

EXACTECH | KNEE

Performance over time.



Exactech GPS[®]
Guided Personalized Surgery

Exactech[®]


Surgeon focused. Patient driven.[™]

Since 1985, Exactech has looked at clinical challenges through the eyes of a surgeon, because we were founded by one. It's all about working together, focusing on your needs, and then engineering innovative solutions that improve patient outcomes.

Why consider Exactech's advanced surgical technology?

20-25% of TKA patients report dissatisfaction with their surgical outcome.¹ Recent meta-analysis suggests that surgeons can influence many of the factors related to early revisions.¹² Combined with Exactech's clinically recognized knee system, ExactechGPS provides the best of both worlds – a proven implant with the most modern surgical technology.





Control your destination.

ExactechGPS® Guided Personalized Surgery is a powerful, yet compact advanced surgical technology platform that delivers efficiency and reproducibility in total joint replacement.

PERSONALIZED

How do you like to work? ExactechGPS is surgeon directed through a compact, stand-alone touch screen system that easily integrates into the sterile field. Similar to a navigation device in your car, your surgical protocols are displayed in real time within arm's reach.

- **Customized workflows based on surgical preferences**
- **Imageless technology allows for acquisition of optimal anatomical landmarks during surgery**
- **Real-time data to plan, guide and verify**

Operate in real time.

ExactechGPS® merges sophisticated technology with innovative instrumentation to offer a real-time, patient-specific solution for improved patient outcomes.



EFFICIENT

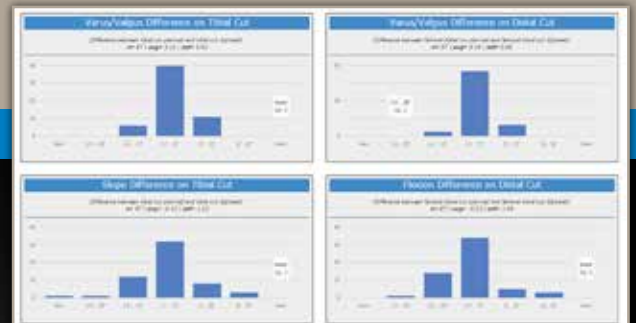
In the O.R., every minute counts. From simplified and faster surgical protocols to improved workflow and flexibility, ExactechGPS allows for easy integration into the operating room. Ergonomically designed, the system provides real-time visual guidance in an intuitive graphical user interface. Not only is the screen easy to read for your entire surgical team, the system provides virtual control within the sterile field.

- Large touch screen and proprietary camera located within the sterile field for easy access and improved line of sight
- Active tracker technology and instrumentation designed to accommodate surgeon-directed workflow
- In a study, ExactechGPS was shown to be time neutral when compared to conventional instrumentation²
- Net instrumentation reduction when compared to conventional TKA³

REPRODUCIBLE

ExactechGPS supports your goals for reproducible outcomes, case after case. Whether you are performing a cruciate retaining or posterior stabilized knee, ExactechGPS accommodates your surgical preferences and soft tissue balancing objectives. Anatomical landmark registration is performed intra-operatively and real-time data is displayed within seconds, creating an empowering surgical experience.

- High level of accuracy and precision⁴
- Supports precise component sizing positioning, including rotation
- Real-time feedback of anatomic and mechanical alignment and resection validation
- Supports advanced ligament balancing strategies



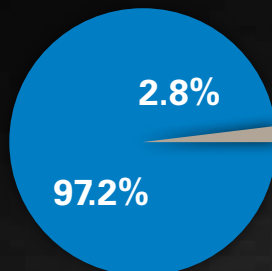
Real-time postoperative reports can be generated for hospital and patient reporting outcomes.



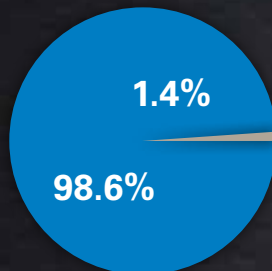
Performance over time.

Offering advanced approaches to total knee replacement with a clinically recognized system of proven implants and personalized surgical workflows, surgeons can have every confidence in the performance of the Exactech Knee system.

