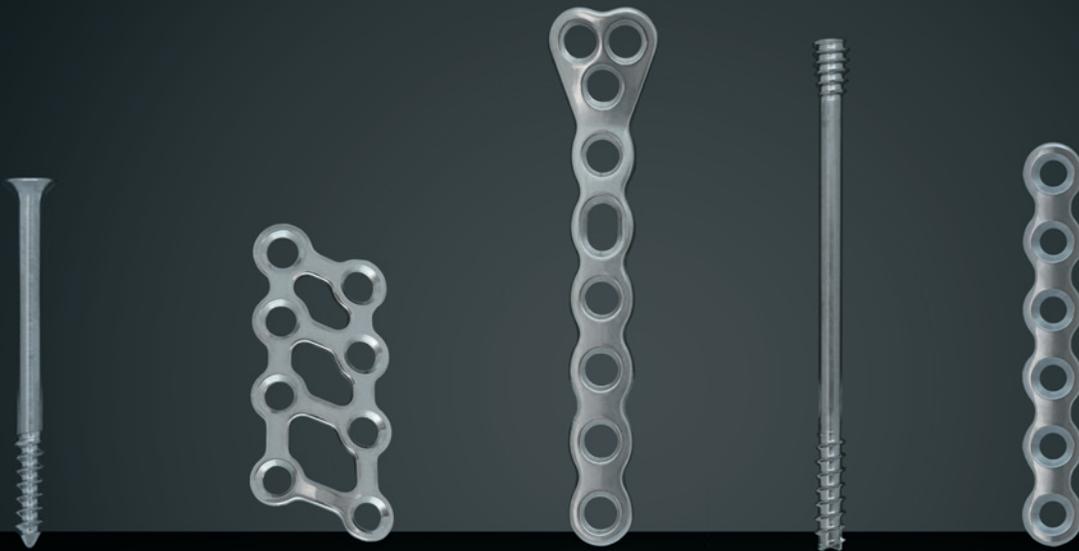


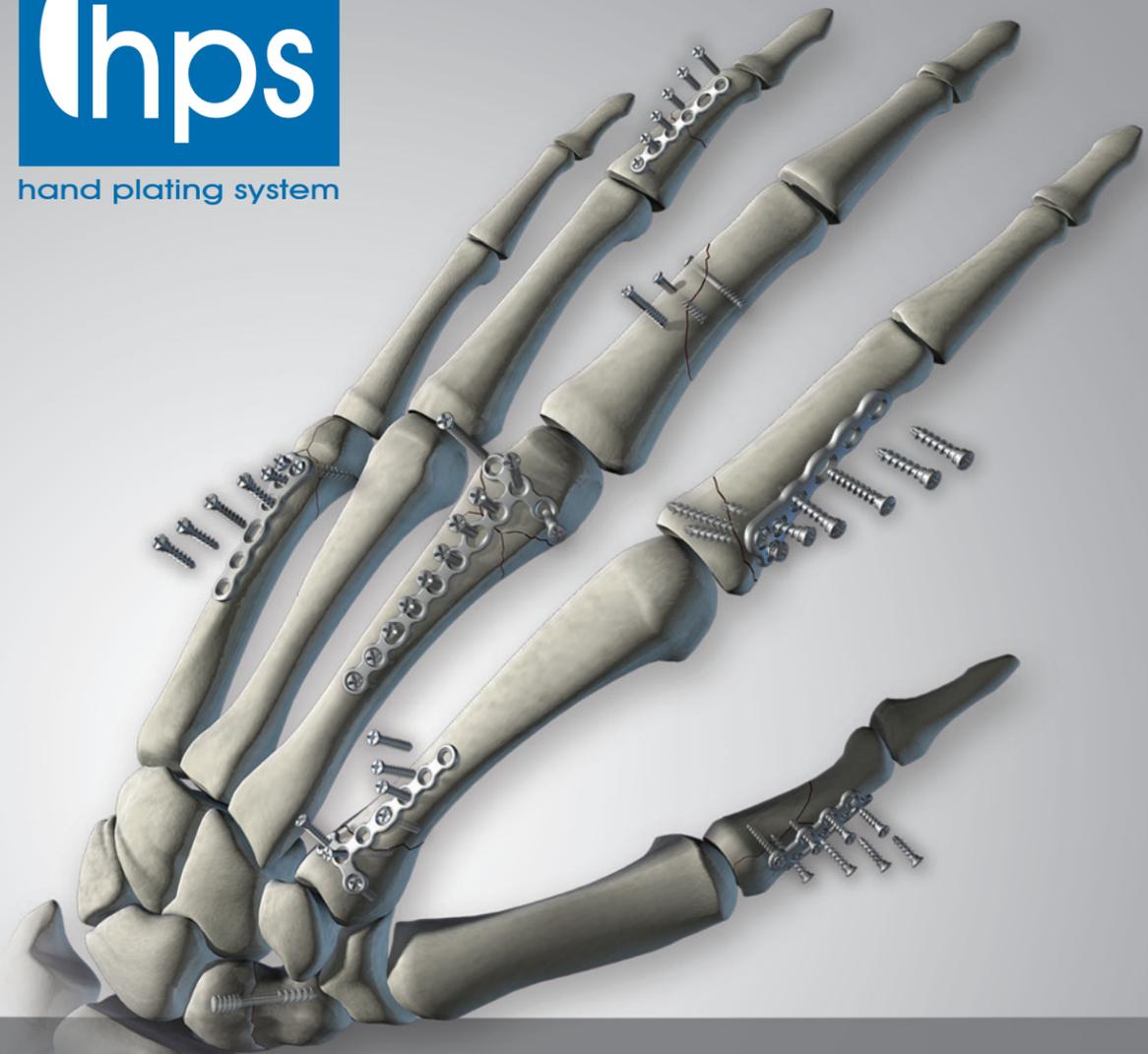
hpsTM

hand plating system



Rethinking Possibilities, Reshaping Lives

versatile SOLUTION
for COMPLEX fractures



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.

hps advantages

