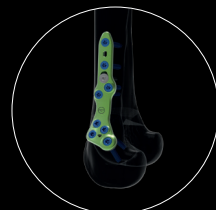
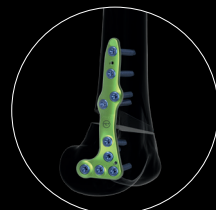
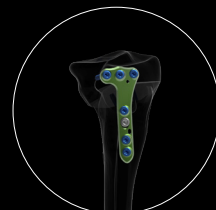
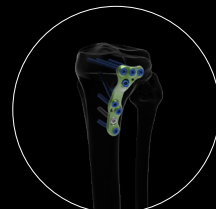
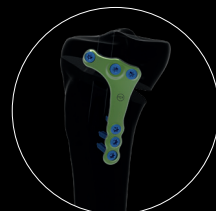
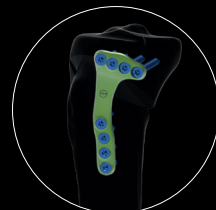
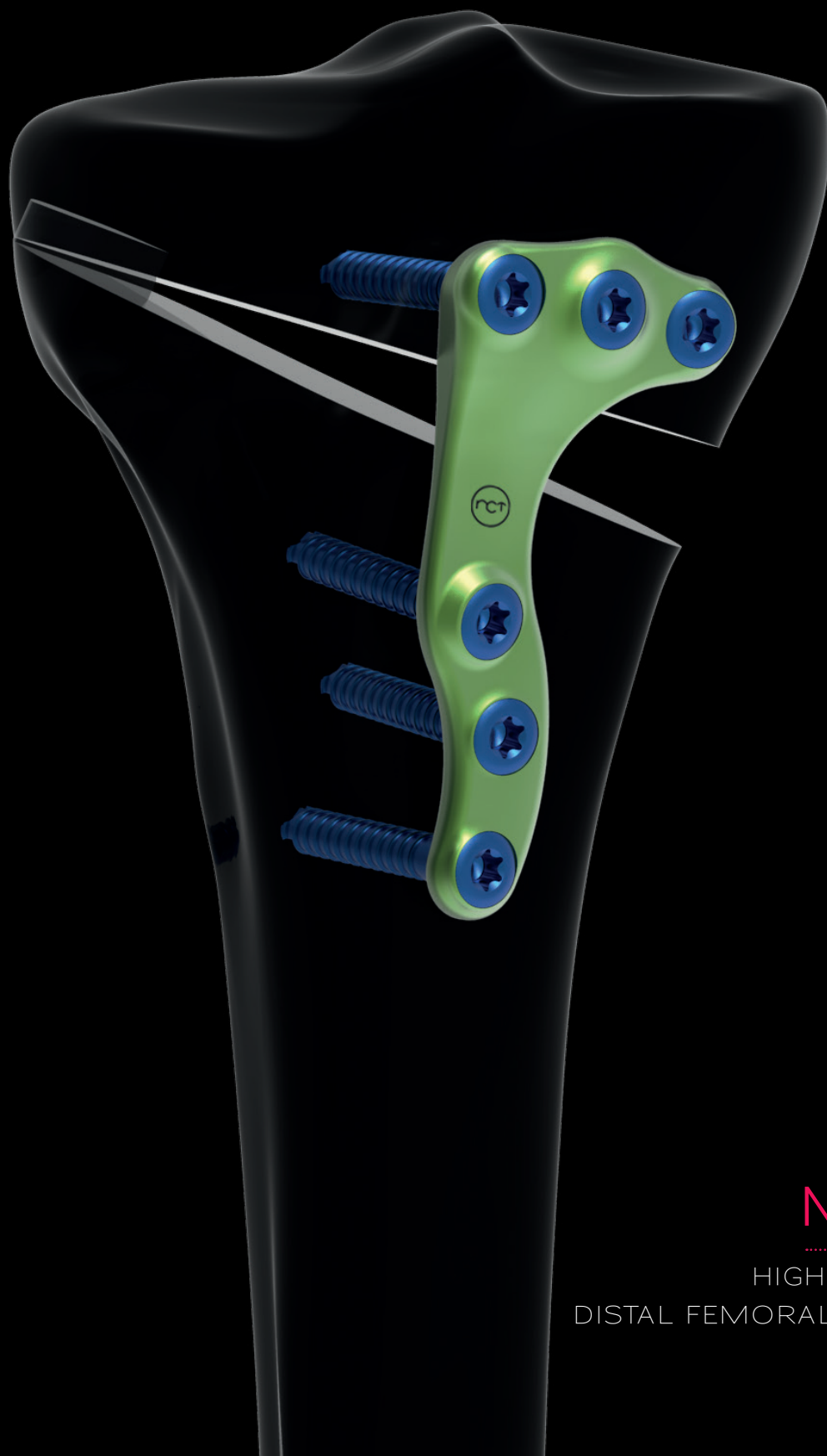




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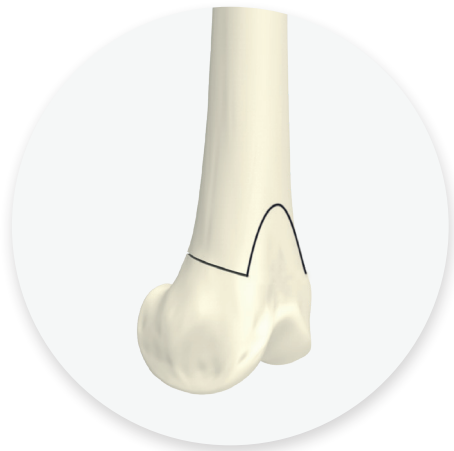


ACTIV
MOTION

HIGH TIBIAL OSTEOTOMY &
DISTAL FEMORAL OSTEOTOMY PLATES

SURGICAL TECHNIQUE

LATERAL OPENING WEDGE DISTAL FEMORAL OSTEOTOMY PLATE (PAGE 1 / 2)



1. Perform the osteotomy using an oscillating saw: the cut starts 30 mm from the insertion of the lateral ligament and ends at around 10 mm from the medial cortex.

