant surfaces. *Clin Oral Implants Res.* 2006 Jun;17(3):251-7.
4. Dohan Ehrenfest DM, Coelho PG, Kang BS, Sul YT, Albrektsson T. Classification of osseointegrated implant surfaces: materials, chemistry and topography. *Trends Biotechnol.* 2010 Apr;28(4):198-206. doi: 10.1016/j.tibtech.2009.12.003. Epub 2010 Jan 29.
5. Kim YK, Kim SG, Kim JH, Yi YJ, Yun PY. Prospective study of tapered resorbable blasting media surface implant stability in the maxillary posterior area. *Oral Surg Oral Med Oral Pathol Oral Radiol.* 2012 Jul;114(1):e19-24. doi: 10.1016/j.tripleo.2011.08.028. Epub 2012 Feb 28.
6. Abuhussein H, Pagni G, Rebaudi A, Wang HL. The effect of thread pattern upon implant osseointegration. *Clin Oral Implants Res.* 2010 Feb;21(2):129-36. doi: 10.1111/j.1600-0501.2009.01800.x. Epub 2009 Aug 25.
7. Hermann JS, Jones AA, Bakaeen LG, Buser D, Schoolfield JD, Cochran DL. Influence of a machined collar on crestal bone changes around titanium implants: a histometric study in the canine mandible. *J Periodontol.* 2011;82:1329-1338.
8. Ormianer Z, Palti A. Retrospective clinical evaluation of tapered screw-vent implants: results after up to eight years of clinical function. *J Oral Implantol.* 2008;34(3):150-60.
9. Goswami M. Comparison of crestal bone loss among two implant crest module designs. *MJAFI.* 2009;65:319-322.
10. Torroella-Saura G, Mareque-Bueno J, Cabratosa-Termes J, Hernández-Alfaro F, Ferrés-Padró E, Calvo-Guirado JL. Effect of implant design in immediate loading. A randomized, controlled, split-mouth, prospective clinical trial. *Clin Oral Implants Res.* 2015 Mar;26(3):240-4.
11. Eraslan O, Inan O. The effect of thread design on stress distribution in a solid screw implant: a 3D finite element analysis. *Clin Oral Investig.* 2010 Aug;14(4):411-6.
12. Alves CC, Neves M. Tapered implants: from indications to advantages. *Int J Periodontics Restorative Dent.* 2009 Apr;29(2):161-7.
13. Moergel M, Rocha S, Messias A, Nicolau P, Guerra F, Wagner W. Radiographic evaluation of conical tapered platform-switched implants in the posterior mandible: 1-year results of a two-center prospective study. *Clin Oral Implants Res.* 2015 Jun 21.



888-303-3975



glidewell-ht.com

Glidewell HT™
IMPLANT SYSTEM
Formerly the Hahn™ Tapered Implant System



**PRISMATIK
DENTALCRAFT, INC.**

2144 Michelson Drive • Irvine, CA 92612, USA