Minimizing soft tissue irritation and adhesions

The hps plates are highly polished to reduce surface microroughness, resulting in reduced tissue adhesions¹. 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."

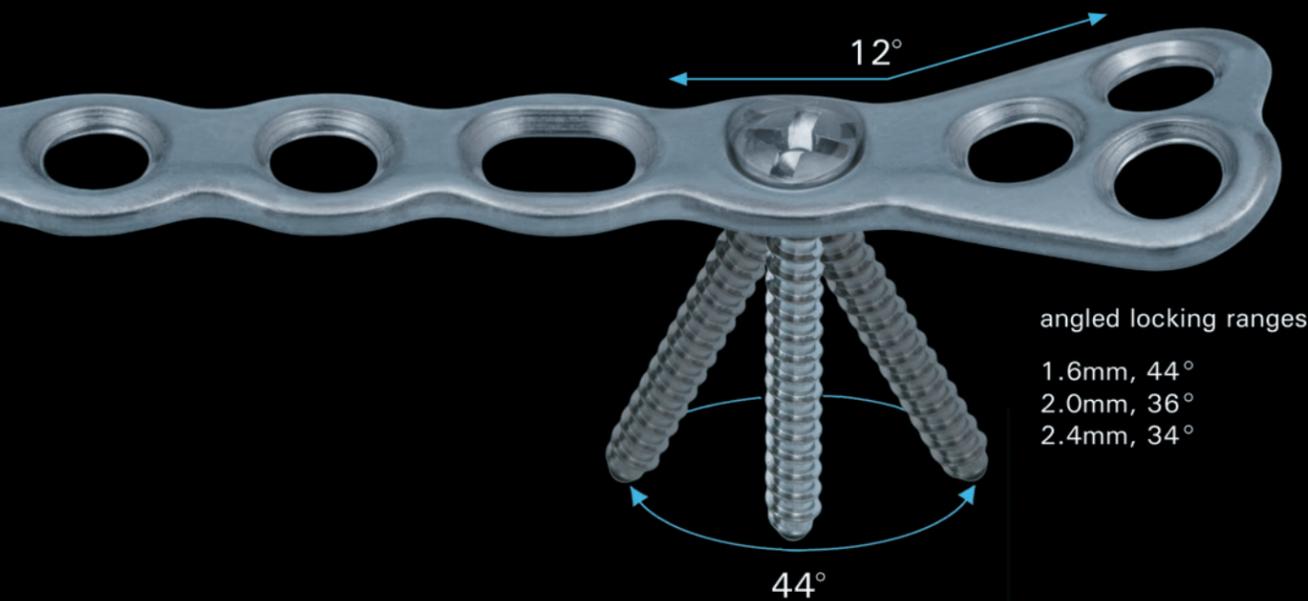
Raymond B. Raven III, M.D.

