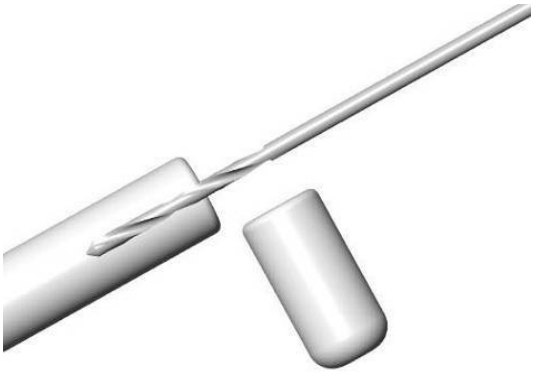
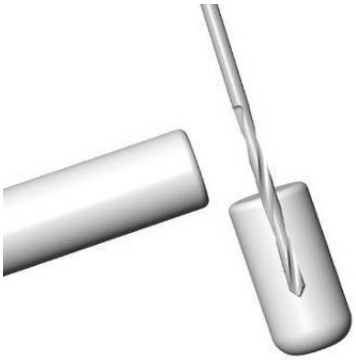
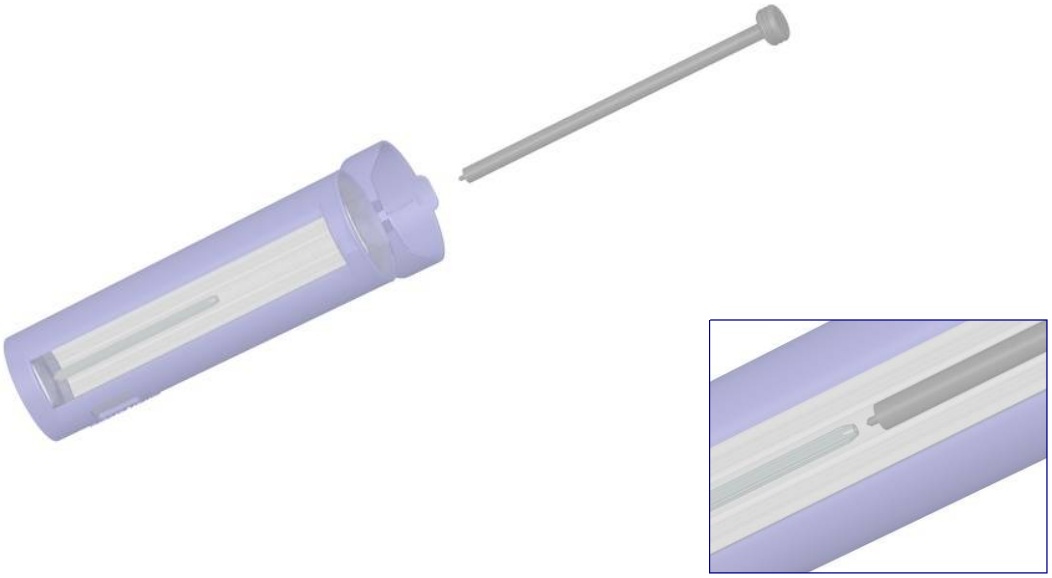
SURGICAL TECHNIQUE FOR ActivaPin™ Fusion

1. Select the appropriate ActivaPin™ Fusion implant for the indication.
2. Prepare the treated fusion/fixation line by applying standard principles of orthopaedics and traumatology.
3. Drill holes which correspond to the implant diameter into the proximal and distal sides of the fusion/fixation plane. To prevent overdrilling, multiple reaming with drill bit should be avoided. However, the drilling depth should be sufficient especially in the distal fusion/fixation part in order to achieve to stable fixation.

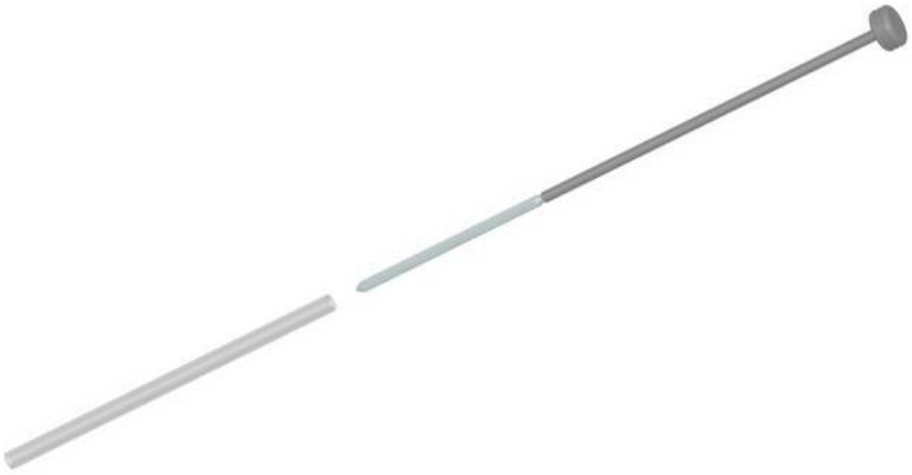




4. Open ActivaPin™ Fusion HOLDER cap.
5. Pick the implant by pushing the ActivaPin™ Fusion APPLICATOR PISTON distal head into the ActivaPin™ HOLDER until it is attached to the implant.

