

Galaxy Fixation[®]

System

In a world of trauma
a Galaxy of solutions



Single components, infinite solutions

Simple: one clamp for rod-to-rod and pin-to-rod connections

Easy: snap-in system, provisional tightening by hand, definitive cam closure in one step

Versatile: sterile kits for each anatomical site, sterile single-packed components, instrument and implant trays

Stable: internal teeth and locking profiles designed to provide high torsional strength and avoid components sliding



Bibliography

Giotakis N., Narayan B. Stability with unilateral external fixation in the tibia. *Strat Traum Limb Recon* (2007) 2:13–20.

Behrens F, Johnson W. Unilateral External Fixation Methods to Increase and Reduce Frame Stiffness. *Clin Orthop Relat Res* 1989;241:48-56.

All clamps are also available sterile single-packed.

They can be ordered using the item code number preceded by 99- (e.g. 99-93010).



93010 Large

To be used with
12mm Rod and
6mm Shaft Bone
Screws



93030 Large-Medium Transition Clamp (Sterile)

To be used with
12mm Rod (Blue
Part), 9mm Rod
(Yellow Part) and
4mm Shaft Bone
Screws



93110 Medium

To be used with
9mm Rod and 6mm
Shaft Bone Screws



93310 Small

To be used with
6mm Rods and
4mm Shaft Bone
Screws



93020 Large Multi Screw Clamp

To be used with
12mm Rod and 6mm
Shaft Bone Screws

FAST CLOSURE

Metal Ring

Pre-closure by hand without the need of wrench

FAST LOCKING

Cam closure in one step

TORSIONAL STRENGTH

Internal Spring +
Locking profile

designed to provide high torsional strength on rod

STABILITY

Internal teeth+spring

to provide "friction clutch" between the 2 parts of the clamp to avoid sliding during surgery

THE SYSTEM IS MRI CONDITIONAL at 1.5 and 3 Tesla
More details are available on relevant Instructions For Use - PQGAL



93040 Double Multiscrew Clamp Large

To be used with
12mm Rods and 4
or 6mm Shaft Bone
Screws



93120 Medium Multiscrew Clamp (Sterile)

To be used with
9mm Rod and 6mm
Shaft Bone Screws



93140 Double Multiscrew Clamp Medium

To be used with 9mm
Rods and 4 or 6mm
Shaft Bone Screws



93330 Small Multiscrew Clamp-Short

To be used with
6mm Rods and 3
or 4mm Shaft Bone
Screws



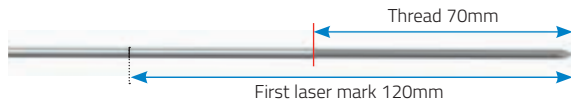
93320 Small Multiscrew Clamp-Long

To be used with
6mm Rods and 3
or 4mm Shaft Bone
Screws

Shoulder components

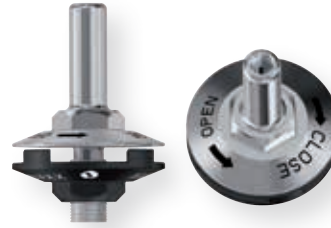
THREADED WIRE (93100)

It is self-drilling and self-tapping. The wires have been marked at 120 and 165mm to verify the correct insertion depth. Full length of the wire: 300mm, \varnothing 2.5mm.

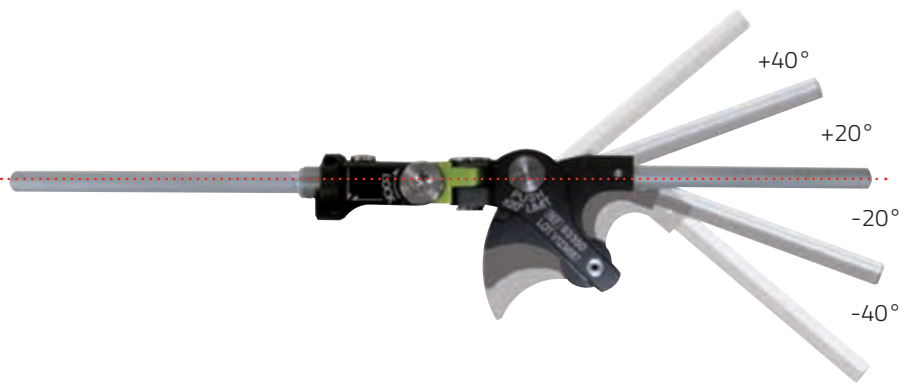


WIRE LOCKING CLAMP

Consists of two disks that lock the 2.5mm Threaded Wire passing through the clamp.



Wrist components



JOINT MOBILIZATION DURING TREATMENT

($\pm 20^\circ / \pm 40^\circ$) for improved functional recovery and Patient comfort.

