

rediscover™

REGAIN YOUR LIFE™

MAKE YOUR COMEBACK



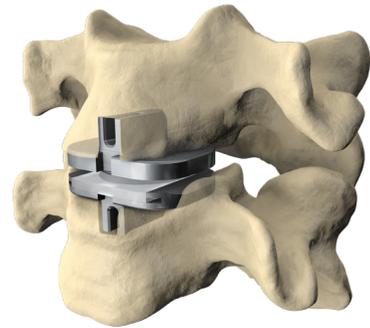
with
prodisc® C

A Patient's Guide

CENTINEL 
SPINE®

"I was in constant pain. It started to affect my daily life and I was unable to play golf. I knew I wanted a total disc replacement in order to maintain my range of motion and continue to function at a high level."

Brian Gay, 4-Time PGA Tour Winner



THERE IS *hope*

- Do you have neck or arm pain and/or a loss of function or neurological symptoms such as numbness or weakness?
- Have you been diagnosed with a herniated disc, osteophytes, osteoarthritis, or loss of disc height?
- Has your surgeon indicated that you might be a candidate for disc replacement surgery?

The *prodisc*[®] C Total Disc Replacement gives you an option.

This brochure is designed to provide you with answers to questions you may have about why **prodisc** may be the best option if you are considering disc replacement surgery or an alternative treatment.



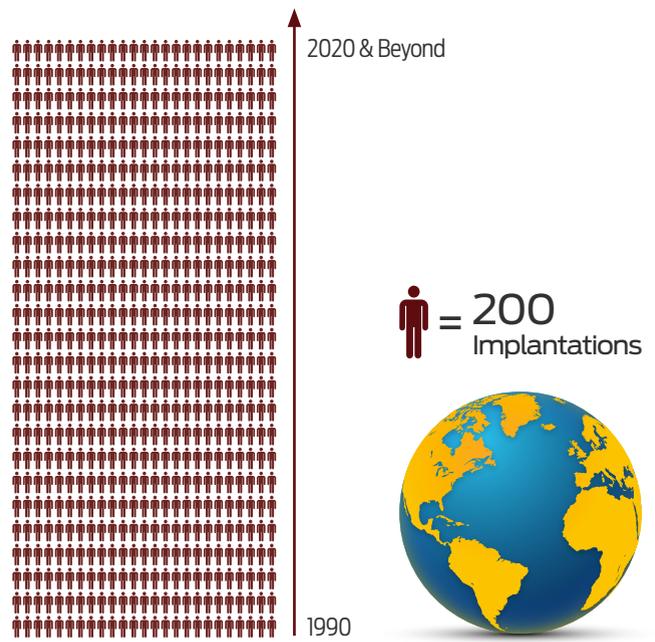
“I’ve been an advocate of **prodisc** from the very beginning. Being a patient myself, I understand what the journey is like. This procedure allows my patients to return to their lives.”

Dr. Robert Masson, Neurosurgeon & prodisc Recipient

WHY CONSIDER **prodisc C**?

The **prodisc C** technology is the most studied and clinically-proven total disc replacement system in the world. Beginning with clinical usage in 1990, the **prodisc** design has been validated with over 125,000 device implantations worldwide and more than 540 published papers.¹

prodisc C has been shown to facilitate a quicker return to active life.² It has also been shown to enable patients to retain their range of motion, enabling the spine to flex over the long-term.

