

**Persona**<sup>®</sup>

THE PERSONALIZED KNEE

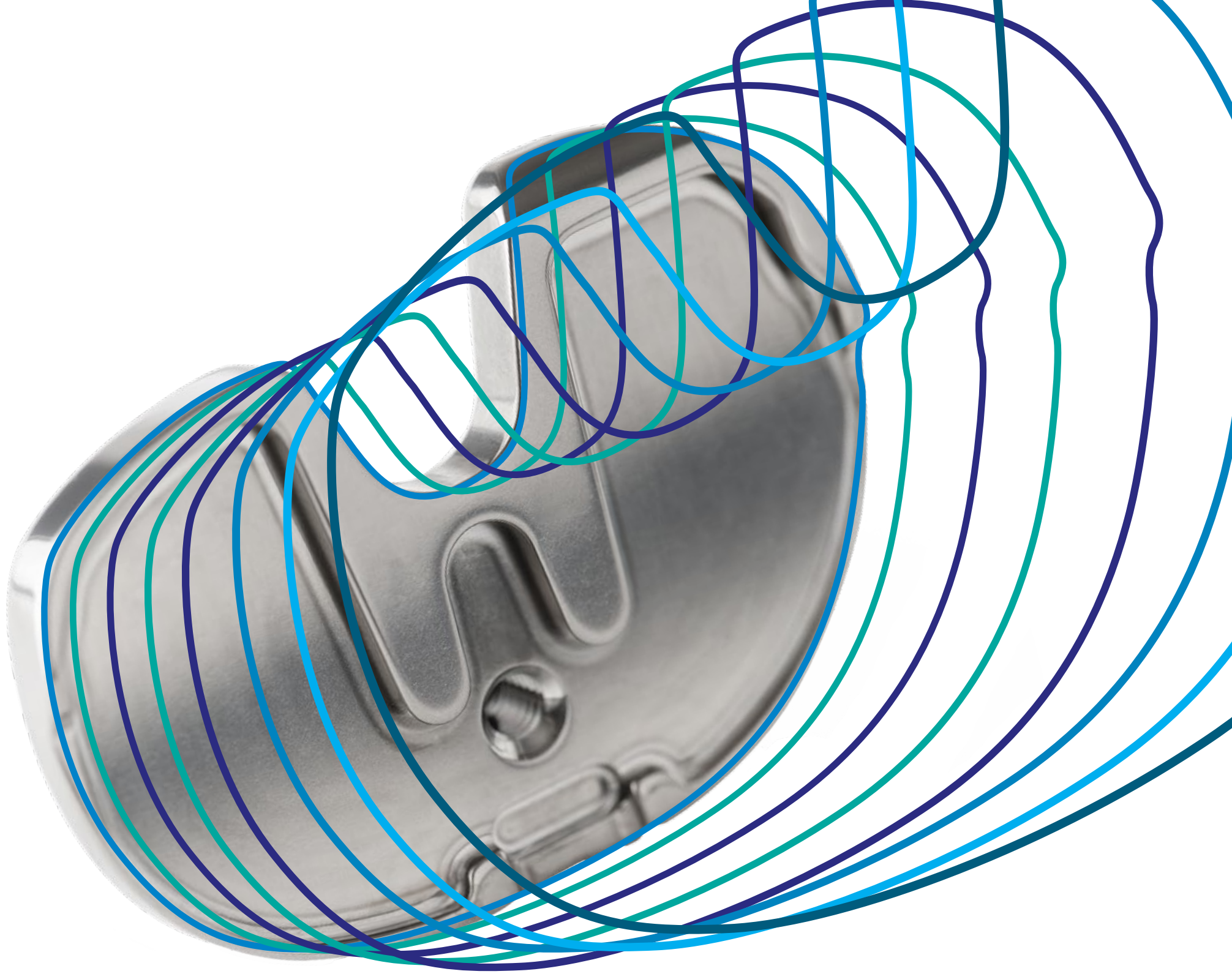


# REDEFINING PERSONALIZATION

Total knee replacement has long ranked among the most successful procedures in modern medicine. While you can expect excellent implant survivorship with many of today's knee replacement systems, recent studies suggest that one in four patients aren't fully satisfied with their new knee.<sup>1,2</sup>

We believe the way to predictably improve patient satisfaction is to more closely reproduce the original. The Persona Knee is our answer to this need. It's our most comprehensive system, including more anatomically accurate components with finer increments to help you personalize the fit for each patient and restore the unique identity of every knee.





