


Persona[®]

OSSEOTI[®] KEEL TIBIA

FOR CEMENTLESS KNEE REPLACEMENT



 ZIMMER BIOMET

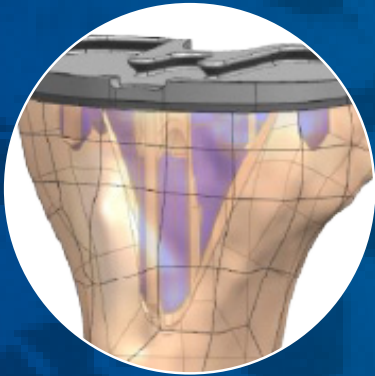


STABLE. VERSATILE. ANATOMIC.

THE PERSONA OSSEOTI KEEL TIBIA is the latest cementless knee replacement within our clinically proven Persona Knee System.¹⁻²

- **STABLE** initial and biological fixation with OsseoTi porous keel design³
- **VERSATILE** system design allows for selection between cementless and cemented procedures up until final implantation
- **ANATOMIC** tibia for proper rotation and optimal bone coverage from the clinically proven Persona Knee System¹⁻²

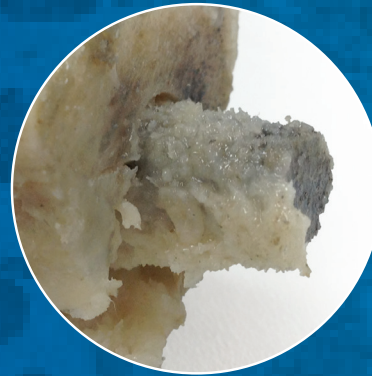
STABLE.



2x's more press fit
than NKII porous stem⁴



4 Weeks early integration
with host bone*



12 Weeks bone fusion
across an 8 mm thick sample*



26 Weeks extensive biological
fixation fills the entire volume
of porous sample*

STABLE initial and biological fixation with OsseoTi porous keel design³

- Significantly less micro-motion than the clinically successful Natural Knee II[®] Spiked keel³
- Significantly more extraction force than Persona[®] Trabecular Metal[®] and the Natural Knee II Spiked keel³
- OsseoTi porous material to facilitate cell migration, biologic fixation and vascularization as early as week 4^{5*}

*Animal studies are not necessarily indicative of clinical performance



VERSATILE.

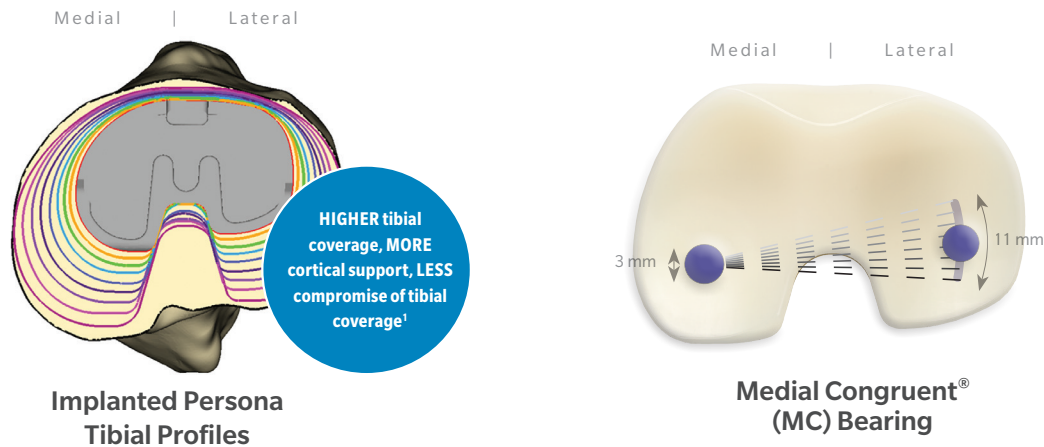


VERSATILE system design allows for selection between cementless and cemented procedures up until final implantation

- One tray for a simplified surgical technique
- No additional bone prep between cemented and cementless procedures
- Freedom to choose between cemented or cementless intraoperatively



ANATOMIC.



ANATOMIC tibia for proper rotation and optimal bone coverage from the clinically proven Persona Knee System¹⁻²

- Persona anatomic tibial tray provides greater stability – less micromotion – than a symmetric tray⁶
- 92% bone coverage with proper rotation¹ with ideal rotational alignment in 81.4% of patients⁷
- The medial congruent bearing provides medial stability and lateral mobility to facilitate more natural kinematics



References

1. Dai, Y., *et al.* Anatomical Tibial Component Design Can Increase Tibial Coverage and Rotational Alignment Accuracy: A Comparison of Six Contemporary Designs. *Knee Surg Sports Traumatol Arthrosc.* 22:2911–2923; KSSTA 2014.
2. Rajgopal, A., Aggarwal, K., and Kumar, S., 2020. A Five-Year Comparative Functional and Clinical Evaluation of Two Contemporary Cruciate-Retaining Knee Implants. *Arthroplasty Today* 6:3, pp.369-377.
3. 4027.1-GLBL-en
4. Zimmer Biomet Engineering data on file
5. Gupta, G. OsseoTi Porous Metal For Enhanced Bone Integration: an Animal Study. Biomet Form No. BMET0718.1-GBL
6. Bischoff, J. *et al.* Patient Factors that Challenge Tibial Fixation in Cementless TKA are Not What They Seem; 1AAOS Poster #83, 2019
7. Mizu-uchi, H., *et al.* Anatomical Shaped Tibial Baseplate Reduced Rotational Alignment Compromise in Total Knee Arthroplasty: Clinical Evaluation with Asian Knees. ORS 2017 Annual Meeting Paper No.0110. 21.Bandi, Marc, *et al.* Finer Femur and Insert Increments in Total Knee Arthroplasty Facilitate Accurate Balancing and Reduce the Need for Complex Techniques. Abstract number 850; ORS 2014



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