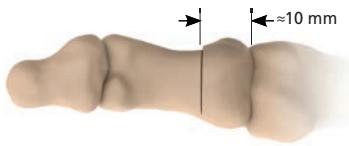




SPEEDARC™ IMPLANT TECHNIQUE OVERVIEW

1 Create the osteotomy and provisionally fixate with a K-wire as necessary.

Note: When used for transverse proximal Akin osteotomies, the location of the osteotomy along the metaphyseal flare should be approximately 10 mm from the first metatarsophalangeal joint line.



2 Determine the SPEEDARC™ Memory Implant size by holding the BME® SPEEDARC™ Staple Sizing Guide (SG-3) along the metaphyseal flare so that the short prong is near the apex of the flare, the prongs are parallel with and equidistant from the osteotomy, and both prongs are touching bone. Use the corresponding slope on the Sizing Guide to verify that the contour of the implant will match the contour of the bone.

Note: A standard SPEED™ Staple Implant may be the more appropriate choice when flat surfaces are encountered.



4 While ensuring full reduction, place the Drill Guide across the fusion site so that the elevated prong, marked by an arrow, is placed proximally for proximal Akin osteotomies and distally for distal Akin osteotomies. The elevated prong should be touching bone and aligned parallel to the osteotomy line. It is acceptable that the other prong of the Drill Guide is slightly off the bone.

Note: The legs of the implant should be at least 4 mm from the osteotomy and, for proximal Akin osteotomies, the proximal leg should not violate the first MTP joint.



3 Open the chosen Implant Kit and its corresponding Drill Kit. Connect the Drill Guide Tip, located in the Implant Kit, to the Drill Guide Handle located in the Drill Kit.



5 Drill the first hole into the proximal segment using the drill bit provided in the Drill Kit until a positive stop is felt. Insert a Pull Pin into the first hole.

Note: The positive stop corresponds to the length of the longer implant leg.



6 While ensuring full reduction, repeat step 5 to create the distal hole.

Optional : Insert another Pull Pin into the second hole. The Drill Guide Assembly can be removed leaving the Pull Pins in place to mark the position of the drill holes.



7 Remove the Insertion Tool containing the SPEEDARC Memory Implant from the Implant Package. Remove the Pull Pins from the pre-drilled holes and align the tips of the legs of the SPEEDARC Implant parallel with the drill holes.

Note: The arrow on the Insertion Tool corresponds to the longer leg of the implant. For proximal Akin osteotomies, this arrow should be proximal to the osteotomy.



8 Insert the SPEEDARC Implant as far as possible into the pre-drilled holes.

Note: To ensure proper implant placement, fluoroscopy may be used prior to releasing the implant.



9 Pull the slider button on Inserter upward to release the implant.



10 Align the supplied Tamp with the bridge of the implant and use as needed to completely seat the implant.



11 Repeat steps 1-10 for each additional implant used.

Tip: If implants are placed at 90 degrees to each other, stagger them to ensure unobstructed insertion.

The above steps are an overview of the surgical technique. Complete information regarding indications, contraindications, warnings, care and caution can be found in the Instructions For Use.

REMOVAL: 1.Expose the site and the bridge of the implant. 2.Using forceps, grasp the center of the implant and remove. If the implant is recessed, then use an elevator to lift the implant bridge and then use forceps to remove the implant. If solidly connected, straight implants can be removed by cutting the center of the bridge of the implant and removing the remnants with an elevator.

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