T-Lok™

BONE MARROW
BIOPSY SYSTEM

A revolutionary cannula design providing quality specimens

ARGON
MEDICAL DEVICES

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T-Lok™

T-Lok™ Bone Marrow Biopsy Needles are designed to provide quality biopsies by capturing and retaining bone marrow in the needle without altering the sample.

Traditional Style Bone Marrow Biopsy Needle

T-Lok™ Bone Marrow Biopsy Needle with Extraction Cannula

T-Lok™ Bone Marrow Biopsy Needle

Twist-Lock handle is ergonomically designed and allows for sufficient pressure, while keeping assembly intact.

Tapered distal cannula tip reduces insertion force.

Twin peaks cutting edge provides excellent biopsy coring ability.

Double-diamond stylet point allows quick and easy penetration into marrow cavity.

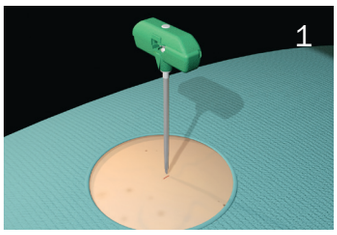
Extraction Cannula

Forceps ensure specimen capture and extraction.

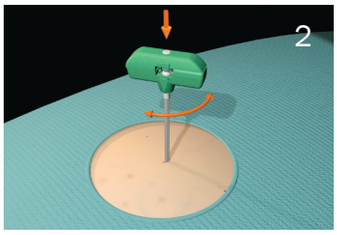
Marked Obturator/ Probe

When inserted into needle cannula, **inscribed mark** indicates length of specimen prior to extraction.

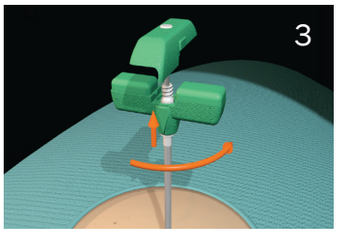
Probe can be used to expel specimen from the extraction cannula.



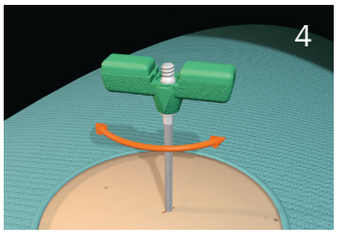
After appropriately preparing the biopsy site, introduce the bone marrow needle perpendicular to the surface of the bone, holding the needle firmly in the palm of your hand.



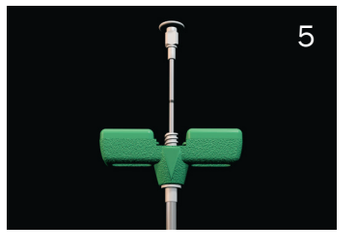
Using gentle, but firm pressure, advance the needle tip through the periosteum, into the cortex, by rotating in an alternating clockwise-counterclockwise motion.



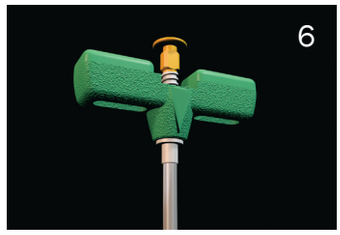
Remove the stylet from the needle cannula by rotating upper section 90° and pulling straight out.



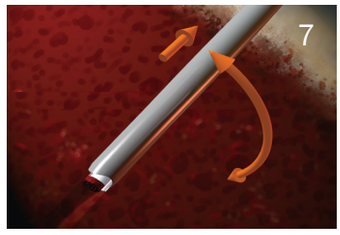
Continue advancing the needle cannula forward 2 to 3 centimeters, while rotating in an alternating clockwise-counterclockwise motion, into the bone marrow. Decreased resistance indicates entrance into the bone marrow cavity.



Insert the marked obturator/probe (pink hub: 13G, green hub: 11G, white hub: 8G) without force, to check the sample length in the needle lumen. Sample length is indicated by referencing the position of the “mark” to the cannula hub. Remove the probe.

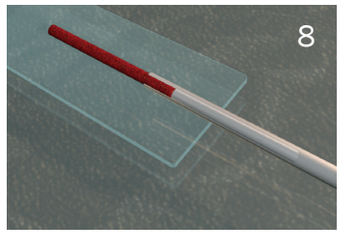


Insert the Extraction Cannula (yellow hub) FULLY into the needle cannula. DO NOT rotate the Extraction Cannula within the needle cannula.



