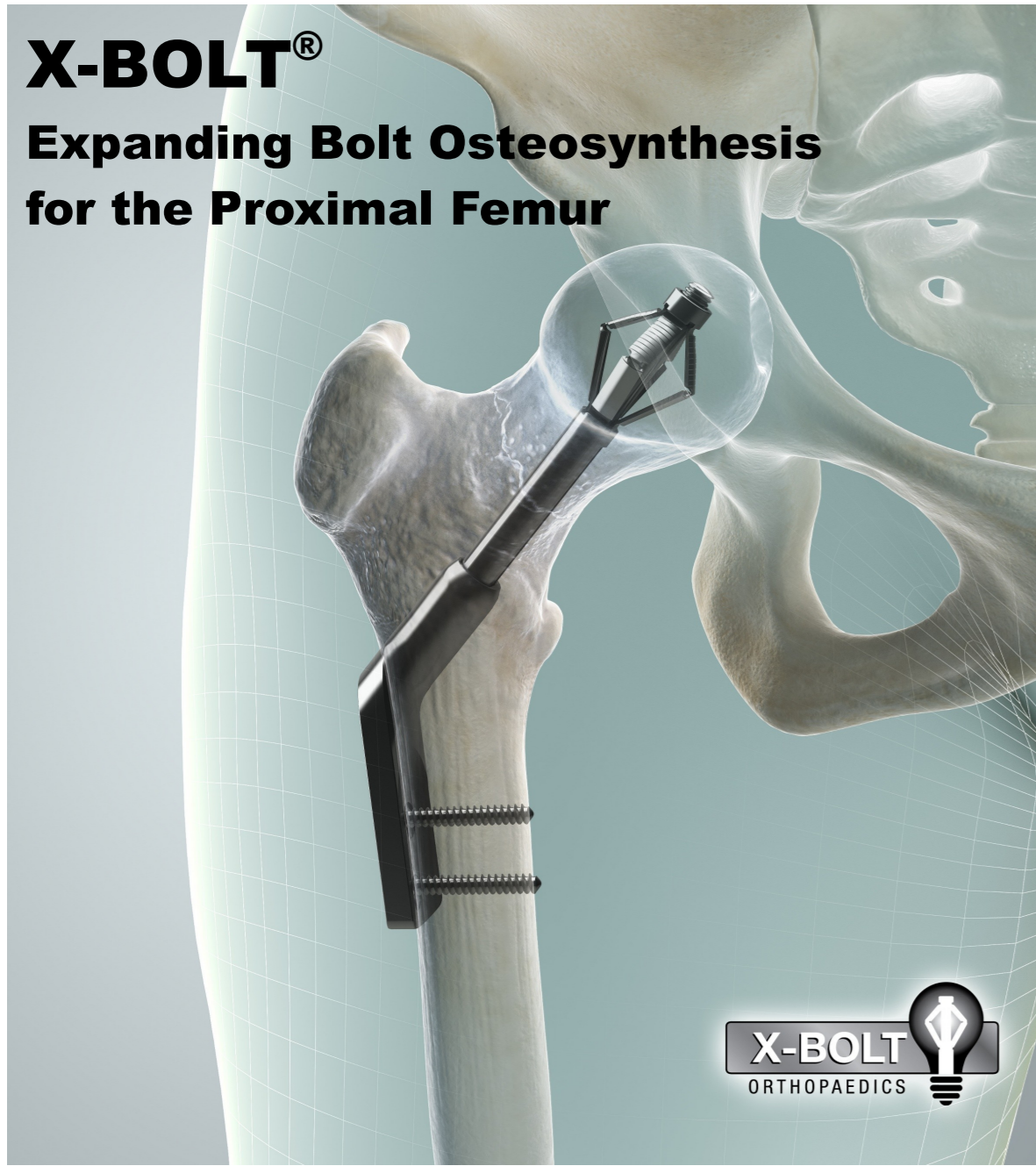


X-BOLT®

Expanding Bolt Osteosynthesis for the Proximal Femur



X-BOLT® Dynamic Plating System features

- ◇ 60% greater frontal load area
- ◇ Stronger resistance to 'cut-out'
- ◇ Rotational stability with one centrally placed device
- ◇ Dynamic fracture compression without rotation

HOW IT WORKS

Standard clockwise screwdriver deploys the X-BOLT®.
Anticlockwise rotation retracts the wings.
Flat-keyed plate barrel prevents counter-rotation.