# PERSONALIZED IMPLANTS

DESIGNED FOR OPTIMAL FIT AND FUNCTION

## **Tibia**

Anatomic design helps prevent mal-rotation while facilitating proper rotation and optimal bone coverage. Mal-rotation of implants leads to over 50 percent of painful TKA cases.<sup>3</sup>

## **Bearing**

Reproduce more natural ligament balance with five levels of constraint in 1 mm increments.

## **Femur**

Twenty-one distinct profiles, with 2 mm increments available in standard and narrow, provide one of the most comprehensive femoral sizing schemes on the market.



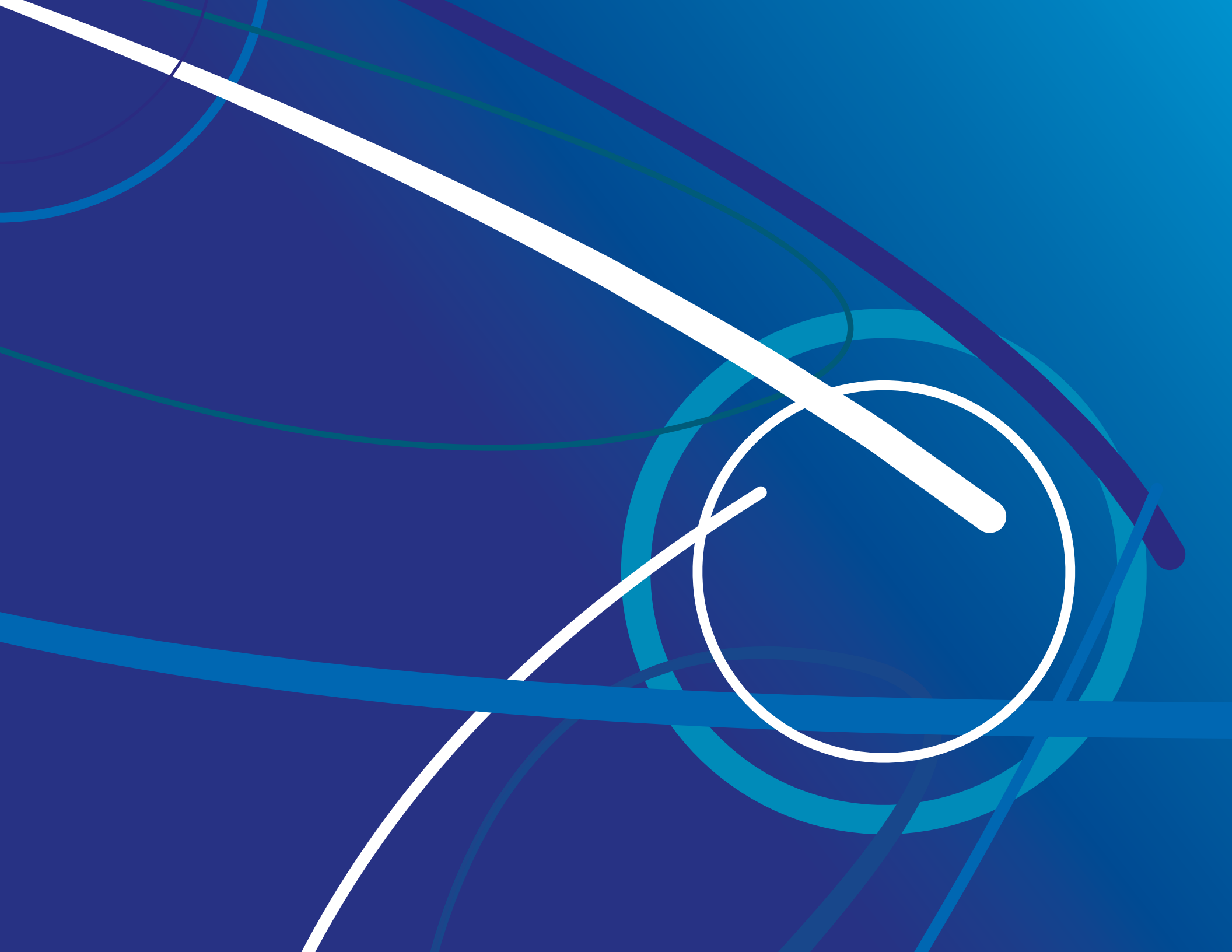
# PRECISE INSTRUMENTATION WITH PERSONALIZED CONTROL

