



## Information Insert

EXTRACTOR™ Autologous Cell and Bone Marrow Extraction

**Sterile:** Contents sterile unless package is opened, damaged or expired. Do Not Re-sterilize.

## Indications for Use

EXTRACTOR Autologous Cell and Bone Marrow Extraction is intended for use in aspirating bone marrow.

## Contraindications

Use only for bone marrow aspiration as determined by a licensed physician. The device is intended to be used by a physician familiar with the possible side effects, typical findings, limitations, indications and contraindications of bone marrow aspiration. The procedure should be performed on patients that are suitable for such procedure only.

**CAUTION:** For single patient use only. The design of this device may not perform as intended by the manufacturer if it is re-used. The manufacturer cannot guarantee the performance, safety and reliability of a reprocessed device.

After use, this product may be a potential biohazard. Handle in a manner, which will prevent accidental puncture. Dispose of in accordance with applicable laws and regulations. Carefully place the used needle in a sharps biohazard container after the procedure is completed.

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



## Instructions for Use

1. Inspect the package for proper integrity. If undamaged, open the package using aseptic technique.
2. Remove the needle from the tray/pouch and inspect the cutting edge of both cannula and stylet for any damage or other imperfections that would prevent the proper operation of the needle.
3. Following proper placing technique, locate the needle adjacent to the aspiration site.
4. Using gentle, but firm pressure, advance the needle by rotating in an alternating clockwise-counterclockwise motion. Entrance into the marrow cavity is generally detected by decreased resistance.
5. Rotate the stylet cap counterclockwise and pull the stylet out of the cannula.
6. Attach a luer syringe to the cannula hub.  
**NOTE:** Avoid using glass syringes because they may result in an inadequate seal and may break or fragment.
7. Apply negative pressure by quickly withdrawing the syringe plunger. Disengage the syringe and remove the aspirated sample.

**CAUTION:** Federal law (USA) restricts this device to sale by or on the order of a physician.

Product is not made with natural rubber latex.

EXTRACTOR is a trademark of Bioventus LLC. Bioventus and the Bioventus logo are registered trademarks of Bioventus LLC.

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