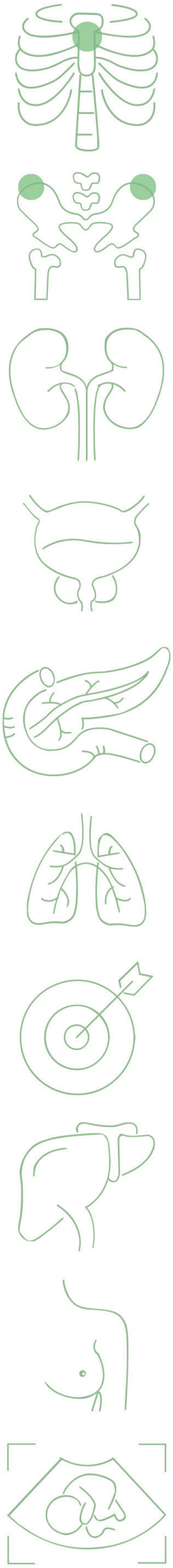
BIOPSY CATALOGUE



INDEX:

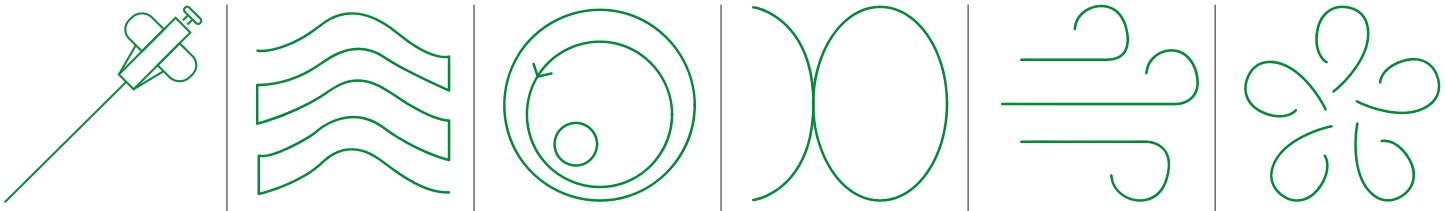
BPB MEDICA™

BPB MEDICA™ is a leading Italian-based healthcare manufacturer, known for its fully integrated, in-house production of innovative medical and surgical devices.

With every stage managed internally, we guarantee **exceptional quality**, **customisation** and **reliability**, making BPB MEDICA™ a preferred partner for healthcare professionals worldwide.

At BPB MEDICA™, we advance in line with the needs of patients, doctors, and hospital staff by leveraging our technical expertise, state-of-the-art technology, and commitment to excellence.

Key Product Lines:



BIOPSY | **SPINE** | **ORTHO-BIOLOGICS & REGENERATIVE MEDICINE** | **ASSISTED REPRODUCTION** | **INTENSIVE CARE** | **AESTHETIC**

Through a commitment to **quality, product distinction**, and **advanced production technologies** across each category, BPB MEDICA™ has established itself as a comprehensive solutions provider in healthcare.

Research & Development:

Continuous Innovation: Our commitment to continuous innovation drives our R&D Department to develop solutions that meet emerging clinical needs, support better patient outcomes, and adhere to industry-leading standards.

Our R&D Department focuses on refining production standards and developing new products, performing ongoing functional testing in collaboration with Quality Control, and ensuring our products meet rigorous standards, even under extreme conditions.

Client-Centric Development: Every product we create is inspired by a commitment to address specific clinical needs, improve patient outcomes, and offer healthcare providers tools that enhance safety and precision.

In-House Manufacturing Advantage

End-to-End Production Process: every step, from conceptual design to final packaging, is completed under one roof, ensuring consistent quality and rapid response to client needs.

Technological Sophistication:

+ **ISO 8 Cleanroom Facility:** Vital for maintaining sterility and ensuring high-quality assembly and packaging.
+ **Metal Refinishing and Moulding Departments:** specialised equipment that allows for advanced processes such as echogenic marking and precise moulding, which make BPB MEDICA™'s products unique.
+ **OEM & Private Label Services:** clients can access à la carte production services, customizing products with their branding, colours, and unique specifications.
+ **Computerized warehouse with reliable permanent stock:** availability for top-selling items, with 24-hour shipment options.

