Advantages
• The radiolucent wrist fixator for distal radius fractures. Nelson. "Orthofix external fixation in Trauma and Orthopedics", 1999; University of Wisconsin Press.

Osteotite Bone Screws

Indications
Fixation in cortical, cancellous and osteoporotic bone

Advantages
• Novel profile design for patient comfort
• Cam design indicates locking position
• Strong double ball-join, matched to radio-carpal anatomy, for fracture reduction in compression-distraction unit and standard bone screws
• Ready to use screws in sterile kit including required instrumentation, compression activation unit and standard bone screws
• Hydroxyapatite coating enhances osteointegration
ELBOW, FOREARM, WRIST & HAND

Galaxy Fixation™ System - Elbow

- Indications
  - Infected and aseptic non-unions; joint pathologies/injuries; open or closed fractures; elbow stiffness
- General System
  - MRI Conditional
  - Modular components compatible with the Galaxy Fixation System
  - Radiolucent
  - Allows for application of combined internal synthesis (i.e. K-wires, FFS, plates and screws)
  - Motion range selector (+/- 20°/40°) for controlled, limited flexion-extension
  - Early mobilisation option for quick wrist function recovery and patient comfort

Advantages
- Treatment, Bone-loss or other reconstructive procedures, Infection
tissue damage, Polytrauma, Carpal dislocations, Unreduced fractures following conservative
Intra-articular or extra-articular fractures and dislocations of the wrist with or without soft

Galaxy Fixation™ System - Wrist

- Indications
  - Intra-articular or extra-articular fractures and dislocations of the wrist with or without soft
  tissue damage, Polytrauma, Cephalic dislocations, Ununited fractures following conservative
  treatment, Stress fractures or other biomechanical procedures, infection
- Early mobilization option for quick wrist function recovery and patient comfort
- Motion range selection (+/- 20°/40°) for controlled, limited flexion-extension
- Allows for application of combined internal synthesis (i.e. K-wires, FFS, plates and screws)
- Modular components compatible with the Galaxy Fixation System
- MRI Conditional

Advantages
- Treatment, Bone-loss or other reconstructive procedures, Infection
tissue damage, Polytrauma, Carpal dislocations, Unreduced fractures following conservative
Intra-articular or extra-articular fractures and dislocations of the wrist with or without soft

Elbow Fixator

- Indications
  - Intra-articular fractures, fracture-dislocations requiring further stabilisation after treatment, post-traumatic stiffness
- General System
  - MRI Conditional
  - Stable, controlled movement around the elbow joint axis of rotation
  - Immediate promotion and supination
  - Early flexion and extension
  - Control of distraction of the joint possible

Advantages
- Control of distraction of the joint possible

Fragment Fixation System

- Indications
  - Fixation of fragments too small for large implants
- General System
  - MRI Conditional
  - Simplicity saves operative time

Advantages
- Simplicity saves operative time

Guided Growth™ System®

- Indications
  - Guided correction of pediatric elbow deformities: cubitus varus
- General System
  - MRI Conditional
  - “Key” design allows for a proximal oblong hole - along with a “window” for fracture visualization and grafting

Advantages
- Guided correction of pediatric elbow deformities: cubitus varus

Galaxy Fixation™ System - Elbow

- Indications
  - Infected and aseptic non-unions; joint pathologies/injuries; open or closed fractures; elbow stiffness
- General System
  - MRI Conditional
  - Modular components compatible with the Galaxy Fixation System
  - Radiolucent
  - Allows for application of combined internal synthesis (i.e. K-wires, FFS, plates and screws)
  - Motion range selector (+/- 20°/40°) for controlled, limited flexion-extension
  - Early mobilisation option for quick wrist function recovery and patient comfort

Advantages
- Treatment, Bone-loss or other reconstructive procedures, Infection
tissue damage, Polytrauma, Carpal dislocations, Unreduced fractures following conservative
Intra-articular or extra-articular fractures and dislocations of the wrist with or without soft

Mineral

- Indications
  - Acute trauma, or lengthening or articulated distraction
- General System
  - MRI Conditional
  - Stable, controlled movement around the elbow joint axis of rotation
  - Immediate promotion and supination
  - Early flexion and extension
  - Control of distraction of the joint possible

Advantages
- Control of distraction of the joint possible

Mini-Pennig

- Indications
  - Fractures; aseptic and infected nonunions; corrective osteotomy; lengthening; percutaneous wire insertion
- General System
  - MRI Conditional
  - Simple, minimally invasive technique
  - Minimally invasive percutaneous wire insertion
  - Secure fracture fixation with adjacent joints free to move

Advantages
- Simple, minimally invasive technique

Contours VPS - Volar Plating System®

- Indications
  - Distal radius fractures
- General System
  - MRI Conditional
  - Stable, controlled movement around the elbow joint axis of rotation
  - Immediate promotion and supination
  - Early flexion and extension
  - Control of distraction of the joint possible

Advantages
- Fixation of fragments too small for large implants

Contours VPS-3

- Indications
  - Volar fractures of fractures and extensor tendons involving the distal radius
- General System
  - MRI Conditional
  - Simple, minimally invasive technique
  - Minimally invasive percutaneous wire insertion
  - Secure fracture fixation with adjacent joints free to move

Advantages
- Fixation of fragments too small for large implants

For surgeon:

- Simple, minimally invasive technique
- Minimally invasive percutaneous wire insertion
- Reduced surgical trauma
- Iatrogenic infection minimisation
- Isolated, sequential correction of each deformity
- Maintenance of bone stock and bone quality
- Converging screw pattern for great subchondral support

For patient:

- Outpatient procedure - minimal impact on school/work schedule
- Reduced surgical trauma
- Improved bone healing
- Minimally invasive percutaneous wire insertion
- Maintenance of bone stock and bone quality
- Converging screw pattern for great subchondral support

For surgeon:

- Simple, minimally invasive technique
- Minimally invasive percutaneous wire insertion
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For patient:

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- Maintenance of bone stock and bone quality
- Converging screw pattern for great subchondral support