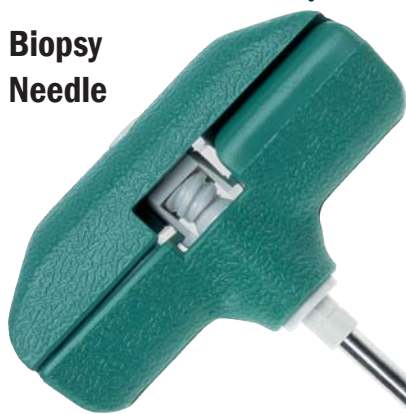


T-Lok™ Bone Marrow Biopsy Needle

Better specimen quality, low risk of specimen loss

Ergonomically designed "Twist-Lock" handle allows for sufficient pressure, while keeping assembly intact.

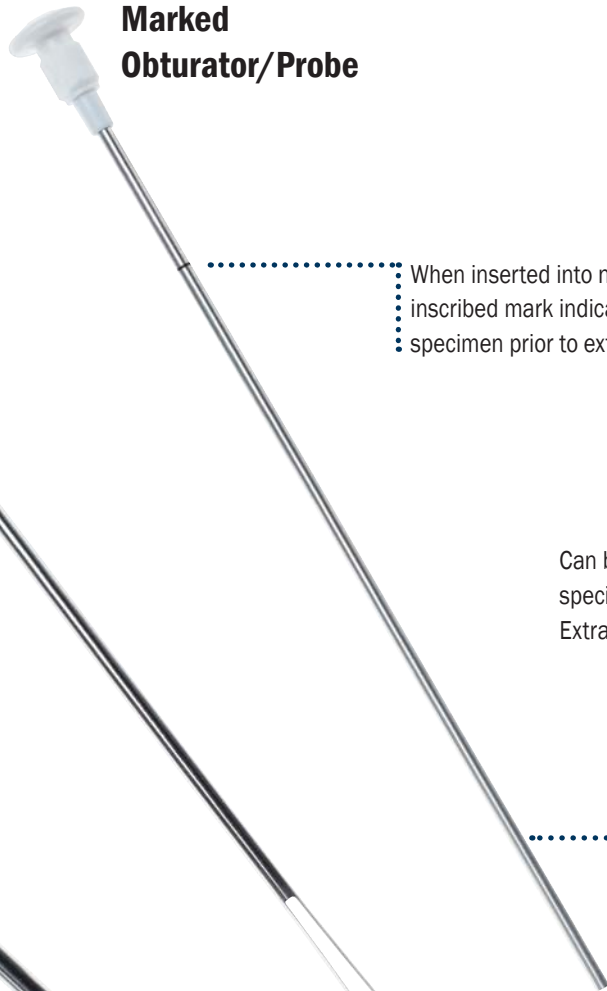
Biopsy Needle



**T-Lok™
Extraction
Cannula**



**Marked
Obturator/Probe**



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

Can be used to expel specimen from T-Lok™ Extraction Cannula.

"Twin Peaks" cutting edge on the tapered distal cannula tip provides superior biopsy coring ability.

Unique "forceps" ensure specimen capture and extraction.

Unique "double-diamond" stylet point for quick and easy penetration into marrow cavity.



Better cannula design for better quality samples

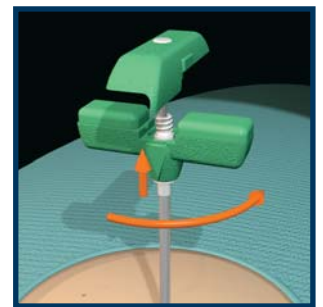
Designed for ease of use and improved patient comfort

The ergonomically designed “twist-lock” handle, combined with the unique “double-diamond” stylet point, provide clinician comfort while easily penetrating hard bone.

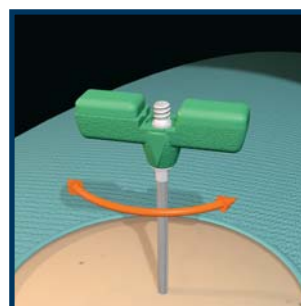
The T-Lok™ Bone Marrow Biopsy Needle includes our unique T-Lok™ Extraction Cannula aimed at ensuring a superior quality biopsy by entrapping bone marrow in the needle without altering the sample's architecture. The unique design provides an exceptional ability to capture and retain bone marrow specimens from multiple myeloma patients. An additional benefit of T-Lok™ is the elimination of a painful deflection technique to harvest a diagnostic quality specimen. A winning combination: Improved Patient Comfort, Easier Marrow Sampling, Low Risk of Specimen Loss, and Better Quality Specimens.

Features include:

- Unique “double-diamond” stylet point designed for quick and easy penetration into the marrow cavity.
- “Twin Peaks” cutting edge on the tapered distal cannula tip provides superior biopsy coring ability.
- Ergonomically designed handle allows the clinician to apply sufficient pressure for penetration without excessive hand fatigue.
- “Twist-Lock” design keeps the handle assembly intact during bone penetration.