Maximal expansion is always visible on fluoroscopy.

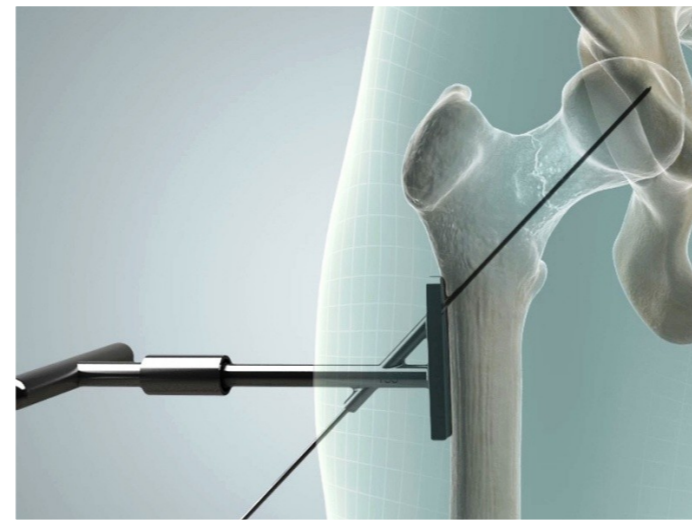
Wings expand perpendicularly, hence no disruptive forces are transmitted to the femoral head.

Compresses local cancellous bone to increase hold.

X-Bolt® is a registered trademark of X-Bolt Orthopaedics
SOTA Orthopaedics Limited, trading as X-Bolt Orthopaedics, is registered in Ireland, number 439651
European Patent No. EP 2175790 and US Patent Application No. 12/667,513
SURGT-SOTA-XPLATE-002, Revision 2, Issue Date: 04/2012
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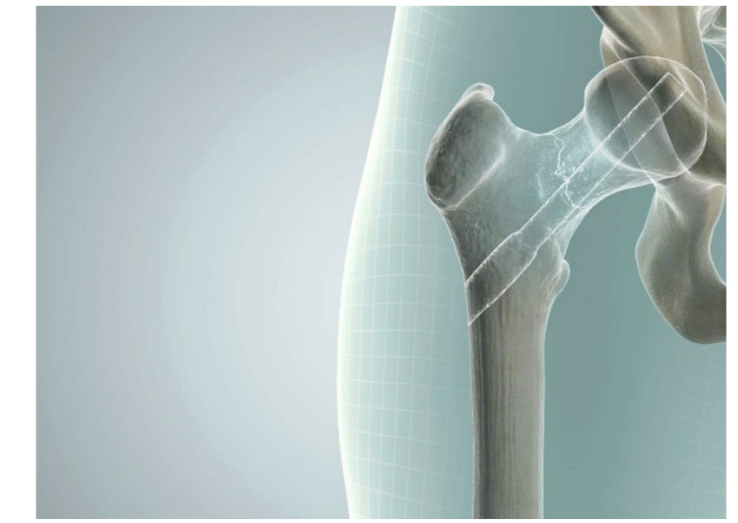
X-BOLT® DYNAMIC HIP PLATING



