

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.



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

JAMSHIDI EVOLVE™ needle cat. no.	JAMSHIDI EVOLVE™ needle with specimen cradle cat. no.	Needle size
EJC2013	EJM2013	13 g x 2"
EJC3513	EJM3513	13 g x 3.5"
EJC4011	EJM4011	11 g x 4"
EJC6011	EJM6011	11 g x 6"
EJC8011	EJM8011	11 g x 8"
EJC4008	EJM4008	8 g x 4"
EJC6008	EJM6008	8 g x 6"
EJC8008	EJM8008	8 g x 8"

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

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



JAMSHIDI EVOLVE™: Evolving design for even more precision and ease

JAMSHIDI EVOLVE™ bone marrow biopsy/aspiration needle

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.

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.

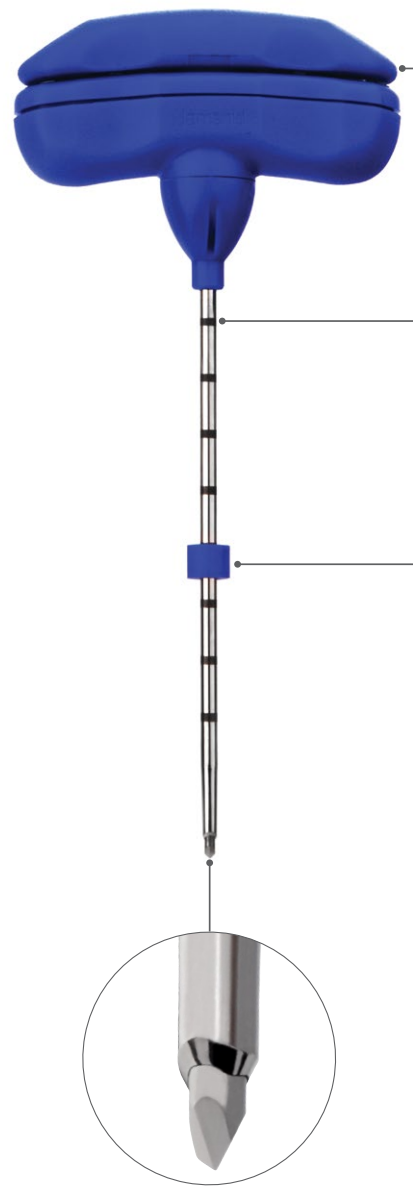
Please consult package insert for more detailed safety information and instructions for use.

1.800.323.9088 bardbiopsy.com



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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.



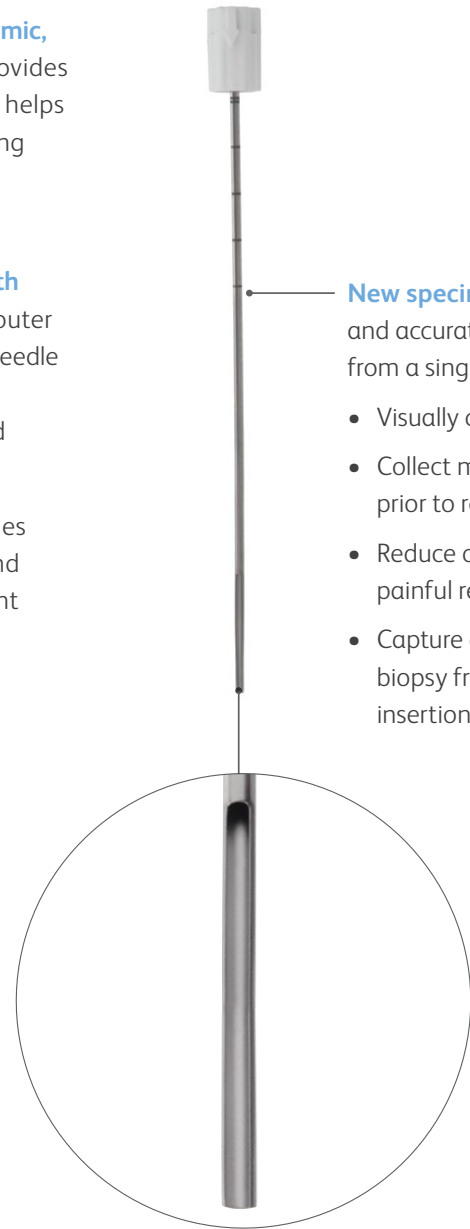
Comfortable, ergonomic, two-piece handle provides tactile feedback and helps increase control during needle insertion.