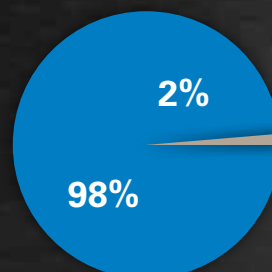
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Reoperative Rate



Geoffrey H. Westrich, MD
Average 7-year follow-up⁵



Ivan A. Gradisar, MD
Average 8.5-year follow-up⁵



Raymond P. Robinson, MD
Average 11.5-year follow-up⁵



Exactech Knee implants feature a strong four decade design lineage and excellent long-term clinical results.⁵



PATIENT SATISFACTION

Various factors can impact the success of total knee arthroplasty. Combined with Exactech's proven knee system, ExactechGPS provides many additional clinical benefits, including eliminating the need for entry of the IM canal⁶ to help reduce risk factors.

- **Computer-assisted surgery has been shown to:**

- Improve short-term outcomes⁷
- Reduce blood loss⁸
- Lower DVT⁹
- Limit pain postoperatively¹⁰
- Shorten length of hospital stay¹¹

IMPLANT LONGEVITY

It is widely known that beyond patient satisfaction, of great importance is implant longevity. The Exactech Knee System offers a clinically recognized system of proven implants with excellent long-term clinical results.⁵ Computer-assisted surgery has been shown to reduce revision rates.¹²

Enhanced marketability.



96 percent of potential TKA patients would seek a surgeon who uses the latest in computer-assisted technology.¹³



Comprehensive consumer marketing program focused on increasing practice growth and improved payer mix.

What factors influence a patient's decision to have total knee replacement surgery? How open are patients to innovative computer-assisted surgical techniques? And how can your marketing program use technology, like ExactechGPS, to drive patient interest?

Exactech offers a comprehensive marketing program exclusively to every ExactechGPS customer to create market awareness, drive patient interest and enhance physician referrals.

Our team can help:

- Build strategic partnerships to market your practice
- Lend marketing expertise that focuses on your marketing objectives
- Offer planning support in creating and implementing an effective communications plan
- Provide a robust toolkit of promotional and educational materials and resources

To learn more, visit www.exactechgps.com

References

1. **Bourne et al.** Patient Satisfaction After Total Knee Arthroplasty: Who Is Satisfied and Who Is Not? *Clin Orthop Relat Res.* 2010.
2. **Pasquale P et al.** (2014) Navigated Total Knee Arthroplasty Is No Slower than Conventional Instrumented TKA. Presented at the 2014 ICJR Transatlantic Orthopaedic Congress.
3. **Data on file at Exactech.** ExactechGPS Main Operative Technique. #712-26-30.
4. **Data on file at Exactech.** ExactechGPS Validation Studies. #062K.
5. **Data on file at Exactech.** Comprehensive Review of Knee Published Reports. #712-25-80 Rev. B
6. **Data on file at Exactech.** ExactechGPS. #510K.
7. **Rebal et al.** Imageless Computer Navigation in Total Knee Arthroplasty Provides Superior Short-Term Functional Outcomes: A Meta-Analysis. *J. Arthroplasty.* 2013 Oct 17.
8. **Conteduca et al.** Blood Loss in Computer-Assisted Mobile Bearing Total Knee Arthroplasty. A Comparison of Computer-Assisted Surgery with a Conventional Technique. *Int Orthop.* 2009 Dec 3.
9. **Siu et al.** Lower Post-operative D-Dimer Level in Navigation-assisted TKA than in Conventional TKA: A Prospective Randomised Control Study. *J Bone Joint Surg.* 2015.
10. **Goheslen et al.** Functional Outcome and Alignment in Computer-Assisted and Conventionally Operated Total Knee Replacement: A Multicentre Parallel-Group Randomised Controlled Trial. *Bone Joint J.* 2014 May 9.
11. **Dutton et al.** Computer-Assisted Minimally Invasive Total Knee Arthroplasty Compared with Standard Total Knee Arthroplasty. A Prospective Randomized Study. *J Bone Joint Surg.* 2008.
12. Australian Orthopaedic Association National Joint Replacement Registry. Annual Report 2014.
13. **Data on file at Exactech.** ExactechGPS Consumer Research Report. #063K.

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