



GESCO HEALTHCARE PRIVATE LIMITED

— EN ISO 9001 : 2008 & EN ISO 13485 : 2012 —

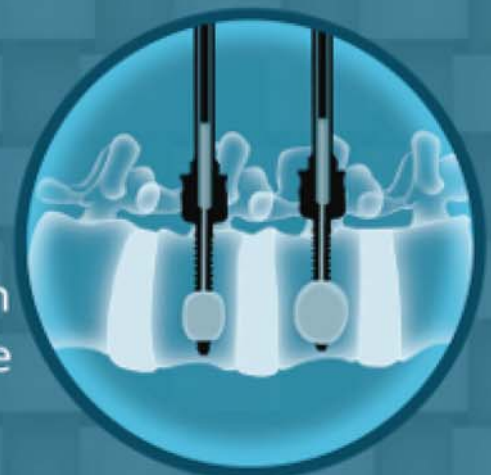


Fenestrated Screw System For Osteoporotic Bone

Surgical Technique



Fenestrated Screw System
For Osteoporotic Bone





PREPARATION

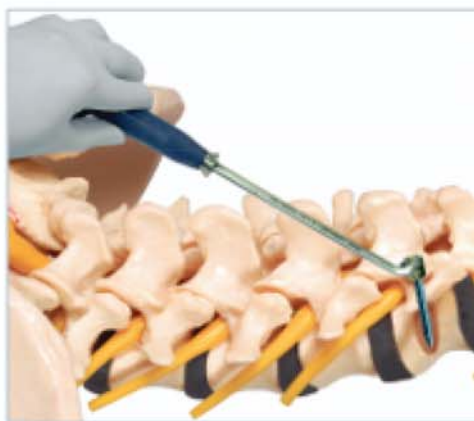
The starting point for the screw is marked using the Alpha Awl (from the Alpha Lock Tray), and is prepared using the Taper Tip Probe and tap. Note: Two sizes of the Taper Tip Probe and Tap are available. The depth gauge (from the Alpha Lock Tray) can be used to determine the appropriate screw lengths.





INSERTION

With the pedicles prepared and the screw diameter and length determined, fully insert the hex end of the Poly-screw driver into the screw head. Next thread the screw driver into the screw head. The combination of the hex head, flat head and the threaded sleeve provides a stable insertion instrument for inserting the poly axial screws bilaterally.



When fully inserted, the fenestrated pedicle screws can be aligned with the help of a Rocker (AI-RA), from the Alpha Lock Instrumentation tray.



Whilst holding the head of the screw with the Rocker, the Cement Cannula is inserted into the head of the Pedicle Screw.



Fill the syringe with the required amount of cement.

With the cement cannula fully tightened, the syringe containing cement is secured to the Cement Cannula via the leur lock thread.



Once fully secured the cement is plunged by carefully lowering the plunger.



Once the maximum amount of cement that can be accommodated by the osteoporotic bone and the cement screw is expelled, there will be a certain degree of resistance experienced. This is the point the syringe is removed.



Use the cement plunger, which comes as part of the Cement cannula set, to fully and evenly disperse any remaining cement in the Cement cannula through the nine Cement dispersion holes in the Fenestrated Pedicle Screw. The cement cannula is now removed.





Using Cement Pusher For Screws



The Screw cement pusher is plunged through the screw if required.

This dispersion will ensure a good anchorage between the bone and screw.

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