Removal of locking handle



Coring with twin-peaks cutting edge



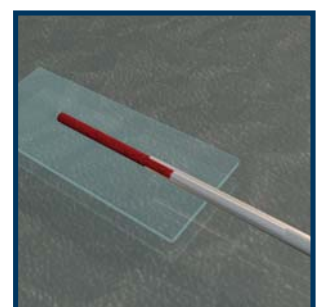
Measurement of sample length



Extraction cannula inserted



Removal of bone marrow needle



Capture of large, undamaged specimen



Aspiration needle
with needle stop



Aspiration needle
without needle stop

Bone Marrow Aspiration Needle with adjustable needle stop

Safe and simple aspiration from the sternum or iliac crest

The ergonomically designed “Twist-Lock” handle, combined with the match ground cannula and stylet points, provide clinician comfort while easily penetrating hard bone. Safe aspirations at the sternum can be performed by adjusting the needle stop to control the depth of penetration. The needle stop can be removed if aspirating at the iliac crest. Available in two gauge sizes.

Features include:

- Luer lock connector on the handle for secure syringe attachment
- An adjustable, removable needle stop safely controls depth of penetration



Bone Marrow Harvest Needle

Comfortable, stable needle for accessing/ harvesting bone marrow

The ergonomically designed "Twist-Lock" handle, combined with the "Double Diamond" stylet point, provides quick and easy penetration into the marrow cavity. The handle is comfortable with or without the stylet in place, yielding increased torque without hand fatigue.

With side holes

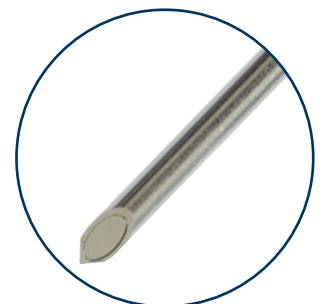
Features include:

- ❑ "Twin peaks" cannula tip provides superior cutting ability
- ❑ Large side holes enhance the harvesting of bone marrow
- ❑ The "Twist-Lock" handle allows the clinician to apply pressure without handle separation or excessive hand fatigue
- ❑ A luer lock connection allows for secure syringe attachment

Without side holes

Features include:

- ❑ "Twist-Lock" handle allows the clinician to apply pressure without handle separation or excessive hand fatigue
- ❑ A luer lock connection allows for secure syringe attachment



Our Haematology/Clinical Oncology Products

We offer a full range of products specially manufactured for haematology/clinical oncology, diagnostic procedures as well as treatment.

The “Why” of most bone marrow biopsies:

- To diagnose a variety of hematological disease processes
- To determine bone pathology such as Myeloma, Leukemia and Lymphoma
- To monitor patient response to therapy

For many years we have been involved in bone marrow biopsy and aspiration cannula, resulting in a deep and wide assortment of products, developed together with leading physicians in haematology/clinical oncology. Our full assortment includes drainage, biopsy, gastroenterology, mammography and accessories.

We have well trained product specialists who can present and advise you as well as train your staff in using our products.

PBN MEDICALS Denmark A/S is a company in the international Angiotech Group (headquarters in Canada, Vancouver).

Previous product lines from InterV, PBN MEDICALS and Medical Device Technology Inc. will now be Angiotech branded.

Our broad portfolio of clinical products are widely accepted by interventional radiologists, urologists, oncologists and gastroenterologists.

PBN MEDICALS Denmark A/S is representing Angiotech in Europe, Middle East, North Africa and Asia; either ourselves or through carefully selected excellent distributors in these areas.

Want to learn more?

Contact your local sales representative for a demo or video presentation of the products in this catalogue.

Please find a complete list of InterV distributors for Europe, Middle East / North Africa and Asia at www.pbn-medicals.com

Ordering Information

T-Lok

Catalogue no.	Size gauge	Length cm
DBMNJ0804TL	8	10.2
DBMNJ0806TL	8	15.2
DBMNJ1104TL	11	10.2
DBMNJ1106TL	11	15.2
DBMNJ1304	13	10.2
<i>(Without T-Lok cannula)</i>		
DBMNJ13025	13	6.4
<i>(Without T-Lok cannula)</i>		

Bone Marrow Aspiration Needle

Catalogue no.	Size gauge	Length, max. cm
DBMNI1501	15	6.8
DBMNI1504	15	10.2
DBMNI1601	16	6.8

Bone Marrow Harvest Needle *with Side Holes*

Catalogue no.	Size gauge	Length cm
BMHN1104VX	11	10.1
BMHN1304VX	13	10.1

Bone Marrow Harvest Needle *without Side Holes*

Catalogue no.	Size gauge	Length cm
BMHN1104X	11	10.1
BMHN1304X	13	10.1

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Fax +45 4719 2728

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Fax 4719 2728

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Tlf 800 100 46
Fax 800 100 45

Sverige:

Tel 020 79 63 53
Fax 020 79 60 04

**Or check www.pbn-medicals.com
for your local distributor**



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