## **Comprehensive Instrument Platform**

Persona Instrumentation was designed to be versatile in its capabilities and philosophies, precise in its measurements, comprehensive, and comfortable with repetitive use. These options were designed to help you regularly achieve optimal outcomes.

## **Intelligent Instruments**

Designed to make knee replacement more intuitive, precise, and simple.



# PROVEN TECHNOLOGY BUILT ON A LEGACY OF CLINICAL PERFORMANCE

## **Trabecular Metal™ Technology**

Reduce complexity, procedure time, and third-body wear by removing cement from your surgical procedure. Trabecular Metal is a porous biomaterial made from elemental Tantalum with structural, functional, and physiological properties similar to cancellous bone.<sup>4-6</sup> Twenty years of clinical results.

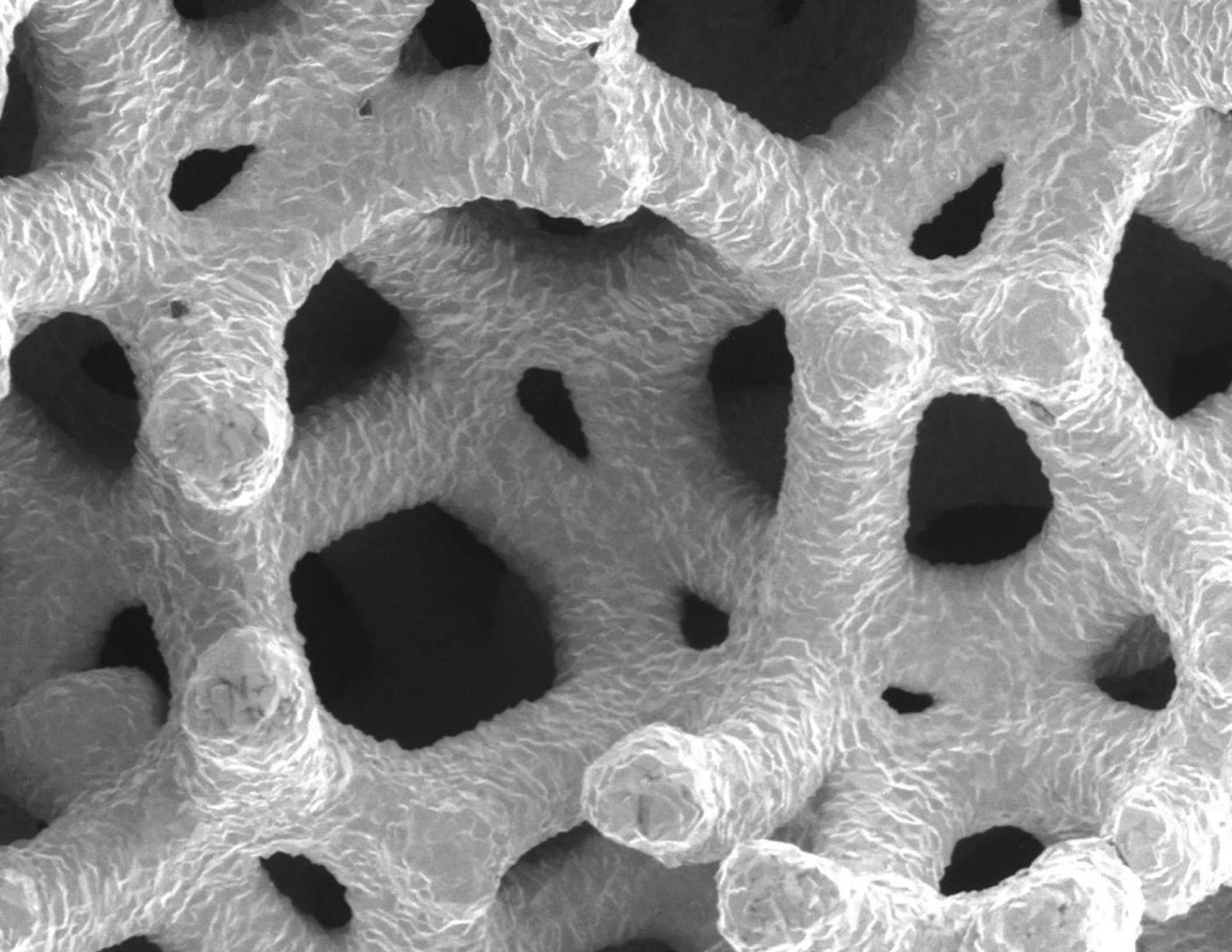
## **Vivacit-E® Vitamin-E HXPE**

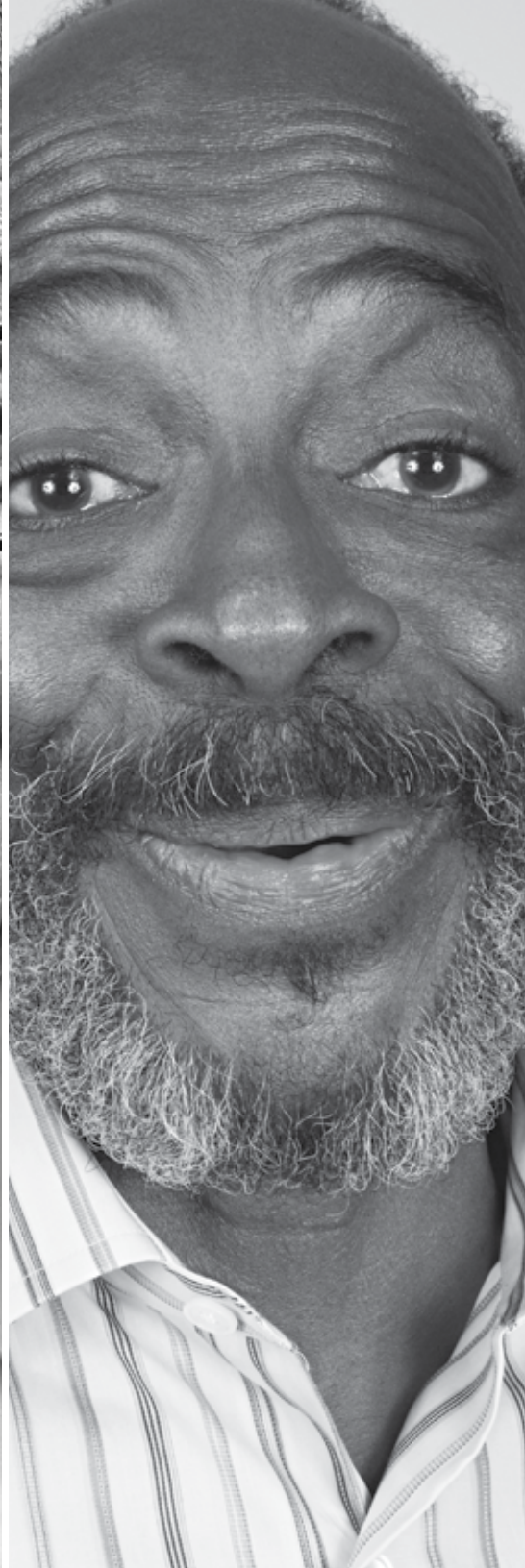
Vivacit-E Polyethylene is actively stabilized with Vitamin-E to help protect against oxidation and maintain wear resistance and strength throughout the life of the implant. Exceptional oxidative stability,<sup>7</sup> ultra-low wear,<sup>8</sup> and enhanced strength.<sup>9-11</sup>

## **Proven Heritage<sup>12</sup>**

Built on the heritage of the NexGen Knee System, the most widely used and clinically proven total knee system in the world.<sup>12</sup>







**BRING THE  
PERSONA KNEE SYSTEM  
TO LIFE WITH THE ABILITY  
TO CHOOSE IMPLANTS,  
INSTRUMENTS, PHILOSOPHIES,  
AND TECHNIQUES ACCORDING  
TO EACH PATIENT'S NEEDS.**