Dedicated Customer Support:

The Regulatory and Quality Departments offer comprehensive support covering:

+ Quality Systems.
+ Regulatory Affairs.
+ Technical Documentation.
+ Clinical Experimentation.
+ Vigilance and Training.
+ Marketing Support: video tutorials, case studies, training sessions and ongoing participation in major medical congresses.

Continuous Commitment to Quality and Compliance

BPB MEDICA™ continuously performs rigorous quality checks:

+ **Incoming Controls:** Dimensional, visual, documental, and functional checks.
+ **In-Process Controls:** Visual and functional controls with sampling or 100% control.
+ **Finished Product Controls:** 100% packaging checks, including post-sterilization inspection.

This thorough quality process ensures that every BPB MEDICA™ product delivered meets the highest standards for safety and performance

Certifications

Commitment to Compliance: BPB MEDICA™'s dedication to quality has earned certifications such as CE and ISO 13485, ensuring safety, reliability and market access worldwide

FDA Establishment Registration marks BPB MEDICA™ as a trusted provider for the U.S. market

ISO 13485

BUREAU VERITAS
Certification

FDA Establishment
Registration number: 9617616
FEI Number*: 300327275

Biopsybell is registered with **EUDAMED** under SRN IT-MF-000011601, as required by MDR Regulation (EU) 2017/745

Milestones and Growth:

1999: Foundation with the BIOPSY product line

2014: Launch of SPINE line of products

2018: Launch of ASSISTED REPRODUCTION line of products

2019: Launch of ORTHO-BIOLOGICS line of products

2020: Launch of AESTHETIC line of products

2022: Acquisition by BPunto3/Wallaby Group in 2022, further supporting global growth

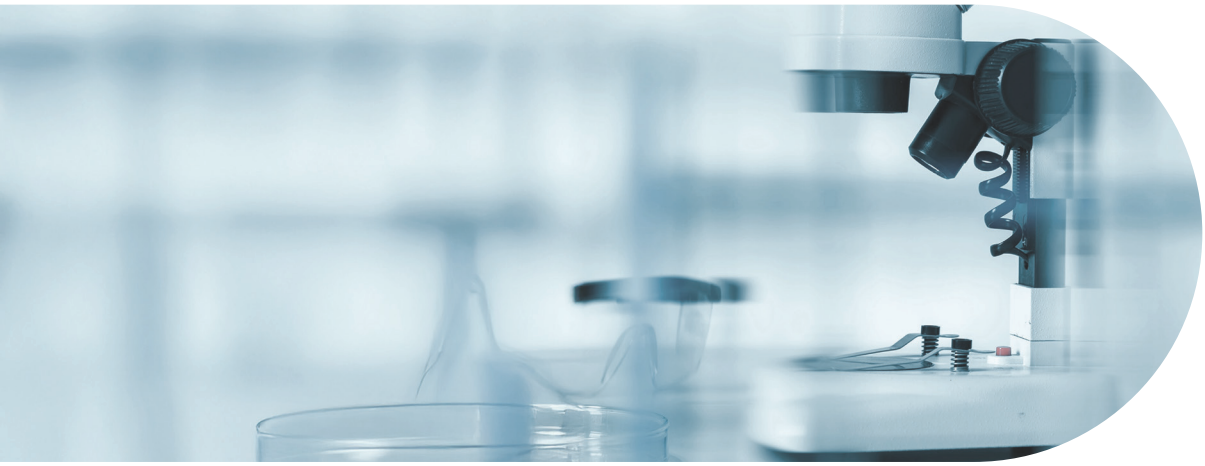
Why BPB MEDICA™?

- **Full in-house production** and quality control.
- **Comprehensive product range** and **customization.**
- **Global presence** with a proven track record.
- **Strong customer support** and regulatory guidance.

JOIN US in advancing healthcare with products that prioritize **safety, precision,** and **efficacy**!

PRECISION AT THE CORE OF DIAGNOSIS

Biopsy is a cornerstone of modern diagnostics, not merely a procedure, but a decisive step toward clinical clarity. Whether for the early detection of malignancies, the evaluation of hematologic disorders, or the guidance of therapeutic decisions, the quality of the sample and the reliability of the device used are fundamental.



At Biopsybell, we understand that every clinical indication demands the right tool. Our comprehensive portfolio is designed to support physicians in retrieving optimal specimens, whether for cytological screening or histological assessment, across a wide range of anatomical sites and diagnostic needs.

From bone and bone marrow procedures to soft tissue sampling, from intraosseous infusion to lesion localization, Biopsybell offers purpose-driven solutions that combine precision, safety, and ease of use.

