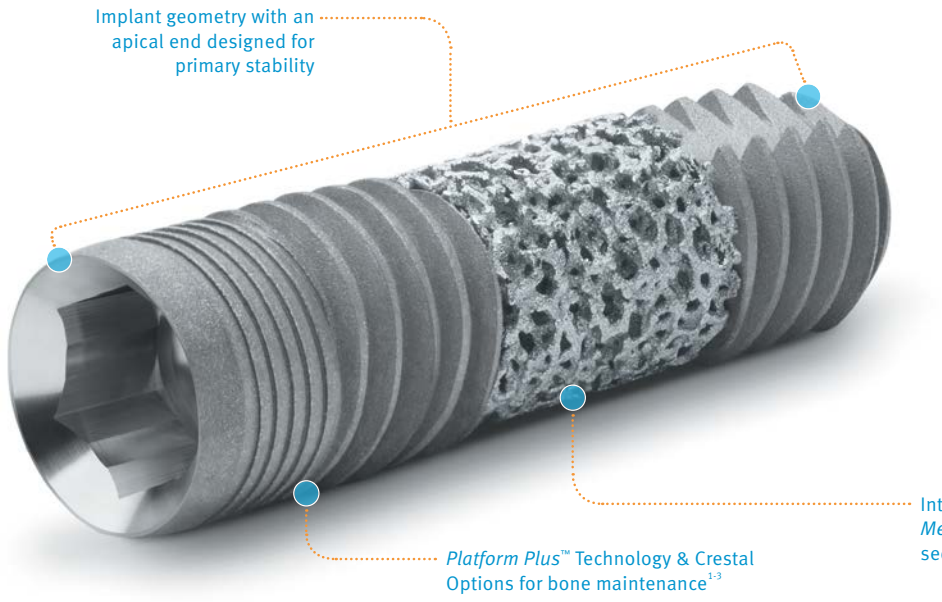
THE BEST THING NEXT TO BONE™
NOW FOR THE ESTHETIC ZONE

Zimmer® Trabecular Metal™ Dental Implant



3.7mmD
NOW AVAILABLE

1 FACILITATE IMMEDIACY PROTOCOLS[4]

- Implant geometry and a surgical protocol designed for primary stability
- Immediate loading indication where clinically appropriate*

* Immediate loading is indicated when there is enough primary stability and an appropriate occlusal load

2 ENHANCE SECONDARY STABILITY THROUGH OSSEOINCORPORATION

EXPANDING BEYOND BONE-TO-IMPLANT CONTACT

- *Trabecular Metal* Material allows Osseoincorporation through bone ongrowth AND bone ingrowth[5]
- Up to 85.7% more surface area than *Tapered Screw-Vent*® implants, depending on implant size[6]
- *Trabecular Metal* Material has demonstrated human bone ingrowth to a depth of 0.5 - 1.0mm as early as 3 weeks after placement in healthy patients.[7]

3 IMPROVE ESTHETIC OUTCOMES

- Zimmer's proprietary *Platform Plus* Technology is designed to create favorable conditions for bone-level maintenance as demonstrated in an in vitro FEA study.[1,2 **]
- The coronal microgrooves are designed to preserve crestal bone[3]
- Two coronal surface configurations allow for treatment flexibility

** Results are not necessarily predictive of human clinical results.

The strength of the 3.7mmD Trabecular Metal *Implant design has been tested mechanically under occlusal loading conditions and it was equivalent to a conventional threaded implant evaluated under the same test conditions.*[8]

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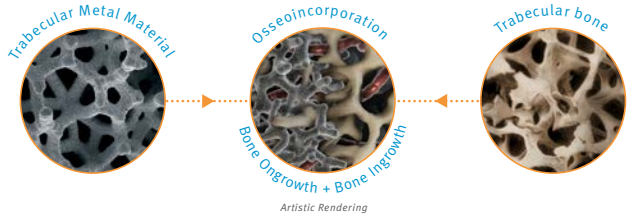
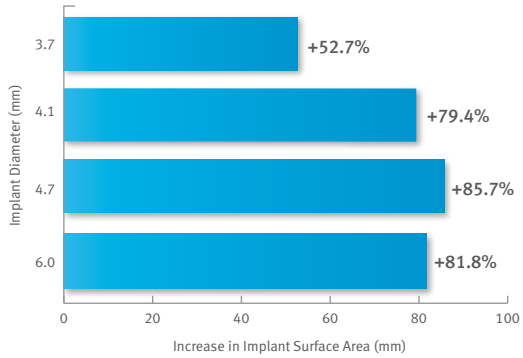
YOU CAN NOW EXPERIENCE OSSEOINCORPORATION IN THE ESTHETIC ZONE



