

# MCKINLEY™

## Olecranon Osteotomy Nailing System

The Olecranon Osteotomy Nail offers an alternative to fixing simple olecranon fractures and osteotomies of the olecranon. One size nail and end cap reduces inventory.

The Olecranon Osteotomy Nail provides a number of advantages over current fixation methods. First, the nail is drilled for, inserted, and cross-locked in the bone prior to creating the osteotomy at a position distal to the location of the osteotomy. After the distal humerus is fixed, an end cap is simply inserted through the predrilled hole in line with the nail, reducing the olecranon and creating compression across the osteotomy, ensuring an anatomic reduction. This also allows for quick realignment and fixation of the loose fragment, instead of the secondary operation required to fix the olecranon after fixing the distal humerus, saving OR time.

Second, the locking holes in the nail are oblique to each other and the anatomic axis of the ulna. This unique design prevents the nail from moving within the medullary canal to prevent toggle and ensure anatomic reduction of the olecranon fragment.

Third, the locking screws used to lock the nail in place incorporate a threaded head that bites into the near cortex and sits flush with the surface. It also bottoms out on the nail taking up additional clearance between the nail and the screw, preventing toggle of the nail in the canal, and ensuring anatomic reduction. Since the screws sit flush with the surface of the ulna there should be no hardware prominence, and no risk of hardware migration.

### Indications for Use

The Olecranon Osteotomy Nail is indicated to treat simple olecranon fractures and osteotomies of the olecranon.



# Implant Features

## End Cap

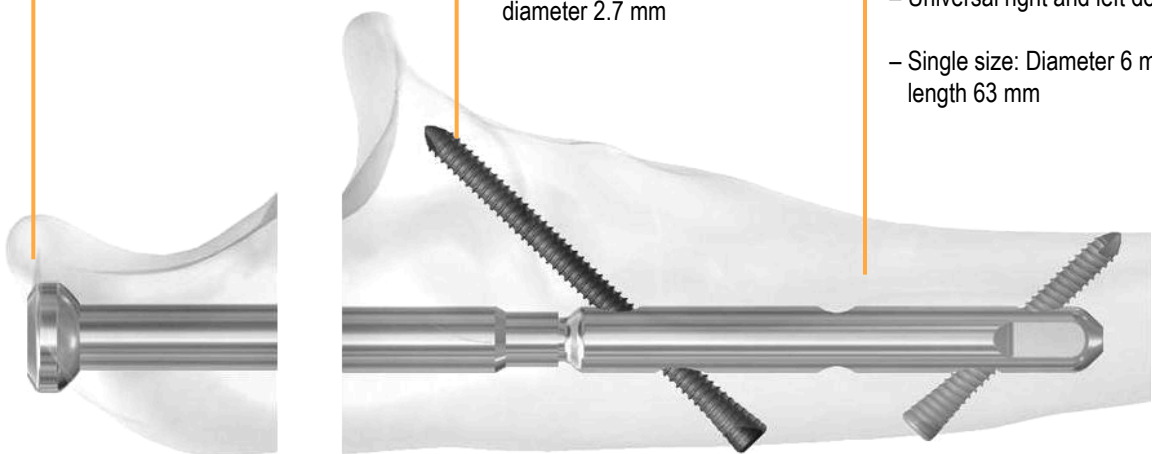
- Countersunk end cap for reduced soft tissue irritation and eoperations
- Easy reattachment of olecranon
- Single size: Diameter 6 mm, length 40 mm

## Threaded Stepped Screws

- Countersunk screw head for reduced soft tissue irritation
- Targeted, angled locking to prevent nail from moving
- Fully threaded stepped screws, diameter 2.7 mm

## Nail

- Pre-osteotomy fixation ensures anatomic reduction and quick realignment
- Easy instrumentation for simple fixation
- Universal right and left design
- Single size: Diameter 6 mm, length 63 mm



## Implant Information [Material in Titanium Alloy (Ti-6Al-4V)]

### Olecranon Osteotomy End Cap

LENGTH	REF
40 mm	MOI 31522040



### Stepped Locking Screw Ø2.7mm

LENGTH	REF
20 mm	MOI 31523020
22 mm	MOI 31523022
24 mm	MOI 31523024
26 mm	MOI 31523026
28 mm	MOI 31523028
30 mm	MOI 31523030



### Olecranon Osteotomy Nail

LENGTH	REF
65 mm	MOI 31352065



### Stepped Locking Screw Ø2.7mm

LENGTH	REF
32 mm	MOI 31523032
34 mm	MOI 31523034
36 mm	MOI 31523036
38 mm	MOI 31523038
40 mm	MOI 31523040
42 mm	MOI 31523042
44 mm	MOI 31523044
46 mm	MOI 31523046
48 mm	MOI 31523048
50 mm	MOI 31523050

