



FastGrafter® Autograft Harvesting System

Surgical Technique

Bone Graft Harvesting- Calcaneus

Note: The technique below is described for harvesting autologous cancellous bone from the calcaneus. This is just one of many potential anatomic locations where the FastGrafter® Autograft Harvesting System can be used.

Surgical Approach

1. Make a small incision over the lateral calcaneus posterior and inferior to the peroneal tendon and sural nerve, approximately 3cm below and 2cm posterior to the distal fibula. Fluoroscopy can be utilized to assist with incision placement. Use blunt dissection to gently spread the skin and subcutaneous tissues to the level of the bone to prevent injury to the sural nerve or peroneal tendon.

Assembly Instructions

2. While holding the shaft of the FastGrafter® Harvester, insert the proximal end into an appropriate attachment on a powered driver.

Bone Graft Harvest

3. While retracting the incision site, place the cutting tip of the Harvester onto the exposed bone surface. Beginning at low speed in the forward direction, advance the Harvester to the desired depth. Withdraw the device from the harvest site.

Note: Use the reference depth markings on the outer shaft of the Harvester to avoid penetrating too deep or through the medial cortex.

4. Additional bone graft may be harvested from the site as deemed necessary by the surgeon. To make space for collection of additional bone graft, insert the FastGrafter® Pusher instrument through the distal tip of the Harvester and push the harvested bone towards the proximal end of the cannula. Reinsert the Harvester into the original harvest site and re-direct the tip approximately 20-30 degrees in a radial direction from the initial harvest path to harvest additional bone graft.

Note: When pushing harvested bone into the Harvester, pay special attention to the depth of the Pusher to avoid expelling graft through the proximal opening of the Harvester.

Extrusion of Cancellous Bone from the Harvester

5. Disassemble the Harvester from the driver. Over a sterile container, insert the Pusher through the distal tip of the Harvester and advance it to expel the harvested graft through the proximal opening of the Harvester.



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