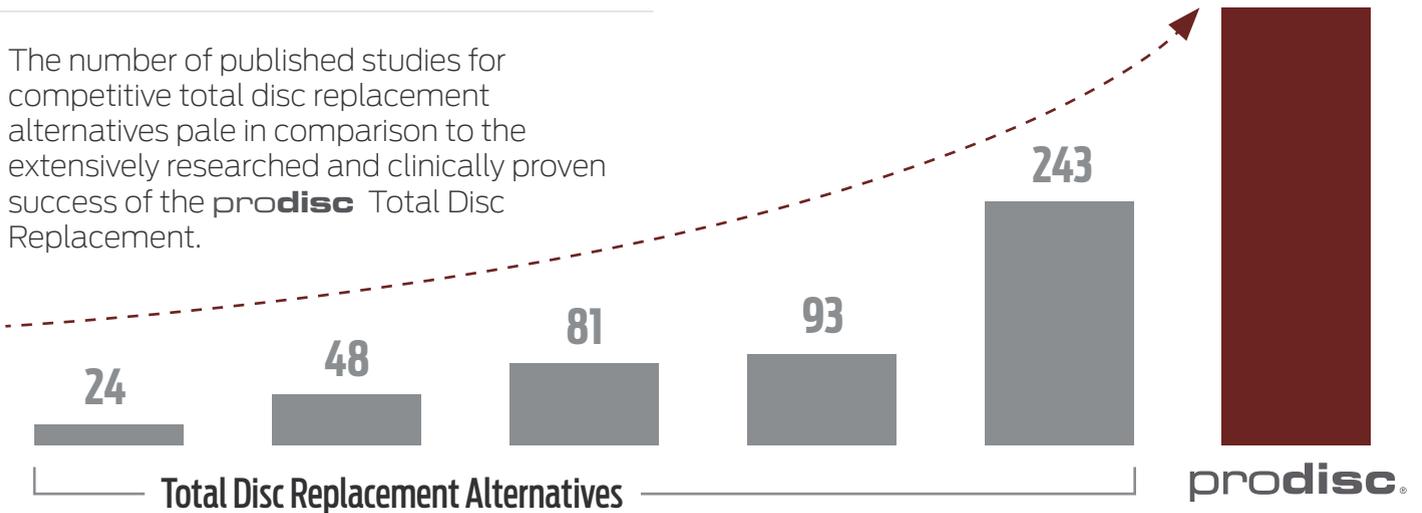


125,000+ **prodisc** Implantations Worldwide Since 1990

the most studied and clinically proven

TOTAL DISC REPLACEMENT IN THE WORLD¹

The number of published studies for competitive total disc replacement alternatives pale in comparison to the extensively researched and clinically proven success of the **prodisc** Total Disc Replacement.



“Before I met my spine surgeon, I didn’t know that **prodisc** was a less invasive option for me. With the total disc replacement, it’s like I’ve never had a neck problem!”

Andrea L., Hollywood Trainer



RETURN TO *active life*

Patients consider a total disc replacement to reduce pain and to provide a means of returning to active life.

Activities appropriate for military personnel were analyzed in a study of active-duty military patients that had received a **prodisc** or a fusion procedure. It was found that while all of the patients returned to active duty, **prodisc** patients returned more rapidly—on average 38% faster.²

The results of this study on young, active military personnel is indicative of the superior clinical results experienced by **prodisc** patients across many published studies.

Results of Study of Active Duty Military Patients that Received a **prodisc or a Fusion Procedure**

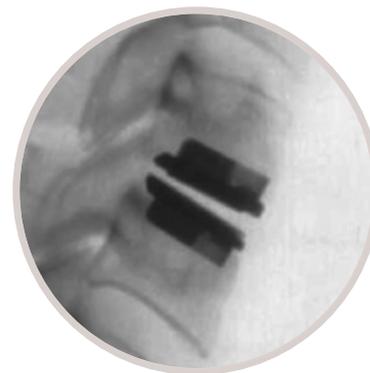
Variable	prodisc C	Fusion
# of Patients	12	12
Average Age	36.5	36.1
# Returned to Full Duty	12	12
Time to Return to Full Duty (weeks)	10.3	16.5



Return to an Active Life



proven SAFETY & EFFECTIVENESS



An Investigational Device Exemption (IDE) study with **prodisc C** was conducted in the U.S. in order to gain FDA approval in 2007. This IDE Study represented the highest level of evidence and compared the use of **prodisc C** to fusion, the standard of care at the time.

“Overall, it appears that total disc arthroplasty with **prodisc C** has similar clinical and patient outcomes, has a higher device survival rate, and is followed by fewer secondary surgical procedures than fusion.”

From 2007 IDE Study³

The IDE Study evaluated the likelihood that a patient would require a re-operation after the implantation of the **prodisc C**. Patients were followed over seven years and monitored for pain relief, mobility, and re-operation.

