



Jamshidi Evolve™

Evolving design for even more precision and ease

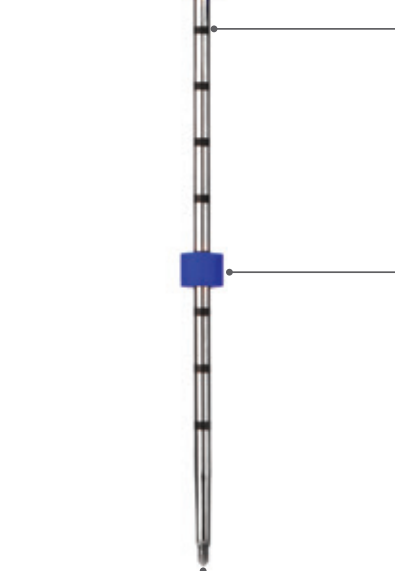
The Jamshidi™ name has been synonymous with proven reliability in bone marrow biopsy products for more than 50 years. Now, the Jamshidi™ family of products has grown with the new Jamshidi Evolve™ needle, which helps you obtain samples with even more precision and ease.



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.



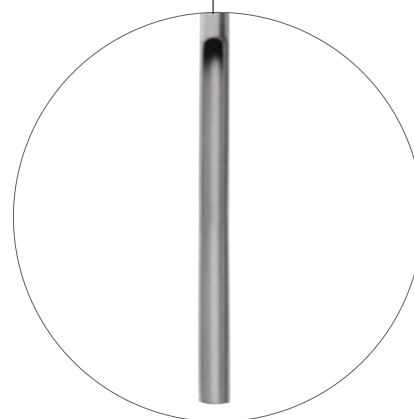
New tip configuration with a spade-shaped needle tip and crest-shaped cannula:

- Helps obtain clinically desirable penetration, with optimal sample capture and retention
- Centralizes force applied to better anchor the needle in the bone



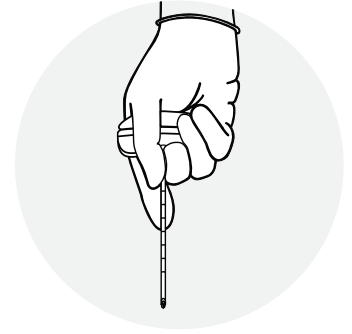
New specimen cradle helps easily and accurately capture a sample from a single insertion site:

- 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



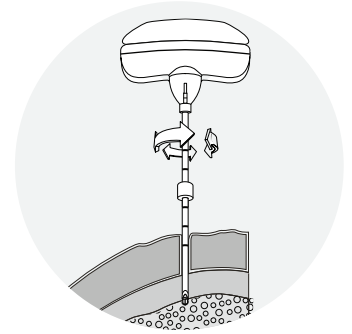
Directions for Use Reference

- 1 핸들이 손바닥에 오도록 안정적으로 잡은 후, 니들을 피부에 삽입합니다.

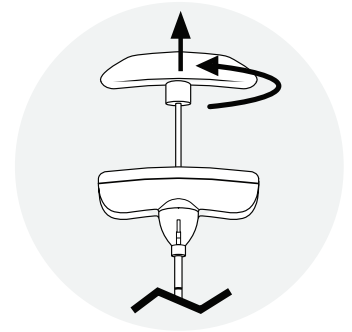


- 2 강한 힘을 주어 바늘을 시계/반 시계 방향으로 번갈아가며 밀어넣습니다.

Note: 골수 강 내에 들어간 것은 보통 압력의 감소를 통해 확인할 수 있습니다.



- 3 스타일렛을 반 시계방향으로 90도 돌려서, 핸들로부터 빼냅니다.

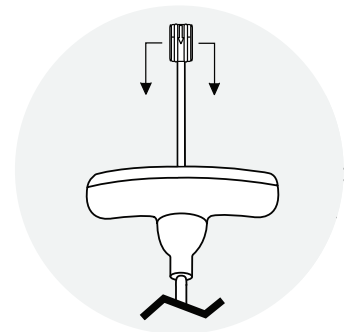


- 4 스타일렉을 제거하고, 적당량의 골수를 채취할 때까지 바늘을 시계/반 시계 방향으로 조금씩 돌려 밀어 넣습니다.

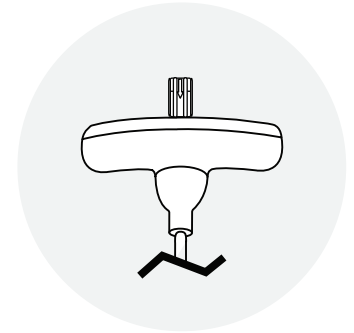
Caution: 지나치게 돌릴 경우 샘플이 손상될 수 있습니다.



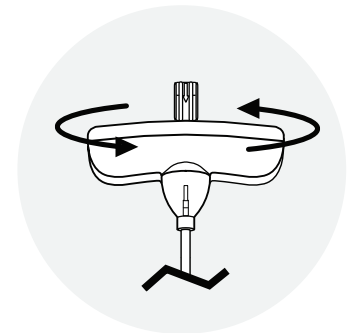
- 5 이제 크래들을 니들 안에 밀어 넣으면 되는데, 샘플 바로 위에 위치할 정도로만 밀어 넣도록 합니다. 이 때 샘플의 대략적인 길이를 확인할 수 있습니다. 필요시에는 니들을 더 진입시킵니다.



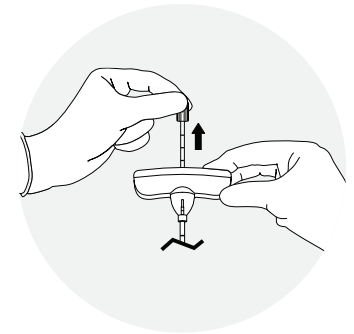
- 6 니들을 고정한 채로 크래들 머리를 잡고 핸들 아래로 밀어 넣습니다.



- 7 크래들을 360도 회전시킵니다.

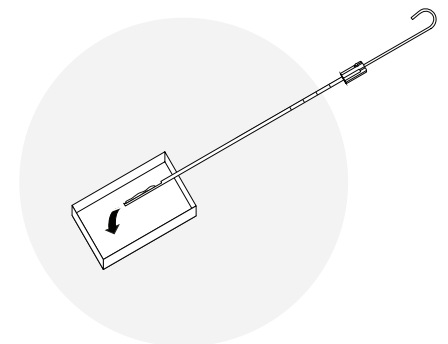


- 8 크래들을 니들에서 빼냅니다.



- 9 동봉된 프로브를 밀어 넣어 샘플을 제거합니다.

Note: 흰색 허브의 화살표는 샘플 노치의 방향을 나타냅니다.



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 with specimen cradle	
Catalogue no.	Needle size
EJM3513	13G x 8.9 cm
EJM4011	11G x 10 cm
EJM6011	11G x 15 cm
EJM8011	11G x 20 cm
EJM4008	8G x 10 cm
EJM6008	8G x 15 cm
EJM8008	8G x 20 cm

For single use only. Ten needles per case.

Needles with specimen cradles are packaged sterile with:

- Specimen cradle
- Probe
- Probe guide
- Depth stop
- Universal cap

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

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.

벡톤디킨슨코리아(주)
서울특별시 강남구 테헤란로 142, 16층

bd.com