Rotate the needle cannula 360° to separate the marrow specimen.

Remove the bone marrow needle and Extraction Cannula TOGETHER, SLOWLY rotating in an alternating clockwise-counterclockwise motion.



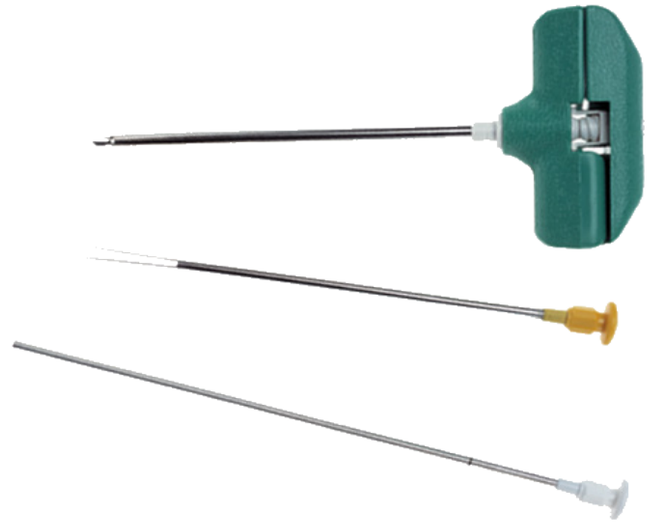
Remove the Extraction Cannula and expel the bone marrow specimen with the marked probe.

T-Lok™ Bone Marrow Biopsy Needle (Box of 10)

CATALOGUE NO.	DESCRIPTION	EXTRACTION CANNULA
DBMNJ0804TL	8G x 4” (10.2 cm)	Included
DBMNJ0806TL	8G x 6” (15.2 cm)	Included
DBMNJ1104TL	11G x 4” (10.2 cm)	Included
DBMNJ1106TL	11G x 6” (15.2 cm)	Included

Bone Marrow Biopsy Needles (Box of 10)

DBMNJ13025	13G x 2.5” (6.4 cm)	Not included
DBMNJ1304	13G x 4” (10.2 cm)	Not included
DBMNJ1104D	11G x 4” (10.2 cm)	D Shape included



Bone Marrow Needles

Bone Marrow Aspiration Needles (Box of 10)

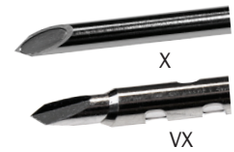
Includes a luer lock connector and an adjustable needle stop to control the depth of penetration for safe aspiration at the sternum. The needle stop can be removed if aspirating at the iliac crest.

CATALOGUE NO.	DESCRIPTION
DBMNI1501	15G x 2.688” (6.8 cm) max.
DBMNI1504	15G x 4” (10.2 cm) max.
DBMNI1601	16G x 2.688” (6.8 cm) max.

Bone Marrow Harvest Needles (Box of 10)

Designed for allogenic and autologous bone marrow harvest-transplantation procedures, the Bone Marrow Harvest Needle is available with a standard bevel tip or a double-diamond tip and side holes to allow for efficient aspiration.

The needle’s ergonomically-designed twist-lock handle provides greater clinician comfort and a luer lock connector on the handle to allow for secure syringe attachment.



CATALOGUE NO.	DESCRIPTION
BMHN1104X	11G x 4” (10.2 cm), bevel tip
BMHN1302X	13G x 2” (5.1 cm), bevel tip
BMHN1303X	13G x 3” (7.6 cm), bevel tip
BMHN1304X	13G x 4” (10.2 cm), bevel tip
BMHN1104VX	11G x 4” (10.2 cm), double diamond tip and side holes
BMHN1304VX	13G x 4” (10.2 cm), double diamond tip and side holes

Paediatric Bone Marrow Access Needles (Box of 10)

Ideal for intraosseous therapy, these needles provide easy and efficient aspiration of marrow in pediatric patients, or they can be used to access medullary cavities when initiating resuscitative infusion.

Each needle is 18G with regular wall thickness to provide extra support during insertion. They also include a stylet with a trocar point for easy insertion and a luer lock connection for secure syringe attachment.

CATALOGUE NO.	DESCRIPTION
ION18015	18G x 3.58 cm

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