

ACUMED®

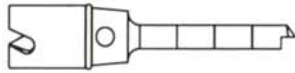
BONE GRAFT
SYSTEM



*A unique, easy to use bone graft
harvesting system.*

ACUMED® BONE GRAFT SYSTEM

This compact, easy to use bone graft harvesting system has four drill size options, a power adaptor fitting, a starting punch, a bone graft extractor, and a removal key. The system allows for *morsellized* bone graft removal from the iliac crest or other appropriate areas through a small incision site, with the potential for minimal morbidity. (See the bone graft surgical technique for complete protocol.)



6.0mm Core Drill



8.0mm Core Drill



10.0mm Core Drill



12.0mm Core Drill

GRAFT VOLUME

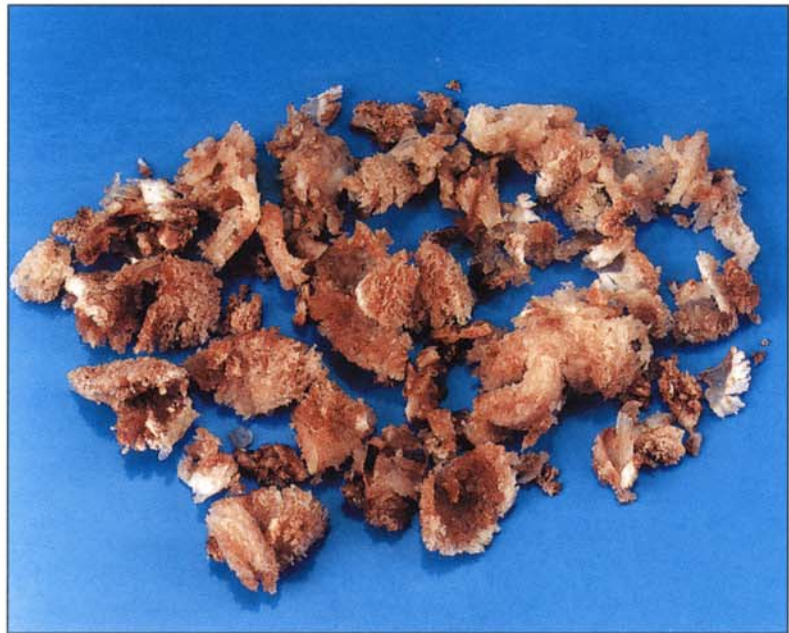
At full depth, 3cm, you have approximately the following amounts of morsellized material for each drill;

6.0mm = approx. .48cm³

8.0mm = approx. .92cm³

10.0mm = approx. 1.64cm³

12.0mm = approx. 2.51cm³



MORSELLIZED MATERIAL

Each bone drill has an extremely sharp cutting tip. When engaged to the bone, each revolution of the drill cuts new cancellous material and loads it into the drill body. This material can then be used for fusions, malunions and nonunions of a fracture, bone repair in cases of trauma, infections or tumors, and in revision joint surgeries.

ASSEMBLY PROCEDURE

- ◆ Attach the Hudson or Jacobs chuck adaptor fitting to the power drill.
- ◆ Select the drill size for the amount of bone graft material needed for the procedure.
- ◆ Make a small incision at the harvest site.
- ◆ Insert the punch and dimple the bone so a reference point for the drill tip can be made.
- ◆ Insert the drill and begin to harvest at a low speed until the device fully engages the bone. Drill to the desired depth as indicated on the barrel of the drill. (Each line indicates 1cm of depth.)
- ◆ Remove the drill from the harvest site.
- ◆ Disengage the drill and extract the bone graft material by inserting the appropriate wire extractor with the paddle end through the drill tip, and pushing the harvested material out.

INDICATIONS: The Acumed™ Bone Graft System is designed for harvesting morsellized bone material from the iliac crest, femoral neck, proximal ulna, and the distal radius for use during fusions, malunions and nonunions of a fracture, bone repair in cases of trauma, infections or tumors, and in revision joint surgeries.

WARNINGS: For safe use of this system, the surgeon must be thoroughly familiar with method of application, instruments, and recommended surgical technique for this product. Device breakage can occur with improper use.

CAUTION: Federal Law (USA) restricts this product to sale by or on the order of a physician or hospital.

STERILIZATION: We recommend using one of the following steam autoclaving procedures. For a gravity displacement autoclave, set at 250°F (121° C) for 30 min. For a prevacuum autoclave, set at 270°F (132° C) for 4 min., or at 275°F (134° C) for 3 min. Please consider your equipment manufacturer's instructions for the specific sterilizer and load configuration being used, as well as the current AORN standards and recommended practices.

CLEANING: Following initial decontamination, the instruments should be processed in an ultrasonic cleaner. Manufacturer's written instructions should be followed for use in the ultrasonic cleaner and for the selection of the proper detergent. A rinsing step is recommended prior to sterilization.