

Eight Plate

Surgical Technique



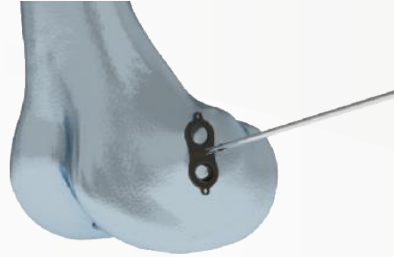
Surgical Technique

With use of cannulated screw

- ① Place a 1.5 mm Guide Wire in the physis, and then use C- Arm to confirm its position.



- ② Over the Wire, apply the Eight-Plate.



- ③ Epiphyseal and metaphyseal guide wires should be inserted using the drill guide in respective order. It is more crucial to avoid the physis than it is for these two guides to be parallel. Take off the center guide wire and use C- Arm to assess the position.



- ④ Drill to a depth of 5 millimetres using the drill guide and step-cannulated drill bit. Drill the metaphyseal hole first, then the epiphyseal hole.



- ⑤ Add two self-tapping cannulated screws. Up until the screws are completely seated in the plate and the plate is flush with the bone, advance the two bone screws alternately.

- ⑥ Remove the guide wires and give each screw one to two additional turns at this stage. Be sure to take note of the screw's location both near and far from the physis. Although they are not required to be parallel, screws must never enter the physis.

Check with C-Arm to ensure screws are fully seated.

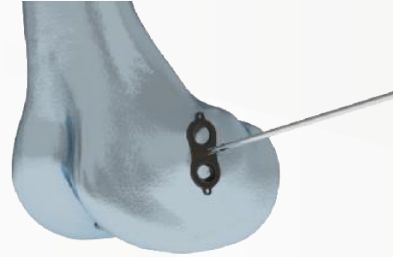


With cortex screw

- 1 Place a 1.5 mm Guide Wire in the physis, and then use C- Arm to confirm its position.



- 2 Over the Wire, apply the contoured eight-Plate.



- 3 Epiphyseal and metaphyseal guide wires should be inserted using the drill guide in respective order. It is more crucial to avoid the physis than it is for these two guides to be parallel. Take off the center guide wire and use C- Arm to assess the position.



- 4 Drill to a depth of 5 millimetres using the drill guide and step-cannulated drill bit. Drill the metaphyseal hole first, then the epiphyseal hole.



- 5 Remove the guide wire in the epiphyseal hole prior to solid screw placement. Advance the solid screw into the epiphysis approximately half-way.

- 6 Before going back to the epiphyseal screw, remove the guiding wire from the metaphyseal hole and move the solid screw about halfway. Up until the screws are completely seated in the plate and the plate is flush with the bone, advance the two bone screws alternately.



Note:The position of the screws proximal and distal to the physis. Screws do not need to be parallel, but should never enter the physis.

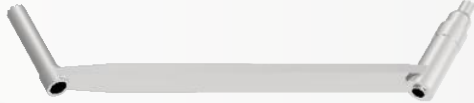
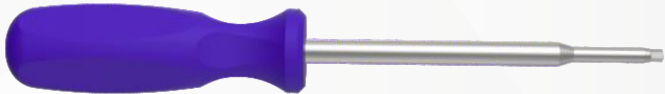
Check with C-Arm to ensure screws are fully seated.

Remove the guide wire in the epiphyseal hole prior to solid screw placement. Advance the solid screw into the epiphysis approximately half-way.

Implants

CC201.01 Eight Plate 	452 Cortex Screw 4.5mm (Self Tapping) 
309 Cortex Screw 4.5mm (Self Tapping) 	

Instruments

328A.15 K Wire (Double Side Trocar Tip) 1.5mm x 100mm 	605A.045 Universal Drill And Tap Sleeve 4.5/3.2mm 
602.009 Drill Bits 3.2mm x 130mm for Jacobs Chuck 	659.035 Screw Driver Cannulated 3.5mm Tip 



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