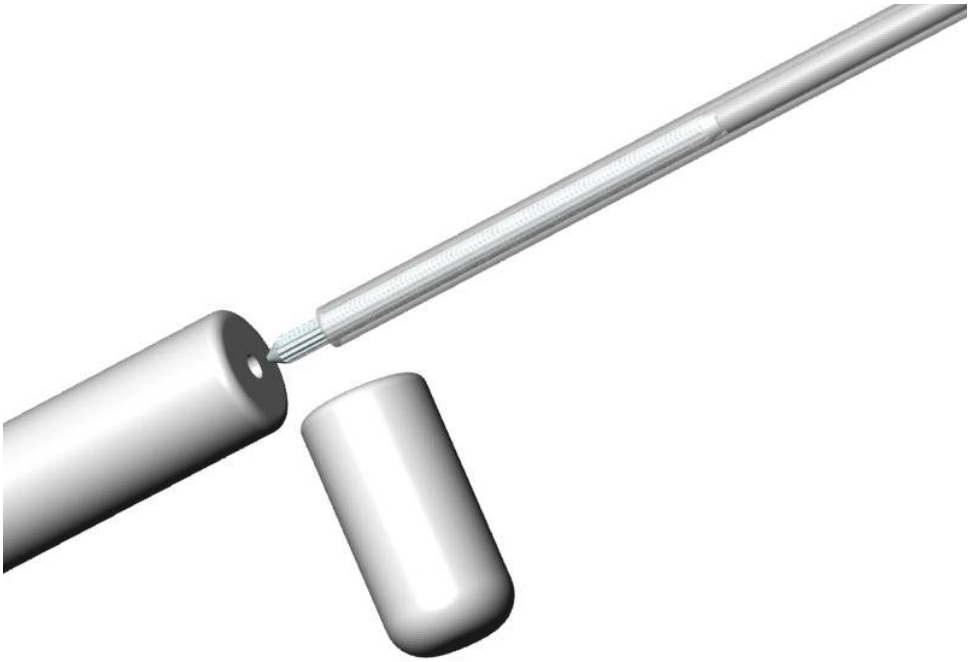


6. Slide attached implant and piston inside to the ActivaPin^{TM} Fusion Applicator TUBE.

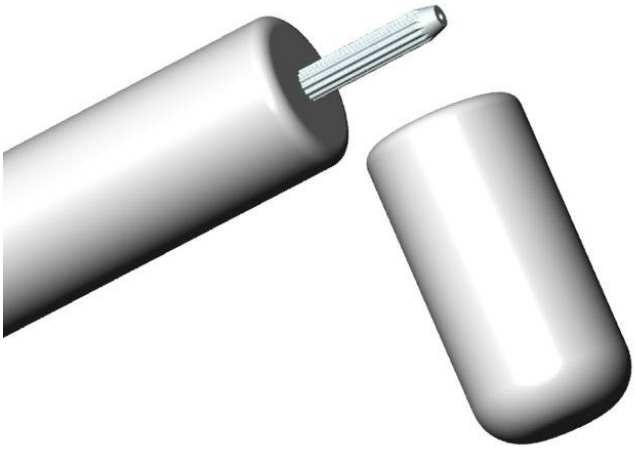


7. Introduce the implant into the hole on the proximal side of the fusion/fixation plane by sliding the PISTON.

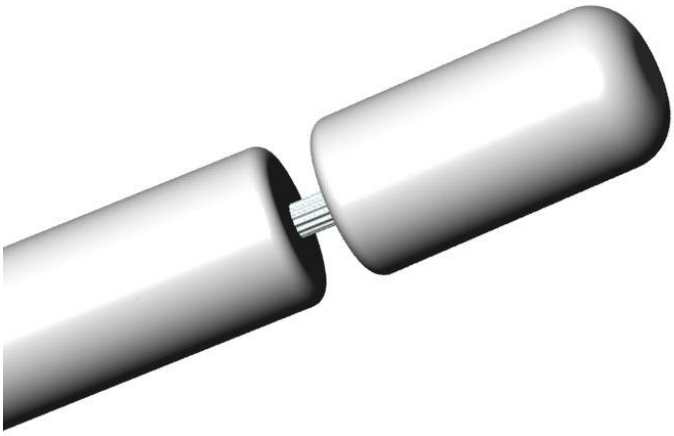
8. During insertion, hold the applicator and the implant parallel to the long axis of the drill hole so that it slides easily to the drill hole. Insert the implant by lightly tapping the PISTON with a mallet.

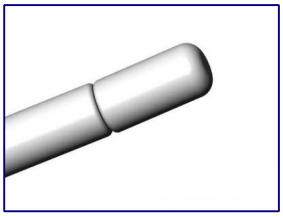


9. Tap the PISTON until the wanted implantation depth is achieved. ActivaPin™ Fusion applicator is designed to leave the implant 10 mm out of the proximal hole when piston is tapped to the end of the tube.



10. Place the distal fusion/fixation part over the protruding implant and push the part into the right position. After insertion of device, it is nearly impossible to correct the alignment of device by rotating. If the alignment is incorrect, the distal part can be pulled of from the fusion device and repositioned in the correct angular position or the device can be removed by overdrilling.





11. After fixation, the wound is closed in layers applying standard principles of orthopaedics and traumatology.
12. On the basis of surgeon's decision radiographs are taken before wound closure.
13. Meticulous hemostasis and complete primary skin closure over the implant are essential.

REMARK:
Prior to using Bioretec Implants examine thoroughly the Instructions For Use - inside each product package.