

Persona[®]

THE PERSONALIZED KNEE



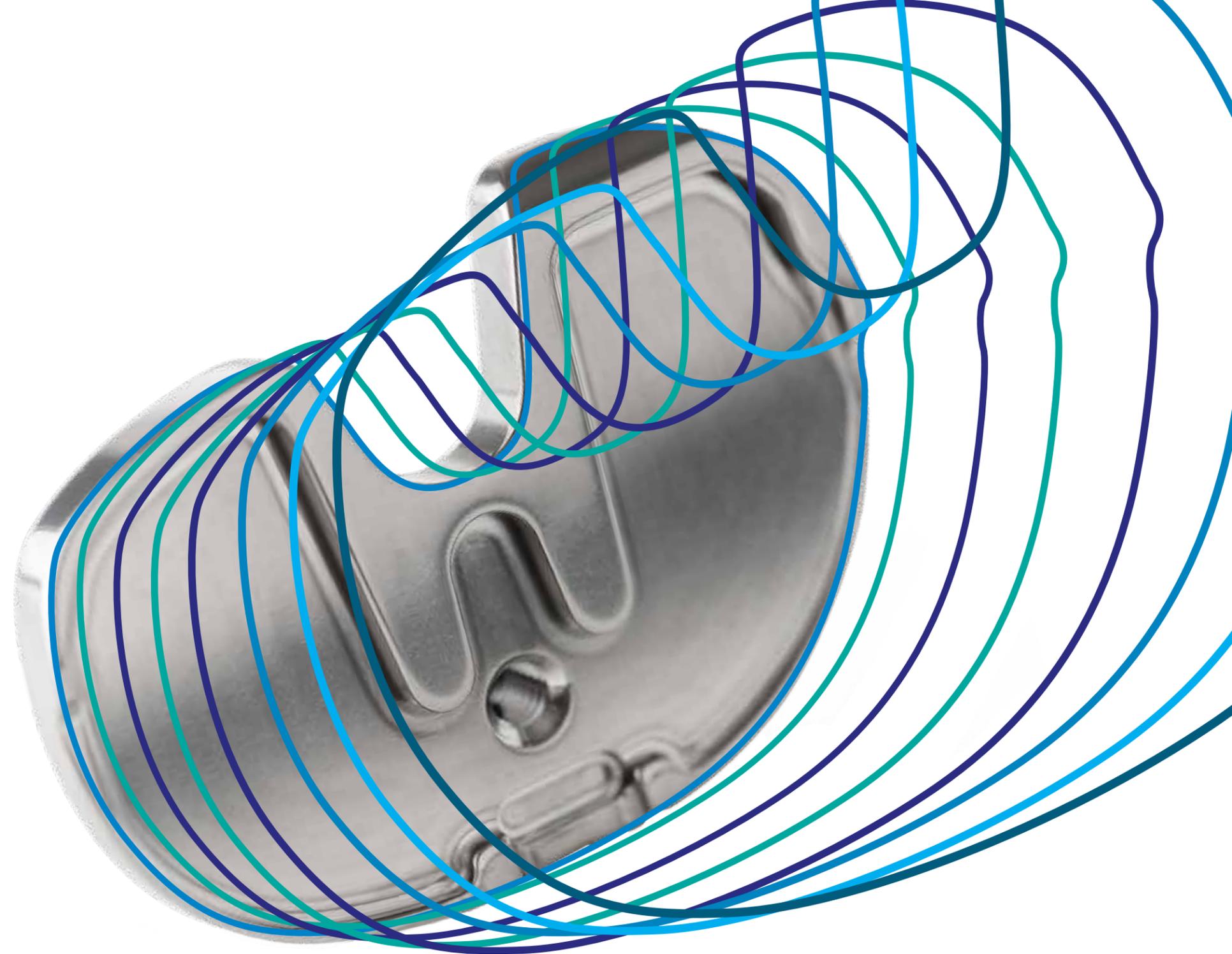
 ZIMMER BIOMET
Your progress. Our promise.™

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.^{1,2}

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.³

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 the most comprehensive femoral sizing scheme 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 consistently 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