RADIOLUCENCY

for appropriate fracture site visibility

EASY COMPRESSION AND DISTRACTION

BRIDGING



NON BRIDGING

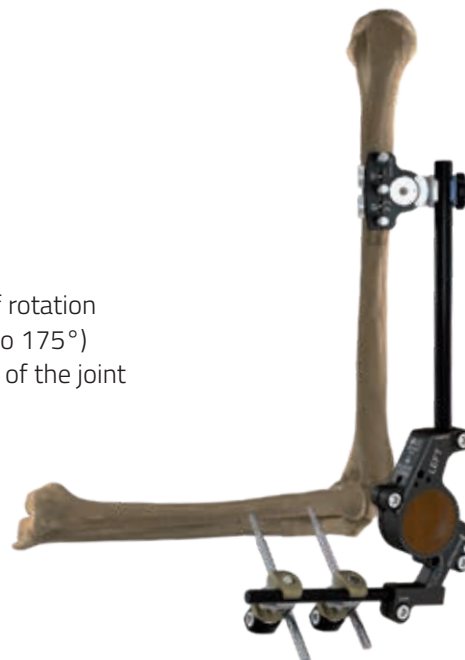


Elbow components



ELBOW HINGE Radiolucent hinge

Allows identification of the centre of rotation of the elbow, flexion-extension (up to 175°) and micrometric distraction (15mm) of the joint



ELBOW MOTION UNIT

Allows controlled, limited flexion-extension of the joint



ELBOW DISTRACTOR

To distract the joint intra-operatively in case of elbow stiffness

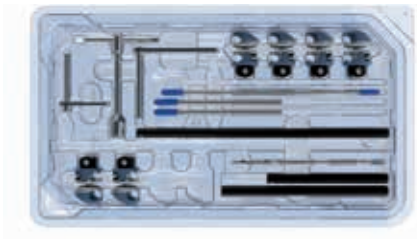


Get it all sterile!

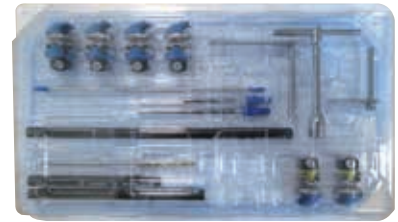
Besides the sterile pre-packaged kits, Galaxy Fixation System offers all **clamps and rods single-packed and sterile**, except for the 6mm L-rod cod. 936010.

They can be ordered using the item code number preceded by 99- (e.g. 99-939300).

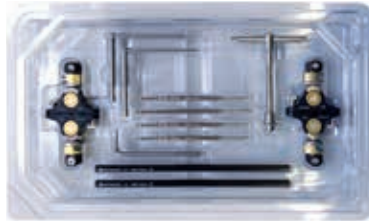
99-93503 Ankle Sterile Kit



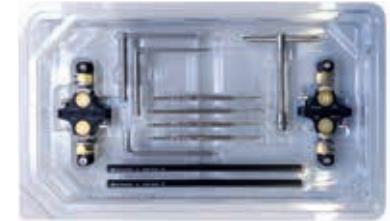
99-93499 Ankle Sterile Kit - Transfix Pin \varnothing 4mm



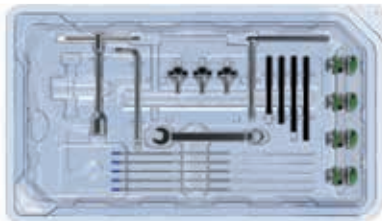
99-93520 Galaxy Medium - Paediatric Sterile Kit - \varnothing 5mm screw thread



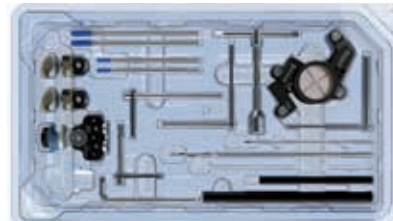
99-93521 Galaxy Medium - Paediatric Sterile Kit - \varnothing 4mm screw thread



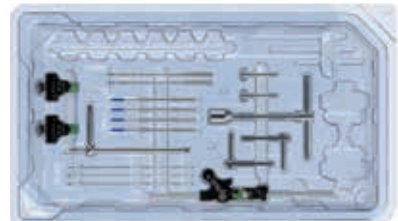
99-93505 Galaxy Shoulder Sterile Kit



99-93504 Galaxy Elbow Sterile Kit



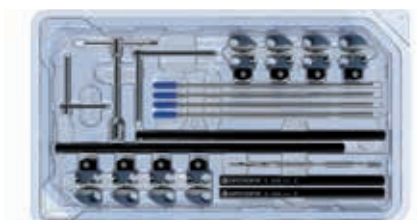
99-93601 Galaxy Wrist Sterile Kit



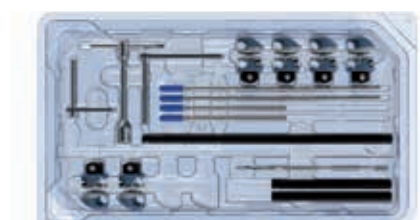
99-93498 Galaxy Small Z-Configuration Sterile Kit



99-93501 Pelvis Sterile Kit



99-93502 Lower Limb Diaphyseal Sterile Kit



For all-non sterile components, sterilization trays, item list and part numbers please see **Operative Techniques GF-1101-OPT** and **GF-11-02-OPT** or "Galaxy Fixator" Section of Orthofix General Catalogue.



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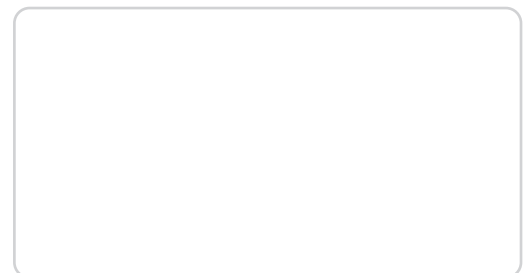
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