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Warning
This instruction is for reference only.
Operation must be performed under the guides of professional doctors.
Cable System

Indications
- Trauson 1.0 stainless steel cable system is used for treatment of bone fractures of olecranon and patella.

Features & Benefits
- Superior fatigue strength, greater flexibility
- 49 strands of cable (7 bundles, 7 strands per bundle) improves greater elasticity
- Cable crimp, one step for locking

Surgical Technique
Trauson cable system has been used for treatment of the fractures of olecranon and patella for more than 10 years, the fixation is obtained through a combination of K-wires drilled across the fracture followed by an external tension band to apply compression at the fracture site. (Illustrate with the transverse fractures of olecranon)

1. Reduce the fractures
Place the patient in the supine position and keep the arm draped free across the chest, reduce the fractures and temporarily insert two parallel K-wires to fix the fractures, Drill a hole both cortices to the long axis of the ulna and distal to the fracture site.

Note:
- This hole may be drilled before or after the fracture reduction and K-wires insertion.

2. Cable insertion
Attach one end of the cable to the Straight or Curved Guide Wire, then pass cable through the pre-drilled hole followed by the Guide Wire, cross the cable over the dorsal surface of the olecranon and pass it deep to the triceps tendon and behind the two K-wires, create a figure “8” on the dorsal surface of the ulna and place the cable crimp to a desired position on the bone surface, manually tension the cable (Image).

3. Tension the cable
Attach the two ends of the cable on the tensioner, turn the T-handle of the tensioner clockwise until desired tension is achieved.

Note:
- Applying excessive tension may cause the cable to cut through osteopenic bone.

Instruments
- Tensioner
- Cable Crimper
- Cable cutter
- Curved Guide wire
- Straight guide wire

Implants
- Cable & Cable crimp (SS)
Cable System

4. Crimp the cable crimp
Crimp the cable crimp using the cable crimper device. Remove the tensioner by turning T-handle counterclockwise until it releases.

5. Cut the cable
Position the cutter tip to the cable crimp and cut the cable as close to the cable crimp as possible.

6. Cut the K-wires end
Pull the K-wires back slightly and cut the extended K-wires, bending the wires past 180° to form a small hook and tap the wires into the bone, make sure the cable passes under the small hook.

Implants Ordering Information

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