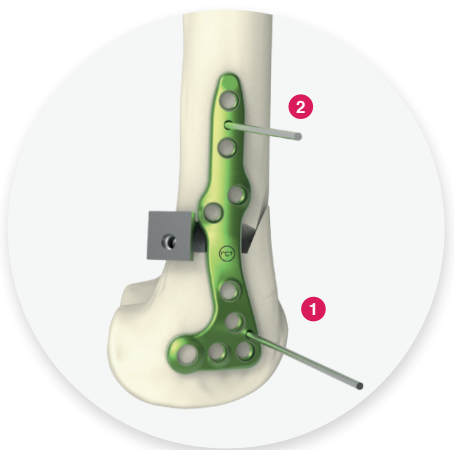


2. Insert wedges of increasing sizes until finding the appropriate one (4 - 18 mm) while maintaining the medial surface of the femur. Once the appropriate wedge has been inserted, the angular correction is maintained during osteosynthesis.

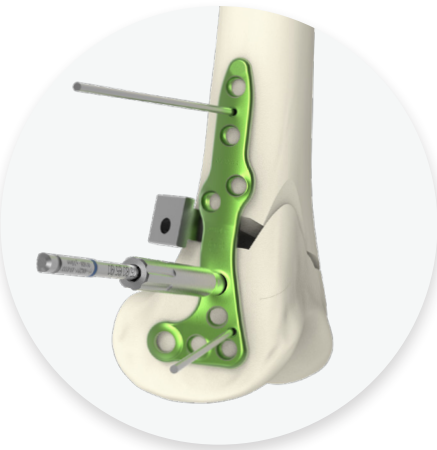
Alternatively, chisels or the meary pliers can be used to increase the size of the opening (see page 14 for more information).



3. Position the plate onto the lateral surface of the distal femur. The polyaxial hole must be positioned at the level of the insertion of the lateral collateral ligament.



4. Stabilize the plate using the pins (33.0222.200). Insert the first pin on the distal part (1). Then, insert the second pin on the proximal part (2) so that the plate is placed alongside the femoral diaphysis.

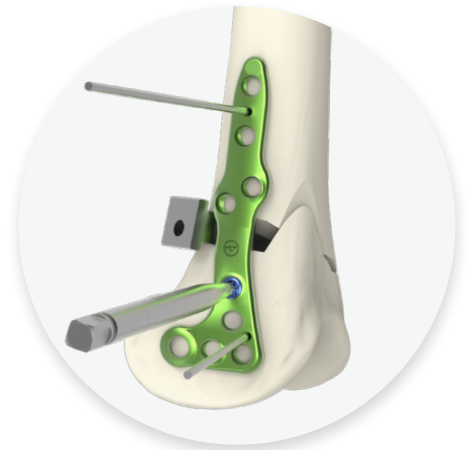


5. Lock the first Ø4.0 mm drill guide (ANC998) in the hole under the osteotomy cut, then start drilling using the Ø4.0 mm drill bit (ANC211).

N.B. to help lock the drill guide in the plate, use the hexagonal part of the screwdriver (ANC975).



ANC975



6. Remove the drill guide and then insert and lock the Ø4.5 mm screw (ST4.5LxxD-ST) the screw using the screwdriver (ANC975). Final tightening of the screws must be performed by hand.

N.B. to ease the insertion of the screws, use the countersink (ANC120-US) to widen the first cortex previously drilled. If the insertion of the screw is difficult, remove the screw, countersink, and insert the screw again.



ANC120-US

SURGICAL TECHNIQUE

LATERAL OPENING WEDGE DISTAL FEMORAL OSTEOTOMY PLATE (PAGE 2/2)



7. Proceed similarly for the insertion of the screw into the hole situated above the osteotomy cut.

Then, remove the two pins.

8. Lock the Ø4.0 mm drill guide (ANC998) into the polyaxial hole. If necessary, adjust the drilling direction in order to avoid the intercondylar notch. Before drilling, a pin can be inserted through the reductor of the drill guide (ANC1009) (1). Start drilling using the Ø4.0 mm drill bit (ANC211). Determine the screw length directly on the drill, at the rear of the drill guide or with the length gauge (ANC210). When reading the screw length on the length gauge (ANC210) in the epiphyseal part of the bone, please add 3 mm to the markings read.



ANC210

Then, insert the Ø4.5 mm locking screw (ST4.5LxxD-ST) using the screwdriver (ANC975).



ANC975



FINAL RESULT

Repeat previous steps to insert the remaining Ø4.5 mm locking screws. The construct is complete when the metallic wedge is removed.

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