**MULTIFIX® P system**

With the ability to accommodate 2-4 suture strands and lock suture internally, the 4.5mm MULTIFIX P system gives the surgeon the option to create various biomechanically stable constructs with a smaller implant. Combining the benefit of an all PEEK implant with a pound-in option, the MULTIFIX P system features a streamlined technique and a complete radiolucent implant.

**MULTIFIX P implant**

The MULTIFIX P system features an all PEEK, knotless, pound-in implant that can accommodate up to four suture strands. Ideally designed as a lateral row in a double row construct, the MULTIFIX P implant offers a streamlined technique with tactile tension feedback in a knotless design.
The FIRSTPASS suture passer allows the surgeon to single-handedly pass and retrieve sutures while eliminating the suture shuttling step. The unique precurved nitinol needle ensures reliable suture passing while the 18mm bite depth enables suture placement at the desired location.
Assess the patient’s bone quality prior to use. If, in the physician’s opinion, the bone is hard, create a bone hole using a 3.3mm Spade Drill Bit (OM-9410) or 3.4mm Bone Punch (OM-9420).

**Surgical Technique**

**Preparation**

The bone hole sites are planned by applying traction to the tendon to approximate implant location. The cuff footprint is prepared by removing all soft tissue and creating a smooth bone surface.

A Insert the insertion guide with obturator through the skin incision with the insertion guide handle oriented 180° from the sutures. Remove the obturator from the insertion guide. Using a suture retriever, shuttle sutures into the working portal.

B Using the appropriate drill or bone punch, advance the instrument to the positive stop on the instrument shaft.

   NOTE: Make sure the suture is held taut and away while inserting the punch tap and implant.

C Remove the drill or bone punch from the bone.

   NOTE: If placing more than one implant, ensure bone holes are at least 7mm apart.
Surgical Technique

1. Suture soft tissue utilizing #2 MAGNUMWIRE® suture.

2. Load suture legs through the snare loop ensuring about 6cm of each extends past the snare.

3. To snare the sutures through the anchor, pull suture loader in line with inserter shaft, then remove suture loader and pull perpendicular to inserter shaft. Discard suture loader.

4. Holding the free ends of the sutures, advance the loaded implant percutaneously or through a cannula to the surface of the bone. Take up suture slack by pulling on the suture tails until sutures can be clearly seen between the tissue and the implant. Confirm that the sutures are not wrapped around the device. If wrapped, pull the device out and repeat this step.

Please refer to the Instructions for Use (IFU) packaged with the product for a complete list of Warnings, Precautions and Contraindications.
Deploying the MULTIFIX™ P implant

5 Place the tip of the anchor at the desired location lateral to where the tendon is to be secured. Ensure the eyelet of the anchor tip orients the sutures toward the tissue. Do not split the sutures with the implant. If a bone hole was created, ensure the inserter handle is on the same axis as the bone hole.

6 Use a mallet to tap the proximal end of the inserter handle to drive the implant tip into the bone until the horizontal depth mark is flush or below the surface of the bone. If the anchor tip does not penetrate the bone on the first strike, create a bone hole according to steps B & C. Use a new implant in the bone hole.

7 While maintaining downward pressure on the inserter handle, pull on the free suture tails in line with the axis of the inserter handle to approximate the tissue to the desired location.

8 When desired tension is achieved, secure the sutures in the jam cleat. Do not over-tension the sutures.
9 While maintaining downward pressure on the inserter handle, deploy the suture lock by turning the deployment knob two full turns clockwise. Continue to turn the deployment knob clockwise until the knob spins freely and the laser mark on the inserter shaft is flush or below the surface of the bone.

NOTE: If the mark is still visible after suture lock deployment, mallet the device further into the bone.

10 Disengage sutures from the jam cleats prior to extracting the inserter handle. Trim remaining loose suture ends at bone hole.

NOTE: If placing more than one implant, assure bone holes are at least 7mm apart.
### Ordering information

**MULTIFIX® P PEEK 4.5mm knotless fixation implant**

<table>
<thead>
<tr>
<th>Reference #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM-1300</td>
<td>MULTIFIX P IMPLANT</td>
</tr>
<tr>
<td>OM-9410</td>
<td>3.3MM SPADE DRILL</td>
</tr>
<tr>
<td>OM-9420</td>
<td>3.4MM BONE PUNCH</td>
</tr>
<tr>
<td>OM-9615</td>
<td>INSERTION GUIDE WITH OBTURATOR</td>
</tr>
<tr>
<td>22-4035</td>
<td>FIRSTPASS SUTURING DEVICE HANDLE</td>
</tr>
<tr>
<td>22-4036</td>
<td>FIRSTPASS® NEEDLE AND SUTURE CAPTURE</td>
</tr>
<tr>
<td>OM-1316</td>
<td>MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT SET WITH PERFECTPASER MAGNUMWIRE: MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT AND PERFECTPASER MAGNUMWIRE SUTURE CARTRIDGE (WHITE)</td>
</tr>
<tr>
<td>OM-1317</td>
<td>MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT SET WITH PERFECTPASER MAGNUMWIRE: MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT AND PERFECTPASER MAGNUMWIRE SUTURE CARTRIDGE (BLUE CO-BRAID)</td>
</tr>
<tr>
<td>OM-1318</td>
<td>MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT SET WITH PERFECTPASER MAGNUMWIRE: MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT AND PERFECTPASER MAGNUMWIRE SUTURE CARTRIDGE (BLACK CO-BRAID)</td>
</tr>
<tr>
<td>OM-1319</td>
<td>MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT SET WITH LOOSE MAGNUMWIRE: MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT AND MAGNUMWIRE LOOSE SUTURE (WHITE, BLUE CO-BRAID)</td>
</tr>
<tr>
<td>OM-1309</td>
<td>DOUBLE ROW CONVENIENCE KIT: OM-1300, MULTIFIX P 4.5MM PEEK KNOTLESS IMPLANT (2 EACH) 22-8055, SPARTAN ANCHOR 5.5MM (2 EACH) 22-4036EA, FIRSTPASS NEEDLE AND SUTURE CAPTURE (1)</td>
</tr>
</tbody>
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