External Fixation

References

Collinge C, Kennedy J, Schmidt A
Temporizing External Fixation of the Lower Extremity: A Survey of the Orthopaedic Trauma Association Membership, Orthopedics (United States), Apr 16 2010, p239-244

Haskawecz B

Vining N, Pasque C
External Fixation About the Knee in High-energy Wound Injuries, Techniques in Knee Surgery: March 2010 - Volume 9 - Issue 1 - pp 2-10

Part Number | Description
--- | ---
0225 | 4.0mm Calibrated Drill
0249 | 2.0mm Drill
0269 | 4.0mm Drill Guide
0611 | 5.0mm Sheath
1151-100 | Clamp, 5.0mm Pin - 9.5mm Rod
1151-200 | Clamp, 9.5mm Rod - 9.5mm Rod
1153-175 | Carbon Fiber Rod, 8.5mm x 175mm
1153-200 | Carbon Fiber Rod, 8.5mm x 200mm
1153-250 | Carbon Fiber Rod, 8.5mm x 250mm
1153-300 | Carbon Fiber Rod, 8.5mm x 300mm
1153-400 | Carbon Fiber Rod, 8.5mm x 400mm
1153 | Wrench
1154-100 | T-Wrench Pin Inserter
1158 | Multi Pin Clamp
1159-100 | 5.0mm x 180mm Threaded Half Pin
1160-220 | 5.0mm x 220mm Threaded Half Pin
1181 | 6.0mm Threaded Center Pin
1182 | Threaded Half Pin 3.0mm x 100mm
Pin Insertion
Insert the self-drilling 5.0mm Threaded Half Pin (1160) into the pilot hole using the 5.0mm Sheath (0611) and T-Handle Pin Inserter (1154-100). If pre drilling is desired, a 4.0mm Calibrated Drill (0225) can be used.

Note: If preferred, power may be used.

Bar to Clamp (Snap On)
Attach the optimal length Carbon Fiber Rod with snap on feature and tighten for stability using the Wrench (1153).

Bar to Bar - Blue & Blue
Connect units with appropriate length Carbon Fiber Rods utilizing the snap on Bar-to-Bar Clamps (1151-200).

Secondary Pin
Insert the 4.0mm Drill Guide (0326) through the next desired hole for pin placement and drill secondary hole using the self-drilling 5.0mm Threaded Half Pin (1160). If pre drilling is desired, a 4.0mm Calibrated Drill (0225) can be used. Remove Drill Guide and insert the self drilling 5.0mm Threaded Half Pin using the T-Handle Pin Inserter.

Note: If Drill Guide is not used, 5mm should be subtracted from the depth of the 4.0mm Calibrated Drill.