Each device is developed to ensure optimal tissue yield and procedural efficiency, supporting the ability to deliver confident diagnoses with minimal patient discomfort.

BONE BIOPSY

Bone Biopsy is performed to evaluate bone lesions or diagnose infections and tumors. Due to the density of bone tissue, it requires needles with high penetration capability, such as trocar-tipped or diamond-tipped needles, ensuring precise access with minimal trauma.

Soft Tissue Biopsy is used to assess abnormalities in organs, muscles, or fat tissue. These procedures typically use thin-walled cannulas or coaxial systems that allow multiple sample collection while preserving surrounding tissue integrity.

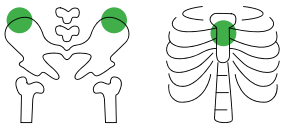
BONE MARROW ASPIRATION

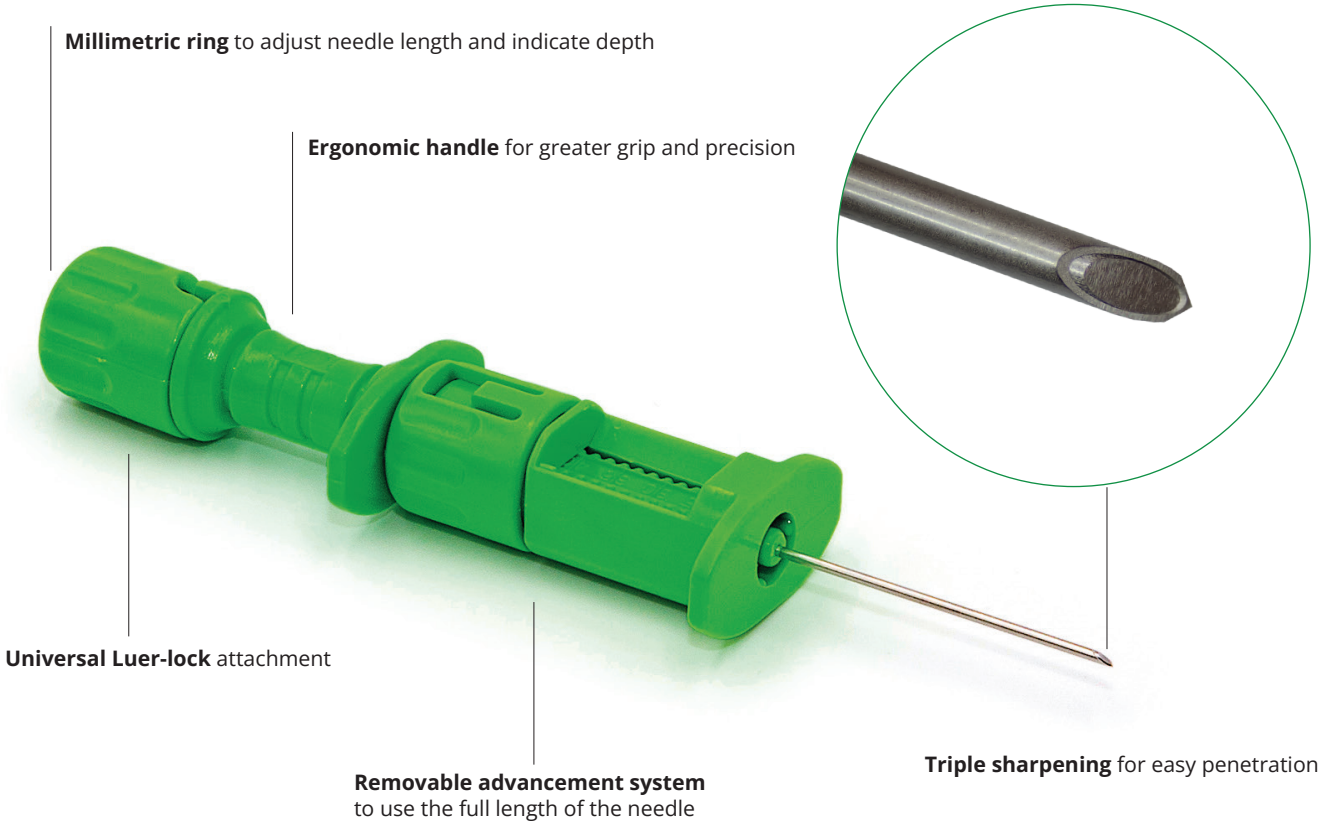
Bone marrow aspiration involves extracting a small amount of liquid marrow, usually from the posterior iliac crest (pelvis). The area is first disinfected and locally anaesthetized. Subsequently, a specialized needle is inserted into the marrow space, and the liquid is extracted through a syringe.