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™ bone marrow biopsy and aspiration trays

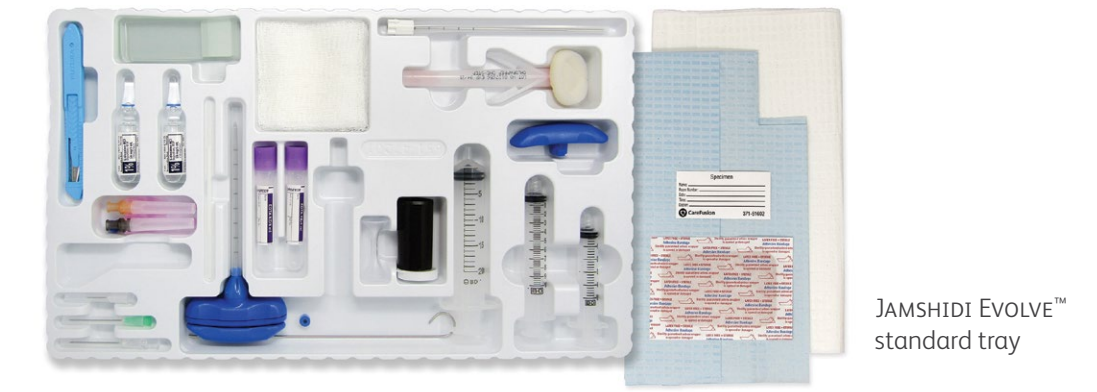
Safe-T™ PLUS and standard trays offer convenience and excellent procedural performance. The single-use, sterile trays include the JAMSHIDI EVOLVE™ needle as well as prepping, draping, local anesthetic and procedural components needed to perform bone marrow biopsy procedures.

Cat. no.	Components	Included needle(s)	Needle size
BEJS4511	Standard	JAMSHIDI EVOLVE™ needle with specimen cradle, T-handle Illinois Needle	11 g x 4" 15 g
BEJS4511SP	Safe-T™ PLUS	JAMSHIDI EVOLVE™ needle with specimen cradle, T-handle Illinois Needle	11 g x 4" 15 g
BEJS3411	Standard	JAMSHIDI EVOLVE™ needle with specimen cradle	11 g x 4"
BEJS3411SP	Safe-T™ PLUS	JAMSHIDI EVOLVE™ needle with specimen cradle	11 g x 4"

10 trays per case.

Standard JAMSHIDI EVOLVE™ bone marrow biopsy and aspiration trays

Component overview	BEJS4511 11 g x 4" JAMSHIDI EVOLVE™ needle 15 g T-handle Illinois needle	BEJS3411 11 g x 4" JAMSHIDI EVOLVE™ needle
Standard components		
JAMSHIDI EVOLVE™ Bone Marrow Biopsy/Aspiration Needle, 11 g x 4" (10 cm)	•	•
Specimen Cradle	•	•
Sternal/Iliac T-handle Illinois Aspiration Needle, 15 g (Adjustable Length 1" - 3¼") (26 mm - 79 mm)	•	
Probe Guide and Probe	•	•
Hospital Wrap	•	•
ChloroPrep™ 3 ml Applicator with Hi-Lite Orange™ tint	•	•
Towel	•	•
Fenestrated Drape	•	•
Filter Needle, 19 g x 1½" (3.8 cm)	•	•
Safety Scalpel	•	•
Needle, 25 g x ⅝" (1.6 cm)	•	•
Needle, 21 g x 1 1/2" (3.8 cm)	•	•
BD Eclipse™ Needle, 25 g x 1½" (3.8 cm)	•	•
BD Eclipse™ Needle, 22 g x 1½" (3.8 cm)	•	•
Syringe, 5 ml		•
Syringe, 10 ml	•	•
Syringe, 20 ml	•	•
Lidocaine Hydrochloride USP, 1%, 5 ml	2	2
Specimen tubes containing EDTA Potassium	2	2
Frosted Slides, 1" x 3" (2.5 cm x 7.6 cm)	10	10
Specimen Vial (Amber) and Label	•	•
Stirring Rod	•	•
Gauze Pads	10	10
Bandage	•	•



JAMSHIDI EVOLVE™ standard tray

Safe-T™ PLUS JAMSHIDI EVOLVE™ bone marrow biopsy and aspiration trays

Component overview	BEJS4511SP 11 g x 4" JAMSHIDI EVOLVE™ needle 15 g T-handle Illinois needle	BEJS3411SP 11 g x 4" JAMSHIDI EVOLVE™ needle
Safety components		
BD SafetyGlide™ Needle, 25 g x 1" (2.5 cm)	•	•
BD SafetyGlide™ Needle, 22 g x 1½" (3.8 cm)	•	•
Filter Straw™ filter	•	•
NeedleWISE™ Sharps Safety Device	2	1
Safety Scalpel	•	•
Medication Label Sheet	•	•
Fine Tip Marker	•	•
Foam Needle Stop	•	•
Standard components		
JAMSHIDI EVOLVE™ Bone Marrow Biopsy/Aspiration Needle, 11 g x 4" (10 cm)	•	•
Specimen Cradle	•	•
Sternal/Iliac T-handle Illinois Aspiration Needle, 15 g (Adjustable Length 1" - 3¼") (26 mm - 79 mm)	•	
Probe Guide and Probe	•	•
Hospital Wrap	•	•
ChloroPrep™ 3 ml Applicator with Hi-Lite Orange™ tint	•	•
Towel	•	•
Fenestrated Drape	•	•
Syringe, 5 ml		•
Syringe, 10 ml	•	•
Syringe, 20 ml	•	•
Lidocaine Hydrochloride USP, 1%, 5 ml	2	2
Specimen tubes containing EDTA Potassium	2	2
Frosted Slides, 1" x 3" (2.5 cm x 7.6 cm)	10	10
Specimen Vial (Amber) and Label	•	•
Stirring Rod	•	•
Gauze Pads	10	10
Bandage	•	•