¹Herren DB, Nagy L, Campbell DA (eds): Osteosynthesis in the Hand: Current Concepts. FESSH Instructional Course 2008. Basel, Karger, 2008, pp 20-30



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.



angled locking ranges

- 1.6mm, 44°
- 2.0mm, 36°
- 2.4mm, 34°

highlights

- unique and stable angled locking technology²
- 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



angle locking



non-locking



solid core lag



cannulated headless



cannulated lag

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 burrs 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

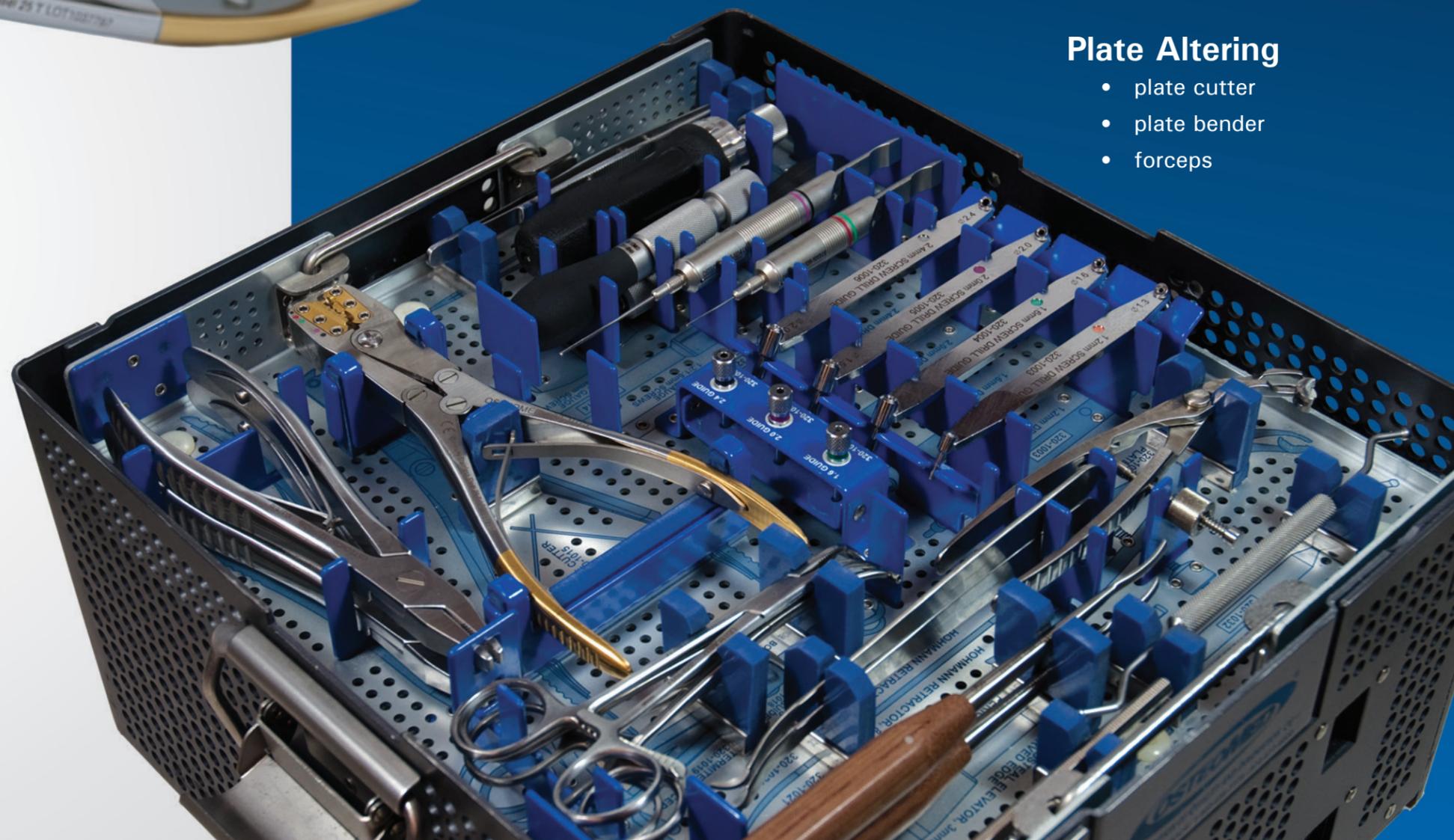
- drill guides
- depth gauges
- self-retaining driver stems
- driver handles
- percutaneous driver sleeves

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



Rethinking Possibilities, Reshaping Lives

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