

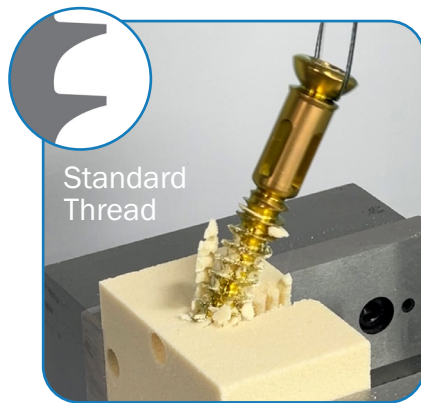
# UnifiMI

An OsteoCentric  
Technology



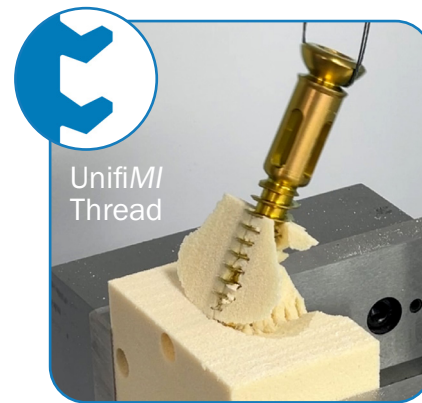
OsteoCentric's UnifiMI Technology is a paradigm shifting implant fixation platform that redefines the interface between bone and implant. UnifiMI utilizes the method of Mechanical Integration to prepare, capture and integrate any style of orthopedic or dental implant with normal or compromised bone.

UnifiMI is a true platform technology capable of providing primary stability focused on the bone to implant interface in Spine, Trauma, Sports, Reconstruction, Extremity, Dental & Veterinary implants.



#### Standard Implant

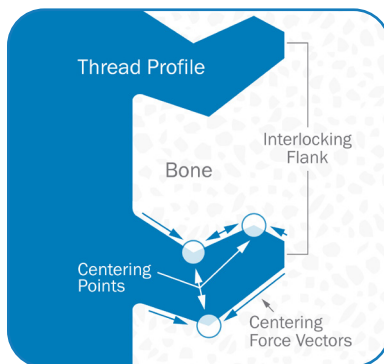
- Bone Foam non-integrated
- Interfacing foam crushed and fractured
- Limited load resistance on tension side



#### UnifiMI Implant

- Bone Foam integrated circumferentially
- Interfacing foam preserved and maintained
- Full load resistance on tension side via MI

UnifiMI creates a 58% increase in implant off-axis stability.



Unique thread geometry instantly and circumferentially interlocks with bone by entrapping and containing bone between the thread form.

This mechanical interlocking creates a structural and functional connection between an implant and bone which performs similar to Biological Integration (Osseointegration).

OsteoCentric Fasteners are designed to create a new standard for primary implant stability and expedite robust long-term stability for implants utilizing Osseointegration (OI).

## The UnifiMI Difference

Standard Thread



**Standard Threads**

- Crush and plow during insertion
- Create a damaged and unstable interface

UnifiMI Thread



**UnifiMI Threads**

- Cleanly prepare and preserve during insertion
- Create a stable and mechanically integrated interface

## How does UnifiMI Prepare and preserve bone?

Bone's innate structure and inter-connectivity play major roles in improving implant fixation and prolonging stability. UnifiMI implants and instruments are designed specifically with this fact in mind, creating a symbiotic relationship at the bone-implant interface.

OsteoCentric drill bits are designed to preserve bone volume by drilling true cylindrical pilot holes which is beneficial when used with UnifiMI or any other implant technology.

UnifiMI implants incorporate by design, proprietary self-tapping technology to advance bone chips forward to create a clean bone-implant interface maintaining the health of the patient's bone.

Upon implantation, UnifiMI's patented thread geometries preserve the architecture of bone by minimizing outward forces applied to the mechanically integrated bone.

### Current OsteoCentric Products with UnifiMI:

- 7.0/8.0 Cannulated Fastener System
- Headless Compression System
- Proximal Humerus System
- Integrity-SI Fusion System
- Schanz Pin Fasteners
- 4.0 Super Fastener
- Small Frag Fastener Set
- 3.5 Long Fastener Set

### Coming soon with UnifiMI:

- MIS Pedicle Fastener System
- Dental Implants
- Small Cannulated Fasteners
- ACL Fasteners



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