

# MARINER<sup>®</sup> MIS

POSTERIOR FIXATION SYSTEM  
SALES BROCHURE

# DESIGN RATIONALE

The **SeaSpine® Mariner® MIS system** is a powerful, efficient, and elegantly designed posterior fixation system developed to enable the robust stabilization of simple and complex constructs through a tissue-sparing, minimally invasive approach.

The Mariner system's clinical applications are expanded by combining modular threaded technology, procedure-specific implants, and streamlined instrumentation. Together, with the SeaSpine interbody and orthobiologics portfolio, this provides a best-in-class minimally invasive procedural solution.

## COMPLETE MIS SURGICAL SOLUTION



Mariner Modular Threaded Technology



MIS Polyaxial Tulip



MIS Tower



Zero-profile Instrument Based Reduction



Motion-limiting Implants



5.5/6.0mm MIS & Constrained Rods

## THE SYSTEM

### MIS Polyaxial Tulip

Manufactured from a single piece of titanium alloy for high strength with low-profile, 15mm internal reduction

**Mariner Modular Threaded Technology** Superior tulip connection compatible with polyaxial, favored angle, and MIS polyaxial implants

**MIS Tower Reducer** Zero-profile, 40mm of reduction capability with zero-profile and integrated set screw delivery

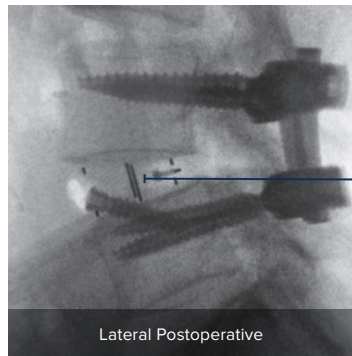
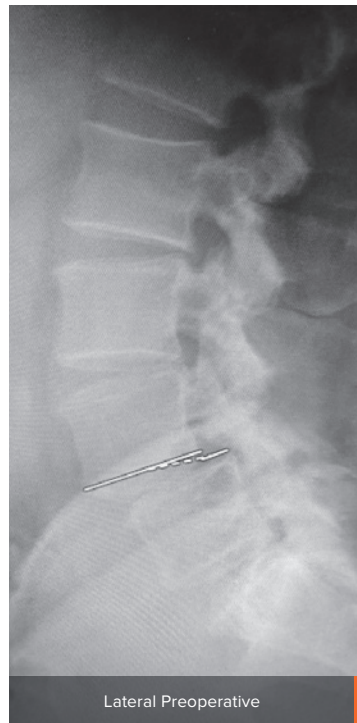
**MIS Tower** Slim, robust connection interfaces with mechanically driven reduction and motion-limiting implants



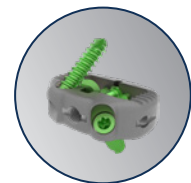
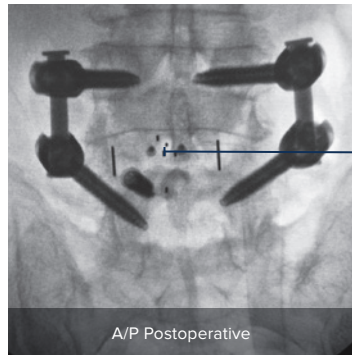
# PROCEDURAL SOLUTIONS

DIFFERENTIATED AND COMPLEMENTARY TECHNOLOGIES

## MARINER® MIS PROCEDURAL CASE EXAMPLE



OsteoStrand®




Vu a-Pod™ Prime  
Nanometalene®

*"Mariner MIS is a superbly engineered posterior fixation system that can be configured to use towers, extended tabs, or with open screws for hybrid constructs. The tabs and towers are elegantly designed, yet robustly constructed for deformity correction. Mariner MIS will soon be the market leader in the MIS space and exceed surgeon expectations for both degenerative and deformity applications."*

**Donald J. Blaskiewicz, MD**  
UCSD Department of Neurosurgery • La Jolla, CA

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