



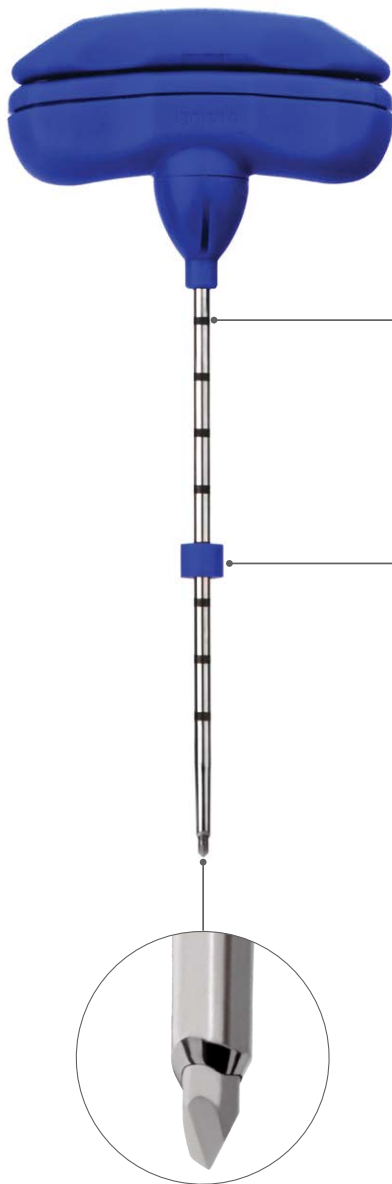
Jamshidi Evolve™

Evolving design for even more precision and ease

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.



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.



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.

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

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.



Universal cap



Probe guide



Probe

The specimen cradle fits inside the cannula to help sample capture.

Jamshidi Evolve™ needle

Catalogue no.	Needle size
EJC2013	13 g x 5 cm
EJC3513	13 g x 8.9 cm
EJC4011	11 g x 10 cm
EJC6011	11 g x 15 cm
EJC8011	11 g x 20 cm
EJC4008	8 g x 10 cm
EJC6008	8 g x 15 cm
EJC8008	8 g x 20 cm

Jamshidi Evolve™ needle with specimen cradle

Catalogue no.	Needle size
EJM2013	13 g x 5 cm
EJM3513	13 g x 8.9 cm
EJM4011	11 g x 10 cm
EJM6011	11 g x 15 cm
EJM8011	11 g x 20 cm
EJM4008	8 g x 10 cm
EJM6008	8 g x 15 cm
EJM8008	8 g x 20 cm

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

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 protocol and techniques required 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 biopsy location and patient anatomy. Good medical judgment should be exercised in considering biopsy on patients who are receiving anticoagulant therapy or who have bleeding disorders. Do not use for a sternal procedure. Due to the needle length, internal thoracic organs or blood vessels may be punctured or otherwise damaged.

CAUTIONS: For single use only. Re-use may result in a nonfunctional product or contribute to cross contamination. Do not re-sterilize. Do not use if package is damaged. Prior to needle insertion, inspect the needle for a damaged point, bent shaft or other imperfections. Applying too much axial force may bend the needle. Angularity beyond 20° may cause the needle to bend or break. After use, this product may be a biohazard. Handle and dispose of in accordance with acceptable medical practices and applicable local, state, and federal laws and regulations.

POTENTIAL COMPLICATIONS: Potential complications associated with aspiration and core biopsy procedures are site specific 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.

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