Artistic Rendering

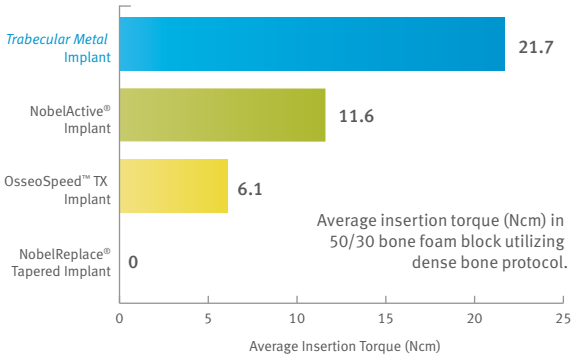
INCREASED SURFACE AREA AVAILABLE FOR OSSEOINTEGRATION

Due to the highly interconnected porous structure of *Trabecular Metal* Material, the *Trabecular Metal* Dental Implants provide up to 85.7% more surface area for osseointegration than *Tapered Screw-Vent* Implants.[6]



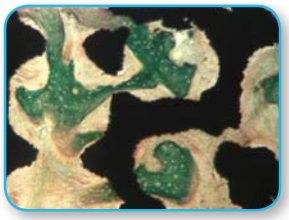
INSERTION TORQUE IN THE APICAL TIP ENGAGEMENT MODEL

The 3.7mmD *Trabecular Metal* Dental Implants demonstrate higher insertion torque than select implants of a similar size (n=6) when only apically engaged in 4mm of bone foam.[9]



HUMAN BONE INGROWTH AS EARLY AS 3 WEEKS AFTER PLACEMENT[7]

New bone formation has been documented inside *Trabecular Metal* Material to a depth of 0.5-1.0mm after 3 weeks of healing in healthy patients.[7]

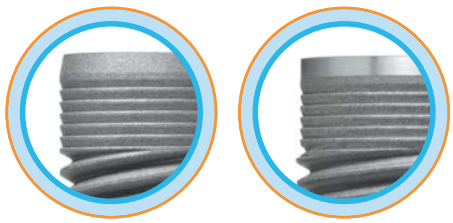


HUMAN BONE INGROWTH AT 12 WEEKS

Human histology at 7 weeks shows newly formed bone trabeculae (green) growing into the pores and on the surfaces of *Trabecular Metal* Material (black).

CRESTAL OPTIONS FOR BONE MAINTENANCE & ESTHETICS[1-3]

The coronal microgrooves are designed to preserve crestal bone.[3] In addition, two coronal surface configurations are available to help you practice the way you choose: 0.5mm Machined Titanium or *MTX*® Microtexturing to the top



ORDERING INFORMATION

Trabecular Metal **Dental Implant,** ***MTX*** **Surface,** ***0.5mm Machined Collar*** **with Microgrooves** (Includes Fixture Mount/Transfer and Cover Screw)

Implant Diameter	Implant Platform	10mmL	11.5mmL	13mmL	16mmL
3.7mmD	3.5mmD	TMMB10	TMMB11	TMMB13	TMMB16

Trabecular Metal **Dental Implant,** ***MTX*** **Surface,** ***Fully Textured*** **with Microgrooves** (Includes Fixture Mount/Transfer and Cover Screw)

Implant Diameter	Implant Platform	10mmL	11.5mmL	13mmL	16mmL
3.7mmD	3.5mmD	TMTB10	TMTB11	TMTB13	TMTB16

To learn more, please visit us online at www.ZimmerDental.com or to speak to a sales representative, call 1 (800) 854-7019.

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2. Chun HJ, Shin HS, Han CH, Lee SH. Influence of implant abutment type on stress distribution in bone under various loading conditions using finite element analysis. *Int J Oral Maxillofac Implants.* 2006;21:105-202.
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4. Schlee M, van der Schoor WP, van der Schoor ARM. Immediate loading of Trabecular Metal-enhanced titanium dental implants: interim results from an international proof-of-principle study. Clin Implant Dent Relat Res 2012 Jul 30. Doi: 10.1111/cid. 12127. [Epub ahead of print].
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