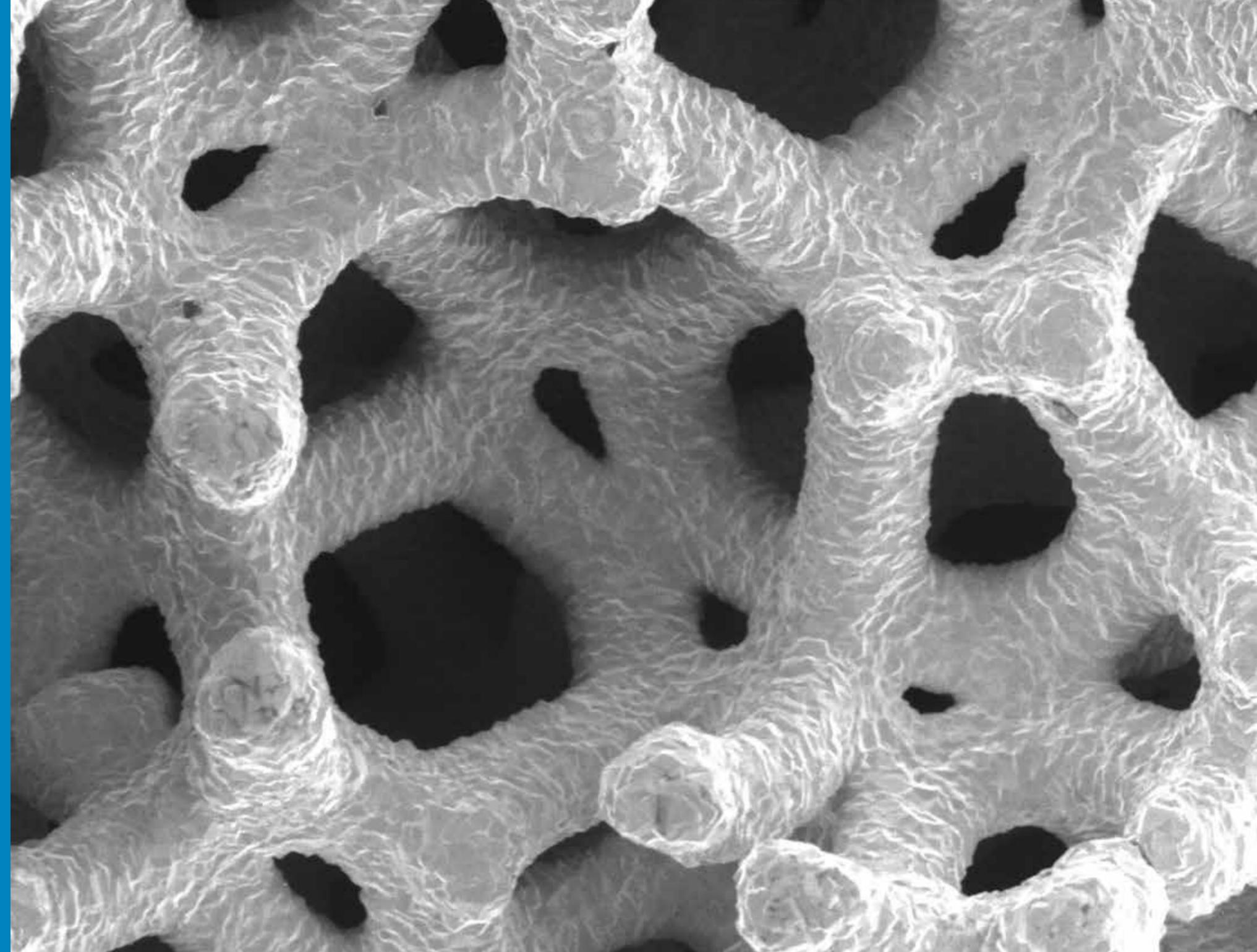
Reduce complexity, procedure time, and third-body wear by removing cement from your surgical procedure. Trabecular Metal is a porous biomaterial made from elemental Tantalum with structural, functional, and physiological properties similar to cancellous bone.⁴⁻⁶ Twenty years of clinical results.

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,⁷ ultra-low wear,⁸ and enhanced strength.⁹⁻¹¹

Proven Heritage¹²

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





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

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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, J.D., et al. Characterization of a New Porous Tantalum Biomaterial for Reconstructive Orthopaedics. 66th Annual AAOS, 1999.
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6. Karageorgiou, V., et al. Porosity of 3D biomaterial scaffolds and osteogenesis. *Biomaterials*. 26:5474-5491, 2005.
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12. Statement based on:
 - 5 million implantations^{12h}
 - 300+ Publications^{12g}
 - 100% Survivorship at 17 Years^{12a}
 - Lowest revision rate^{12b-e}
 - Benchmark for PROMs^{12f}
 - 10A+ ODEP rating for CR and PS knees both with and without patella^{12g}
 - Every 90 seconds a patient receives a NexGen knee^{12h}
 - 1 in 5 knees implanted globally is a NexGen Knee^v
- 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».

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