



SPEED™

IMPLANT

HAND & WRIST TECHNIQUE OVERVIEW

1 Expose, prepare and reduce the fusion site. If necessary, use a K-wire located in the DK-200HW Drill Kit for temporary fixation.

2 Determine the correct Implant bridge size using the BME® SPEED™ Implant Sizing Guide or the BME Drilling Templates located in the DK-200HW Drill Kit.

Note: Leg length will be selected in Step 7 using the BME SPEED Depth Gauge or by reading the calibrated depth lines on the Drill Bit (see Step 4).

3 While ensuring that both bones are in full contact, place the chosen Drilling Template across the fusion site. All prongs of the Drilling Template should be in contact with bone, which may require surface contouring to properly seat the Drilling Template.

Pearl: Accurate positioning of the Drilling Template can be accomplished by driving K-wires into the drill tubes and verifying placement with fluoroscopy.



4 Using the 2.0 mm Drill Bit located in the DK-200HW Drill Kit, create the first hole by drilling through the far cortex or until the far cortex is felt.

Note: The three laser marks on the Drill Bit correspond to 10, 15, and 20 mm when they reach the top of the drill tube.

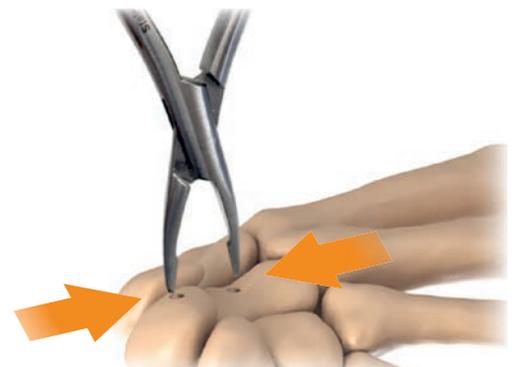


5 Insert a Pull Pin into the first hole and repeat Step 4 to create the second drill hole.

Note: The Drilling Template can be removed leaving the Pull Pins in place to mark the position of the drill holes.



6 Remove the Drilling Template and Pull Pins and, if desired, create a 1.0-1.5 mm trough in line with the two drill holes so that the Implant can be recessed.



7 Use the BME SPEED Depth Gauge to determine the depth of the drill holes and to select the appropriate Implant leg length. For bicortical drilling, use the hook on the pin of the Depth Gauge to engage the opposite face of the bones and determine the depth. For monocortical drilling, insert the pin as far into the hole as possible and add 1 mm to the depth reading obtained.*



8 Remove the Insertion Tool containing the selected SPEED Memory Implant from the Implant package and align the tips of the legs of the Implant parallel with the drill holes.



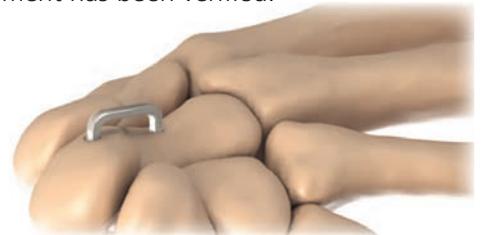
Note: The Drill Guide Tip located in the Implant package may be discarded.

9 Insert the SPEED Memory Implant as far as possible into the predrilled holes.

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



10 Press the distal third of the central button with thumb while simultaneously twisting the Insertion Tool until disengagement has been verified.



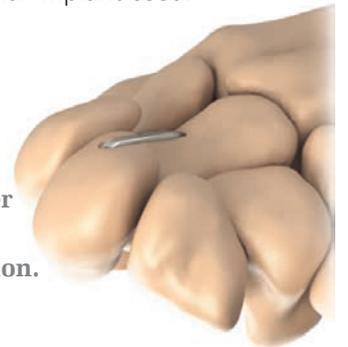
11 Align the Tamp with the bridge of the Implant and use as needed to completely seat the Implant.

Note: Turning the Tamp 45° will allow the Implant to be recessed if a trough was created in Step 6.



12 Repeat Steps 2-11 for each additional Implant used.

Note: If Implants are placed at 90° 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: Cut the bridge with wire cutters and twist and pull each implant leg to remove. If recessed, use an elevator to lift and expose the implant bridge prior to cutting.

*The Depth Gauge is accurate to within +/- 1 mm.


BioMedical Enterprises, Inc.
14785 Omicron Dr., Ste. 205
San Antonio, Texas 78245 USA

EC REP
Emergo Europe
Molenstraat 15
2514 BH The Hague
The Netherlands

Synthes GmbH
Eimattstrasse 3
4436 Oberdorf
Switzerland
Tel: +41 61 965 61 11
Fax: +41 61 965 66 00
www.depuysynthes.com