

## X-TPLO - Surgical Technique



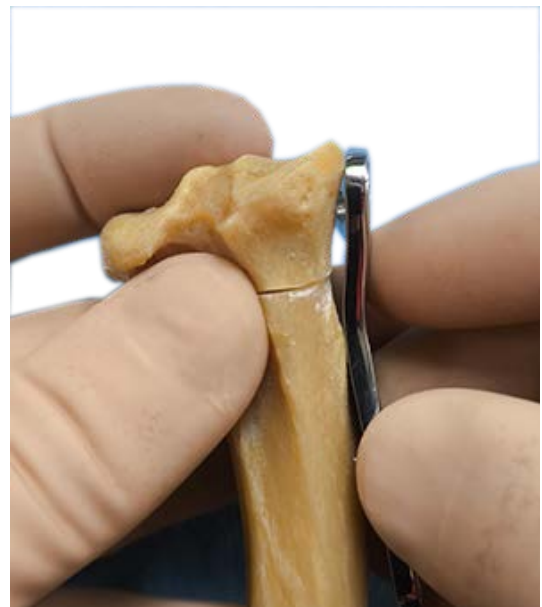
Circular osteotomy



Check for overall fit of the plate to the bone



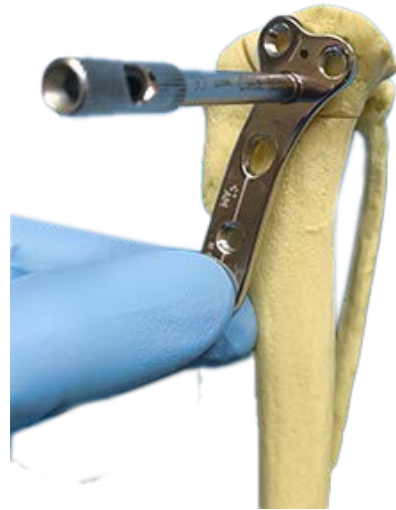
Do NOT try to fit the tibia to the plate



Just put the proximal part of the plate in contact with the medial cortex of the tibia



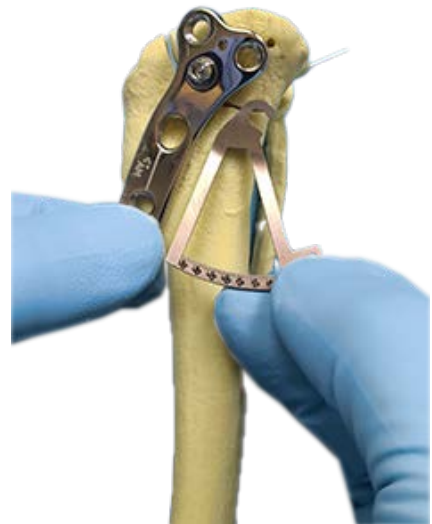
The ideal position of the proximal cortex is slightly lateral compared to the distal one



Identify the position for the first screw just caudal to the middle of the osteotomy



Insert the first screw without tightening it



Select the correct intraoperative guide



Hook the guide under the head of the screw



Align the vertical arm of the guide with the tibial axis and stabilize it by a K wire in the slot



Align the line on the plate with the planned angle on the guide



Stabilize the plate by a K wire in the proximal hole



Insert and tighten the second proximal screw.  
Remove the proximal K wire.



Remove the guide and tighten the first proximal screw



Insert and tighten the third proximal screw



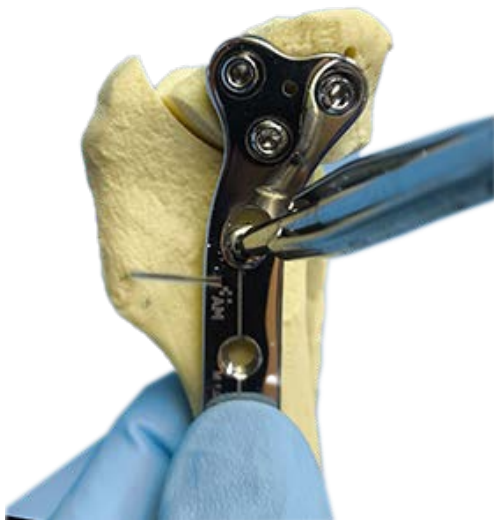
Apply the dedicated forceps to the cranial side of the plate and to the caudal tibia



Apply progressive compression to the forcep and bring the plate in alignment with the long axis of the tibia



Insert a K wire in the distal hole of the plate to stabilize it in the desired position



Insert and tighten first the cortical screw in the DCP hole in compression mode



Stabilize the plate with the distal locking screw



Complete the stabilization with the  
second distal locking screw