



Argon Medical Devices, Inc.
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Indications for Use: Intended for the purpose of Harvesting Bone Marrow.

Contraindications: For use only for harvesting bone marrow. These needles should be used only by a physician familiar with the possible side effects, typical findings, limitations, indications and contraindications of harvesting bone marrow. Physician judgement is required when considering harvest on patients with bleeding disorder, or receiving anti-coagulant medications.

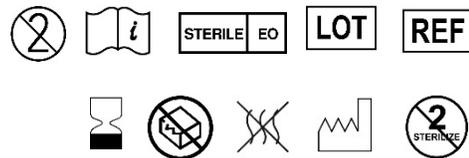
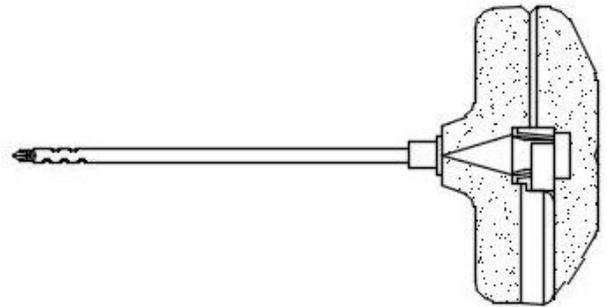
Caution: For single patient use only. Do not attempt to clean or resterilize this product. After use, this product may be a potential biohazard. Handle in a manner that will prevent accidental puncture. Dispose in accordance with applicable laws and regulations.

Note: These instructions are not meant to define or suggest any medical or surgical technique. The individual physician is responsible for the proper procedure and techniques to be used with this device.

Harvest Procedure:

1. After suitable anesthesia is achieved, place the patient in the ventral supine position.
2. Using sterile technique, prepare the skin with antiseptic and drape.
3. Hold the needle with the proximal end in palm and the index finger against the shaft near the tip. This position stabilizes the needle and allows for better control.
4. Introduce the needle through the skin and bring it into contact with the posterior iliac crest.
5. Using gentle, but firm pressure, advance the needle, rotating it in an alternating clockwise/counterclockwise motion. Entrance into the marrow cavity is generally detected by decreased resistance. (All of the side holes at the distal end of the needle must be introduced into the marrow cavity beyond the cortical bone, otherwise air and extra bony soft tissue may appear with the aspirated marrow.)
6. Once the needle is in place, remove the stylet by rotating the upper section 90°, and pulling straight out.
7. Attach a syringe with a luer taper to the hub of the bone marrow harvest needle using a firm push and twist motion.
8. Apply suction by withdrawing the syringe plunger. Remove the syringe with the harvested marrow.
9. Repeat the harvest procedure until an appropriate amount of marrow is obtained to satisfy the clinical requirement.

Bone Marrow Harvest Needle



The symbols glossary is located electronically at www.argonmedical.com/symbols