Applications: This procedure is utilized to diagnose and monitor various haematological conditions, such as leukaemia, anaemia, and multiple myeloma. It allows for the assessment of the health status and functionality of the bone marrow, as well as the identification of the underlying causes of abnormalities detected in blood tests.

STERNOBELL™

STERNOBELL™ is a single-use device for bone marrow aspirate from the sternum and iliac crest.





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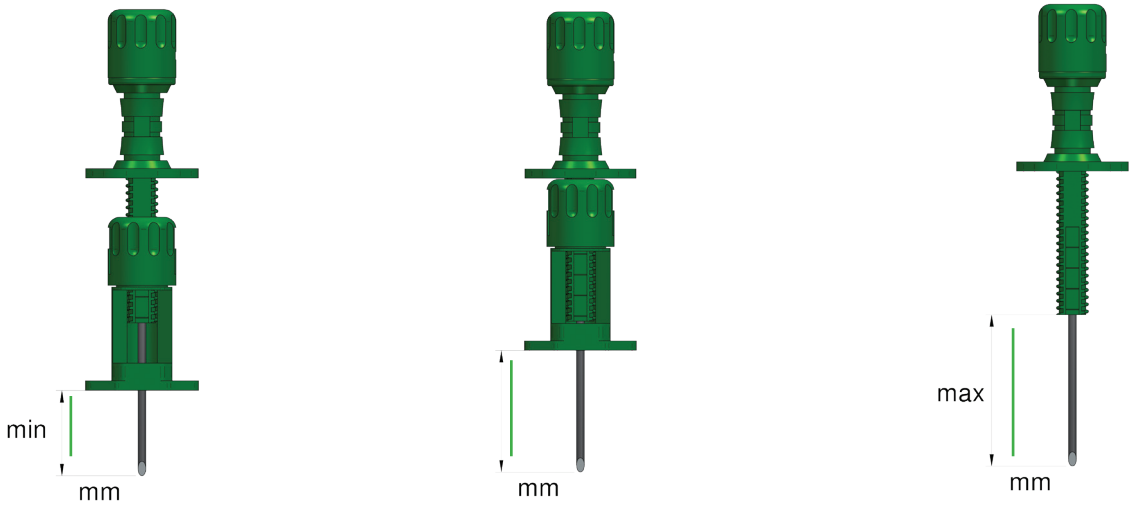


MINIMUM LENGTH
(needle with gear fully unscrewed)

MAXIMUM LENGTH
(needle with gear fully screwed)

MAXIMUM LENGTH
(needle without gear)