The resulting published papers showed that:

- **prodisc C** is a safe and effective surgical treatment
- **prodisc C** provides durable results
- Patients treated with **prodisc C** had a 4x lower probability of re-operation

**4X
FEWER
RE-OPERATIONS**

at 7 years compared to fusion
with a plate & bone⁴

“I probably feel better today than when I was 30 years old! Since having **prodisc** implanted, I have no issues with my neck and have full range of motion.”

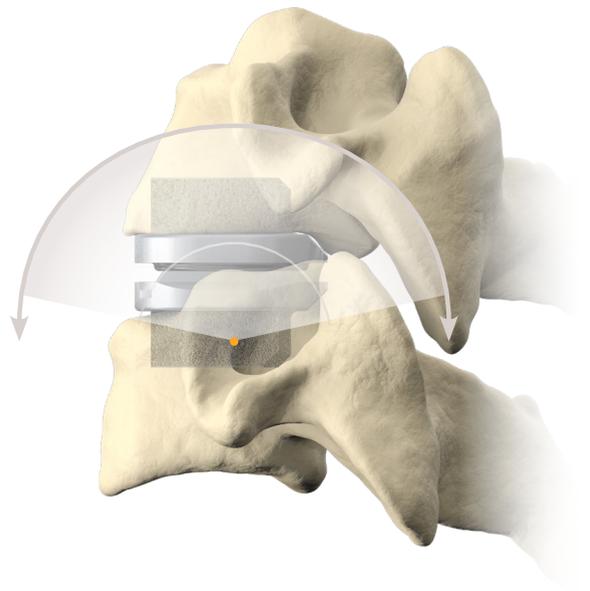
Rory Sabbatini, 6-Time PGA Tour Winner

Rory Sabbatini celebrates his hole-in-one at the 2019 U.S. Open.

prodisc ENABLES *motion*

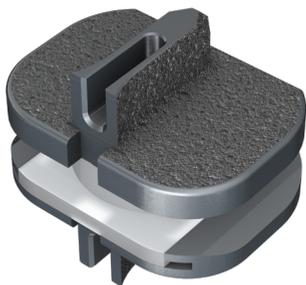
In the past, fusion was typically used to surgically treat patients with spine-related pain or loss of function. However, fusing a segment of the spine ultimately reduces mobility.

prodisc was developed as an alternative to spinal fusion, enabling controlled and predictable motion while providing stability in the spine.



prodisc C summary

prodisc C has been proven to be an effective solution for some individuals suffering from upper extremity or neck pain, loss of function, or neurological symptoms. Results from prodisc C studies over the last 30 years indicate a lower re-operation rate, quicker return to active life, and continued mobility at the operated level of the spine. Studies have also demonstrated high levels of patient satisfaction with the use of prodisc.



REFERENCES:

¹Search performed on Pubmed, Embase, Ovid Medline® covering 1988 – 2018. ²Tumialan, L.M., et al, Arthroplasty in the military: a preliminary experience with ProDisc-C and ProDisc-L. *Neurosurgical focus*, 2010, 28(5); p. E18. ³Murrey D, et al, Results of the prospective, randomized, controlled multicenter Food and Drug Administration investigational device exemption study of the ProDisc-C total disc replacement versus anterior discectomy and fusion for the treatment of 1-level symptomatic cervical disc disease. *The Spine Journal*, 9 (2009), 275-286. ⁴Janssen ME, et al, ProDisc-C Total Disc Replacement Versus ACDF for Single-Level Symptomatic Cervical Disc Disease. *JBJS*, 2015, 97:1738-47.

“By 6 months post-op, I felt like I was functioning at 100%. With prodisc C, I am able to return my patients to full activity—usually within 3 weeks.”

Dr. Todd Lanman, Neurosurgeon & prodisc Recipient



If you have questions...

Speak to your doctor or visit our website.

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REGAIN YOUR LIFE™

www.rediscovermylife.org

For information about obtaining insurance reimbursement for the **prodisc C** Total Disc Replacement procedure, contact our Patient Assistance Line (PAL) at **1-800-264-4623**.

About

CENTINEL SPINE®

CENTINEL SPINE offers a continuum of trusted, brand-name motion-preserving and fusion solutions backed by over 30 years of clinical success—providing the most robust and clinically-proven Total Disc Replacement and Integrated Interbody™ fusion portfolios in the world.



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