

ST.A.R.90 F4 Elbow

Articulated external fixator



Stable unilateral elbow fixator

Controlled flexion and extension

Patient friendly, low profile

*Stable guided movement
about the Elbow*

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Essential Moves in Trauma

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ST.A.R.90 F4 Elbow

Articular bone and/or acute ligament elbow lesions (unstable dislocations, unstable fractures dislocations, multi fragmentary fractures in association with internal osteosynthesis) chronic joint injuries of the elbow (elbow instability, stiffness).

- ✓ Universal Unilateral Elbow Fixator (Left and Right)
- ✓ Versatile bone screw positioning
- ✓ Self Drilling double diameter cortical bone screws
- ✓ Controlled Micrometric articular distraction

Radiolucent articular component for good X-ray visualization



Clinical case example Elbow fracture dislocation

Courtesy of Dr. P. Gabellieri
U.O. Ortopedia e Traumatologia
Ospedale civile di Cecina (LI)



Pre-op



Post-op



Fixator removal

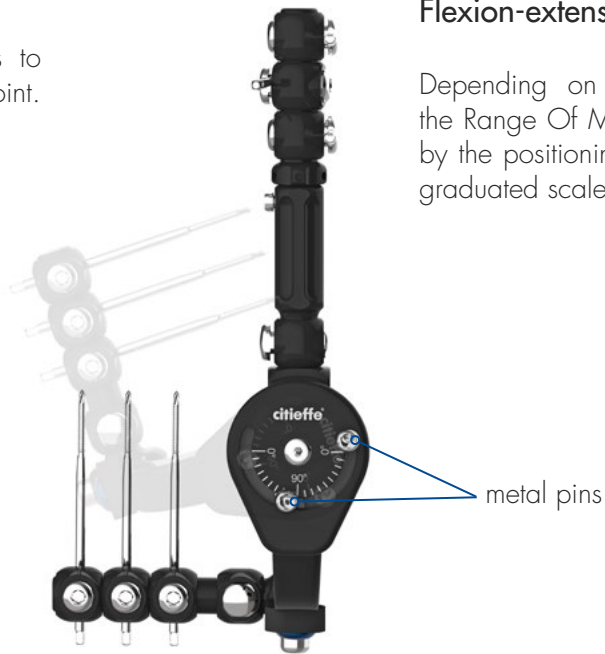
Bibliographic references

Maniscalco P, Pizzoli AL, Renzi Brivio L, Caforio M. Hinged external fixation for complex fracture-dislocation of the elbow in elderly people. *Injury*. 2014 Dec;45 Suppl 6:S53-7.

Optional accessories

R.O.M. (Range Of Motion) limiter

Radiolucent accessory that allows to control the flexion-extension of the joint.



Flexion-extension control

Depending on the treatment requirements, the Range Of Motion (R.O.M.) is determined by the positioning of the 2 metal pins on the graduated scale.

Flexo-extension device

Accessory that allows to force the joint movement of the elbow.



Induced flexion-extension

Indicated in cases of stiffness or deficit in extension.

Extension

Accessory that allows distal positioning of the ulnar bone screw clamps up to 7 cm.



Distal extension of the ulnar screws

Indicated where internal fixation, or soft tissue injuries, prevent ulnar bone screws insertion in the standard positions.

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Articulated
external fixator



EXTERNAL
fixation



monolateral
fixators



articulations

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