ORDER GUIDE - STERNOBELL™

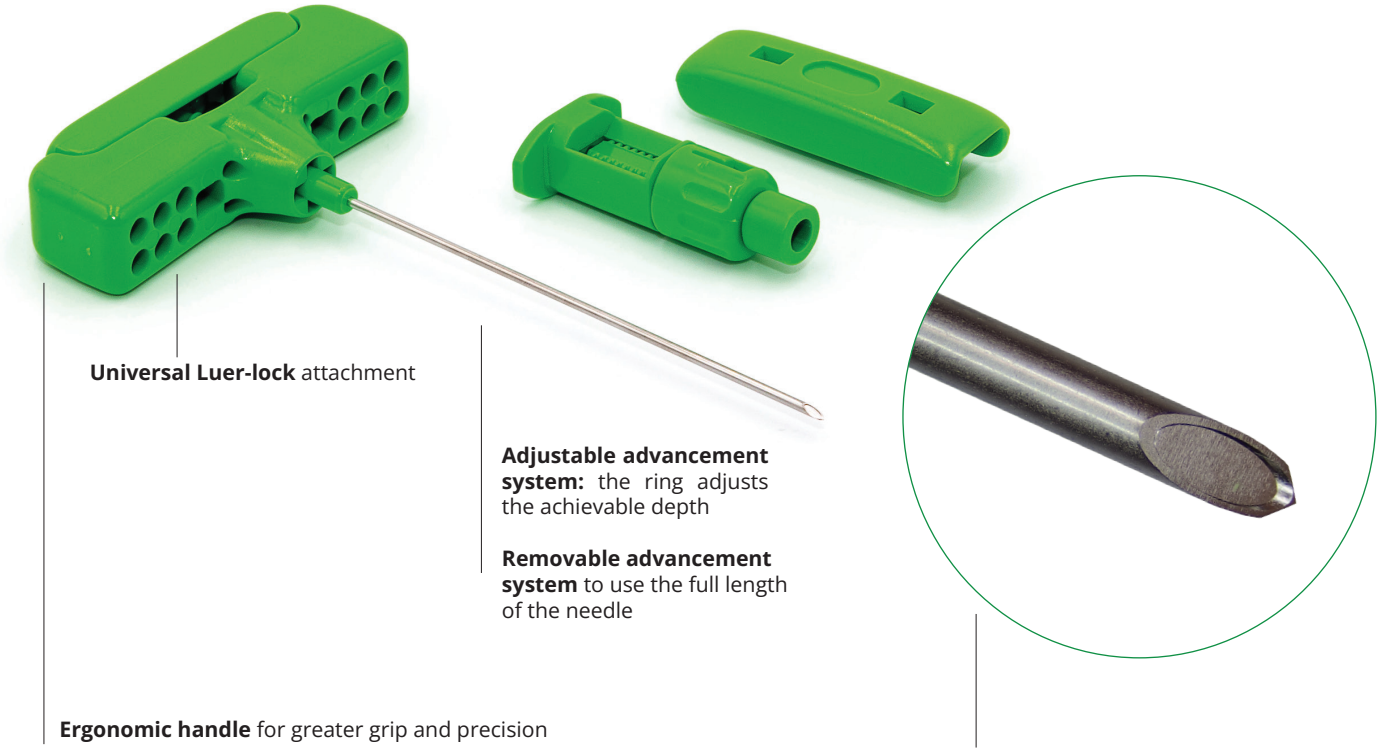
GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	MINIMUM LENGTH (mm)* 	MAXIMUM LENGTH (mm)* 	MAXIMUM LENGTH WITHOUT GEAR (mm)* 	PIECES PER BOX
14G	2,1	RN1425 RN1440 RN1455	14G x 2,5cm 14G x 4,0cm 14G x 5,5cm	7 22 37	25 40 55	32 47 62	20
15G	1,8	RN1525 RN1540 RN1555	15G x 2,5cm 15G x 4,0cm 15G x 5,5cm	7 22 37	25 40 55	32 47 62	20
16G	1,6	RN1625 RN1640 RN1655	16G x 2,5cm 16G x 4,0cm 16G x 5,5cm	7 22 37	25 40 55	32 47 62	20
18G	1,2	RN1825 RN1840 RN1855	18G x 2,5cm 18G x 4,0cm 18G x 5,5cm	7 22 37	25 40 55	32 47 62	20

Surgical technique:

+ **Adjust the cannula** by turning the millimetre advancement ring. The size of the protrusion can be seen on the graduated scale.
+ **Insert the cannula + stylet system** passing through skin and subcutis to the predetermined depth of the bone cavity.
+ **Unscrew the cap**, remove the stylet and connect a Luer-lock syringe. Proceed with aspiration of the bone marrow blood.
+ **Disconnect the syringe** with the aspirate and reinsert the stylet.
+ **Remove the cannula + stylet system with rotary movements.**

ILIAC MARROW™

ILIAC MARROW™ is a single-use device for bone marrow aspirate from the iliac crest.



Universal Luer-lock attachment

Adjustable advancement system: the ring adjusts the achievable depth

Removable advancement system to use the full length of the needle

Ergonomic handle for greater grip and precision

Triple sharpening for easy penetration

Surgical technique:

+ **Insert the adjustable spacer into the handle.** Adjust cannula protrusion by turning the ring nut.
+ **Insert the cannula + stylet system perpendicular to the bone surface** and advance by rotating until the medullary cavity is reached.
+ When the desired depth has been reached, **remove the stylet.**
+ **Insert a syringe into the Luer-lock cone** and aspirate the bone marrow tissue.
+ **Disconnect the syringe** with the aspirate and reinsert the stylet.
+ **Remove the cannula + stylet system with rotary movements.**

