To place an order or for more information, please call 1.800.323.9088 or visit bardbiopsy.com

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**INDICATIONS FOR USE:** Indicated for use in aspirating bone marrow and for use in obtaining core biopsy samples of bone and/or bone marrow.

**WARNINGS:** Only clinicians who have been properly trained in this procedure, including patient preparation, sample preservation and, if required, the use of image guidance for percutaneous biopsy, should use this device. The instructions are NOT intended to define or suggest surgical protocol. It is the physician’s responsibility to determine the appropriate procedural and media regimen based upon the needs of the patient. Good medical judgment should be exercised in the proper selection of needle dimensions and use of image guidance based on the procedure and potential clinical scenarios, body habitus or body location. Errors in technique may result in missed lesions or tissue sites. Appropriate judgment is required in determining the location for inserting the needle (e.g., the percutaneous path). In addition to the needle length, internal thoracic organs or blood vessels may be punctured or otherwise damaged.

**CONTRAINDICATIONS:** For single use only. Re-use may result in a nonfunctional product or contribute to cross contamination. The use or improper disposal of the product may be a biohazard. Handle and dispose of in accordance with acceptable medical practice and local, state, and federal laws and regulations.

**POTENTIAL COMPLICATIONS:** Potential complications associated with aspiration and core biopsy procedures can be specific to the insertion site and include, but are not limited to, cell seeding, infection, pain, bleeding, hematoma, non-target tissue, adjacent tissue injury, and organ or vessel perforation. Please consult package insert for more detailed safety information and instructions for use.

**JAMSHIDI EVOLVE™ needles are available with—or without—a specimen cradle in a wide range of needle sizes, allowing proper targeting of the desired anatomical location for any patient.**

**Jamshidi Evolve™ needle cat. no.**
**Jamshidi Evolve™ needle with specimen cradle cat. no.**
**Needle size**

<table>
<thead>
<tr>
<th>Needle with Cradle</th>
<th>Needle Without Cradle</th>
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<tbody>
<tr>
<td>EJC2013</td>
<td>EJM2013</td>
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<td>EJM6008</td>
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<tr>
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</tbody>
</table>

For single use only. Ten needles per case.

Needles are packaged sterile with:
- Probe
- Probe guide
- Depth stop
- Universal cap

Needles with specimen cradles are packaged sterile with:
- Specimen cradle
- Probe
- Probe guide
- Depth stop
- Universal cap

**Jamshidi Evolve™ Bone Marrow Biopsy/Aspiration Needle**

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**JAMSHIDI EVOLVE™ needle cat. no.**
**Probe guide cat. no.**
**Needle size**

<table>
<thead>
<tr>
<th>Needle with Cradle</th>
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For single use only. Ten needles per case.

Needles are packaged sterile with:
- Probe
- Probe guide
- Depth stop
- Universal cap

Needles with specimen cradles are packaged sterile with:
- Specimen cradle
- Probe
- Probe guide
- Depth stop
- Universal cap

**The Jamshidi™ name has been synonymous with proven reliability and results in bone marrow biopsy products for more than 50 years. Now, the Jamshidi™ family of products has grown with the new Jamshidi Evolve™ needle, which helps you obtain samples with even more precision and ease.**

**1.800.323.9088 bardbiopsy.com**

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The specimen cradle fits inside the cannula to help sample capture.
The Jamshidi Evolve™ needle helps you acquire bone marrow aspirate and core biopsy samples of bone and/or bone marrow from a single insertion site. A simplified core severing technique allows you to use fewer needle rotations and helps reduce painful redirect.

New tip configuration with a spade-shaped needle tip and crest-shaped cannula:
- Helps obtain clinically desirable penetration, with optimal sample capture and retention
- Centralizes force applied to better anchor the needle in the bone

New specimen cradle helps easily and accurately capture a sample from a single insertion site:
- Visually confirm sample capture
- Collect multiple core samples prior to removing the cannula
- Reduce occurrence of painful redirect
- Capture aspirate after core biopsy from the same insertion site

New depth stop guides needle placement and cannula advancement depth.

Comfortable, ergonomic, two-piece handle provides tactile feedback and helps increase control during needle insertion.

New centimeter depth markings along the outer cannula help guide needle penetration through the cortical layer and marrow.

New depth stop guides needle placement and cannula advancement depth.

Safe-T™ PLUS Jamshidi Evolve™ bone marrow biopsy and aspiration trays

Safe-T™ PLUS and standard trays offer convenience and excellent procedural performance. The single-use, sterile trays include the Jamshidi Evolve™ needle as well as prepping, draping, local anesthetic and procedural components needed to perform bone marrow biopsy procedures.

<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>Components Included(s)</th>
<th>Needle size</th>
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</thead>
<tbody>
<tr>
<td>BEJS4511</td>
<td>Standard Jamshidi Evolve™ needle with specimen cradle, T-handle Illinois Needle</td>
<td>11 g x 4”</td>
</tr>
<tr>
<td>BEJS4511SP</td>
<td>Safe-T™ PLUS Jamshidi Evolve™ needle with specimen cradle, T-handle Illinois Needle</td>
<td>11 g x 4”</td>
</tr>
<tr>
<td>BEJS3411</td>
<td>Standard Jamshidi Evolve™ needle with specimen cradle</td>
<td>11 g x 4”</td>
</tr>
<tr>
<td>BEJS3411SP</td>
<td>Safe-T™ PLUS Jamshidi Evolve™ needle with specimen cradle</td>
<td>11 g x 4”</td>
</tr>
</tbody>
</table>

10 trays per case.