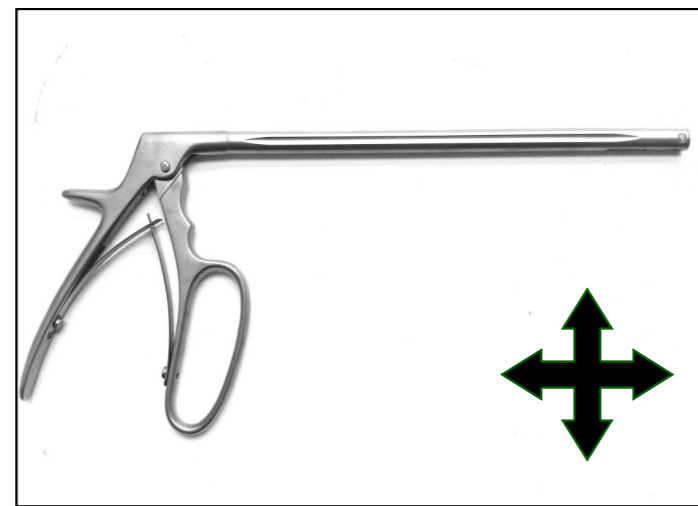
1. Guidewire, measure depth



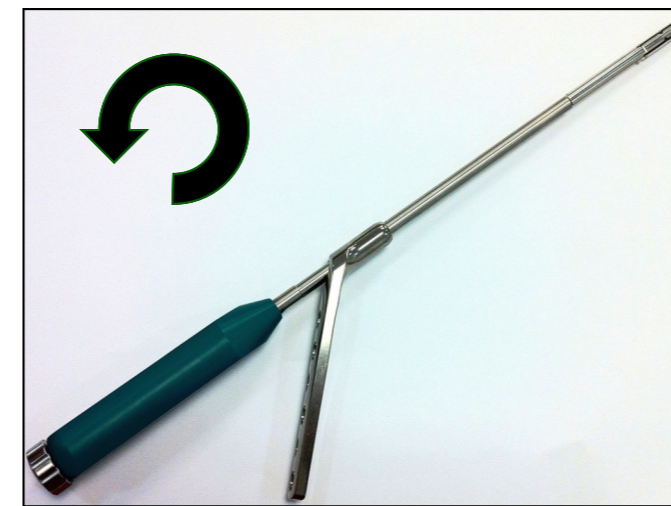
2. Ream to measured depth
Subtract approx 5mm for X-Bolt



3. Reamer & Guidewire removed



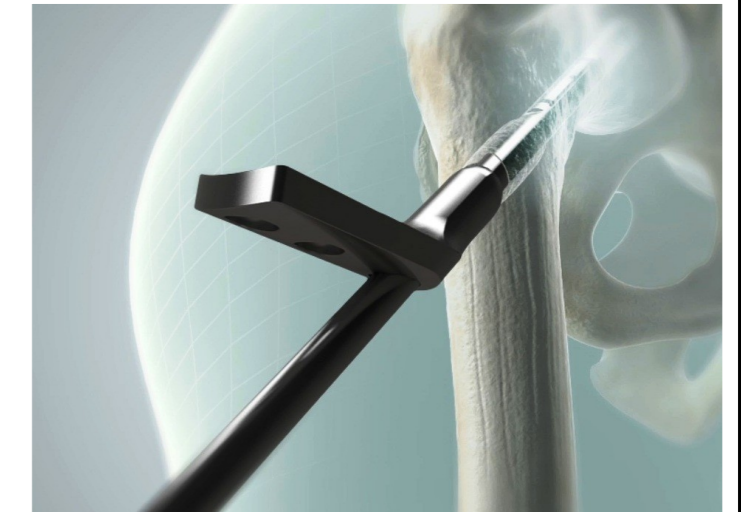
4. Bone compactor to create cavity for X-Bolt wings



5. Slide plate, then mount X-Bolt with ANTI-CLOCKWISE rotation



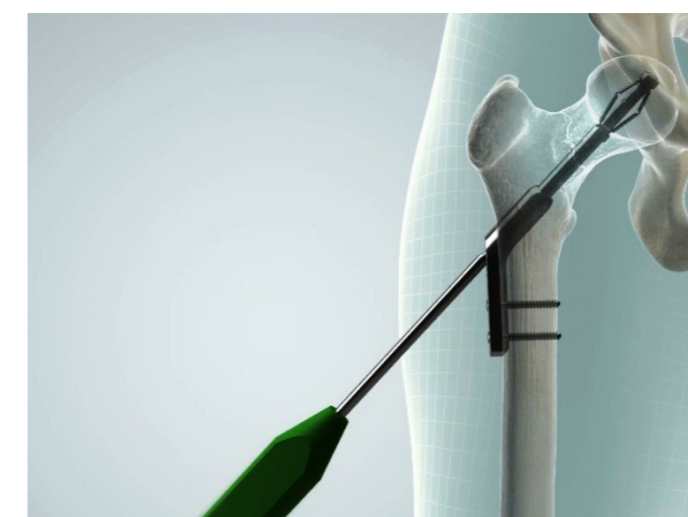
6. Insert X-Bolt on holding rod into femoral head



7. Rotate & advance into position. Remove rod



8. Drill, measure & insert plate screws



9. Deploy X-Bolt with screwdriver



10. Final position