1. Bourne, R. et al. "Patient Satisfaction After Total Knee Arthroplasty: Who Is Satisfied and Who Is Not?" *Clinical Orthopaedics and Related Research*. 468: 57–63, 2010.
2. Baker, P. et al. "The Role of Pain and Function in Determining Patient Satisfaction After Total Knee Replacement." *National Registry for England and Wales in Journal of Bone and Joint Surgery (British)*. 89-B: 893–900, 2007.
3. Martin, et al. Maximizing Tibial Coverage Is Detrimental to Proper Rotational Alignment. *CORR* January 2014.
4. Bobyn, JD., et al. Characterization of a New Porous Tantalum Biomaterial for Reconstructive Orthopaedics. 66th Annual AAOS, 1999.
5. Zhang, Y., et al. Interfacial Frictional Behavior: Cancellous Bone, Cortical Bone, and a Novel Porous Tantalum Biomaterial. *Journal of Musculoskeletal Research*. 3:4, 245-251, 1999.
6. Karageorgiou, V., et al. Porosity of 3D biomaterial scaffolds and osteogenesis. *Biomaterials*. 26:5474-5491, 2005.
7. Zimmer ZRR\_WA\_2409\_11.
8. Zimmer ZRR\_WA\_2537\_12.
9. Zimmer TM1140.98.
10. Zimmer ZRR\_WA\_2403\_11.
11. Zimmer ZRR\_WA\_2551\_12.
12. Statement based on:  
5 million implantations<sup>12h</sup>  
300+ Publications<sup>12g</sup>  
100% Survivorship at 17 Years<sup>12a</sup>  
Lowest revision rate<sup>12b-e</sup>  
Benchmark for PROMs<sup>12f</sup>  
10A\* ODEP rating for CR and PS knees both with and without patella<sup>12g</sup>  
Every 90 seconds a patient receives a NexGen knee<sup>12h</sup>  
1 in 5 knees implanted globally is a NexGen Knee
- 12a. Kim, Y.H., et al. Cementless and cemented total knee arthroplasty in patients younger than fifty five years. Which is better? *International Orthopaedics (SICOT)* (2014) 38:297–303.
- 12b. Australian Orthopaedic Association National Joint Replacement Registry. Annual Report. Adelaide. AOA 2016: Table KT9 Cumulative Percent Revision of Primary Total Knee Replacement with Cement Fixation.
- 12c. Australian Orthopaedic Association National Joint Replacement Registry. Annual Report. Adelaide. AOA 2016: Table KT10 Cumulative Percent Revision of Primary Total Knee Replacement with Cementless Fixation.
- 12d. Australian Orthopaedic Association National Joint Replacement Registry. Annual Report. Adelaide. AOA 2016: Table KT11 Cumulative Percent Revision of Primary Total Knee Replacement with Hybrid Fixation.
- 12e. Select variants from the 2016 Swedish National Registry available at <http://myknee.se/en/> (pgs 42-43).
- 12f. Baker, P.N., et al. The effect of surgical factors on early patient-reported outcome measures (PROMs) following total knee replacement. *J Bone Joint Surg Br*. 94:1058, 2012.
- 12g. Latest ODEP ratings can be found at <http://www.odep.org.uk>.
- 12h. 2015 Sales data available at Zimmer Biomet.
- 12i. EMBASE search: «NexGen» AND «Knee».

All content herein is protected by copyright, trademarks and other intellectual property rights, as applicable, owned by or licensed to Zimmer Biomet or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet.


Information intended solely for Healthcare Professionals, Zimmer Biomet employees, the Zimmer Biomet sales force, and authorized representatives. Distribution to any other recipient is prohibited.

For indications, contraindications, warnings, precautions, potential adverse effects and patient counselling information, see the package insert or contact your local representative; visit [www.zimmerbiomet.com](http://www.zimmerbiomet.com) for additional product information.

Check for country product clearances and reference product specific instructions for use. Not for distribution in France.

©2017, 2021 Zimmer Biomet



 **Legal Manufacturer**  
Zimmer, Inc.  
1800 West Center St.  
Warsaw, Indiana 46580  
Warsaw, Indiana 46581-0587  
USA