hps™
hand plating system

OSTEOMED
SMALL BONE ORTHOPEDICS
Rethinking Possibilities, Reshaping Lives
**versatile SOLUTION**

**for COMPLEX fractures**

**hps advantages**

**Minimizing soft tissue irritation and adhesions**

The hps plates are highly polished to reduce surface microroughness, resulting in reduced tissue adhesions. The rounded edges and low profile of the plates and screw heads facilitate tendon motion and minimize irritation.

**Stable anatomic reduction**

OsteoMed’s proprietary angled locking technology incorporates threads on the head of the screw and the interior of the plate hole providing a unique, strong and rigid construct. Multiple plate and screw configurations are available, allowing for anatomic reconstruction of unique fracture patterns.

The hps system provides multiple compression options. The plates have dual compression holes allowing compression in both directions independent of plate placement. Solid core, cannulated and headless cannulated lag screws provide compression outside of a plate.

“The low-profile subcondylar plate provides exceptional stability and allows early motion without soft-tissue irritation.”

Raymond B. Raven III, M.D.

hps provides everything you need to treat the personality of the fracture. hps includes 53 different plates, 5 screw designs, 3 k-wire sizes, hands free plate holding TAKS™, and unique instrumentation designed to reduce soft tissue irritation. The 5 interchangeable color coded modules - 1.2mm, 1.6mm, 2.0mm, 2.4mm, cannulated - and instrument tray provide precise instrumentation for every step of the procedure. This self-contained system is organized in order of use to save time in surgery.

One system, versatile solutions.
plates and screws

Within the variety of plates, hps provides fracture specific solutions, including the patented subcondylar plate. The subcondylar plate has a 12 degree bend to fixate condylar fractures without obstructing joint ligaments.

12°
angled locking ranges
1.6mm, 44°
2.0mm, 36°
2.4mm, 34°

highlights

- unique and stable angled locking technology
- low profile plate and screw interface
- up to 4 different screw options in every circular hole
- cannulated compression screw choices

hps is the first system to include a cannulated module and the opportunity to use a cannulated headed screw in a hand plate for precise stable screw positioning.

screws and k-wires

solid core

- fully threaded variable angle locking
- fully threaded non-locking
- partially threaded lag, non-locking
- low profile heads
- excellent bone purchase
- self-retaining on driver stems

cannulated compression

- headless lag with narrow trailing diameter
- headed lag with low profile heads that fit in the plates

k-wires

- .028" single trocar
- .035" single trocar, double trocar, partially threaded
- .045" single trocar, double trocar

53 plates

- 53 plates in multiple size options
- anatomically pre-contoured and low profile
- polished surface with rounded edges
- dual compression holes
- unique stable locking technology
- accepts locking and non-locking screws in circular holes
unique instrumentation

universal plate cutter
An exclusive plate cutter which cuts at a radius and prevents sharp burs on the superior surface, reducing the potential for soft tissue trauma.

plate holding TAKS
Threaded plate holding TAKS aid in precise plate placement through temporary fixation.

Bone and Soft Tissue Management
- retractors
- elevators
- forceps
- sharp hook

Screw Insertion
- drill guides
- depth gauges
- self-retaining driver stems
- driver handles
- percutaneous driver sleeves

Plate Holding
- on-bone plate holder
- plate holding forcep
- plate TAKS

Plate Altering
- plate cutter
- plate bender
- forceps
additional upper extremity products

OsteoVation® EX
Bone Void Filler

ExtremiFix
Cannulated Screw System