ORDER GUIDE - ILIAC MARROW™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	MINIMUM LENGTH (mm)	MAXIMUM LENGTH (mm)	MAXIMUM LENGTH WITHOUT GEAR (mm)	PIECES PER BOX
15G	1,80	IM1507	15G x 7cm	9	25	71	10

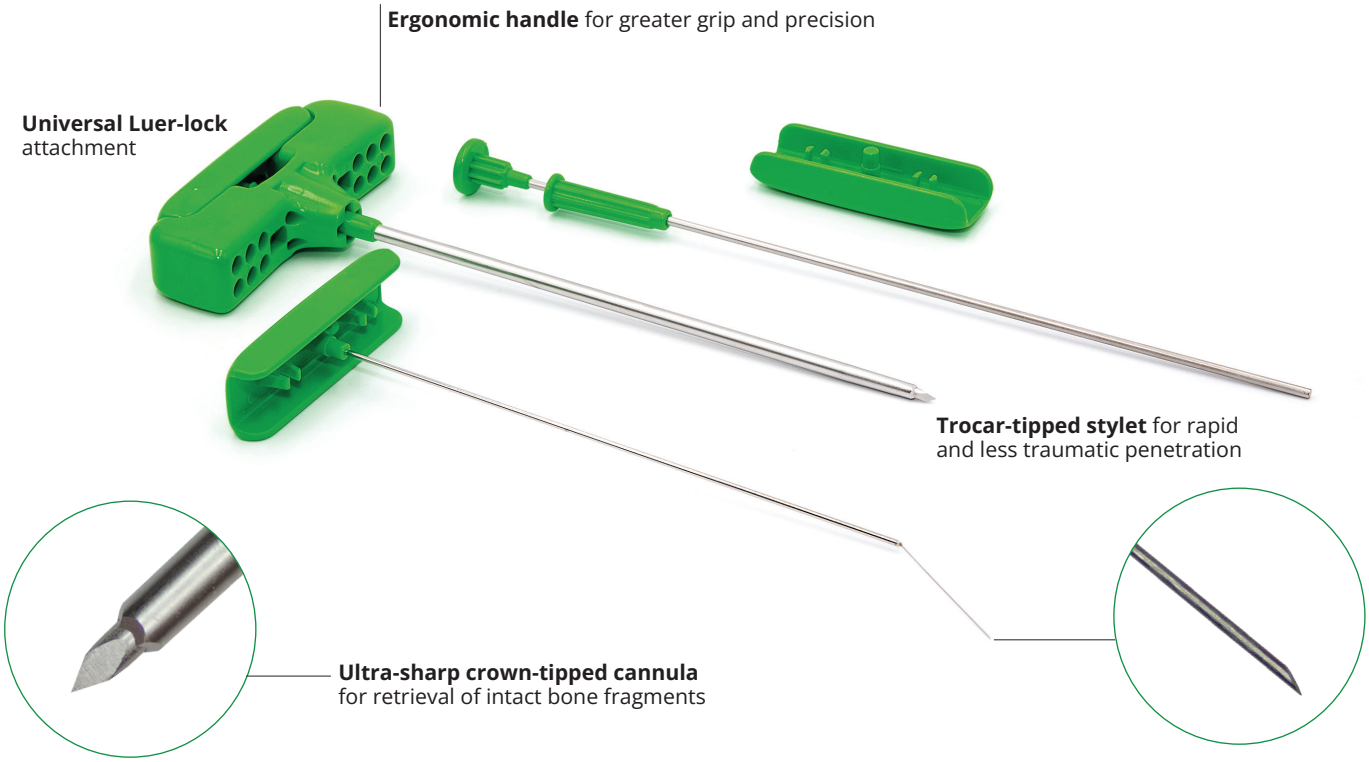
BONE MARROW BIOPSY

A bone marrow biopsy involves the removal of a small solid fragment of bone marrow tissue, usually from the pelvic bone. Similar to bone marrow aspiration, the area is anaesthetised locally. A special biopsy needle is introduced into the bone to take a small cylindrical sample of marrow.

Applications: This procedure offers more in-depth information than aspiration alone, as it allows the structure and architecture of the bone marrow to be examined. It is used to diagnose and monitor haematological disorders, neoplasms and other diseases affecting the marrow. It allows abnormal cells to be identified, cell composition to be assessed and the overall structure of the bone marrow to be analysed.

FULLY REMOVE™

FULLY REMOVE™ allows osteomedullary biopsies from the iliac crest without performing the dislocation manoeuvre.



Surgical technique:

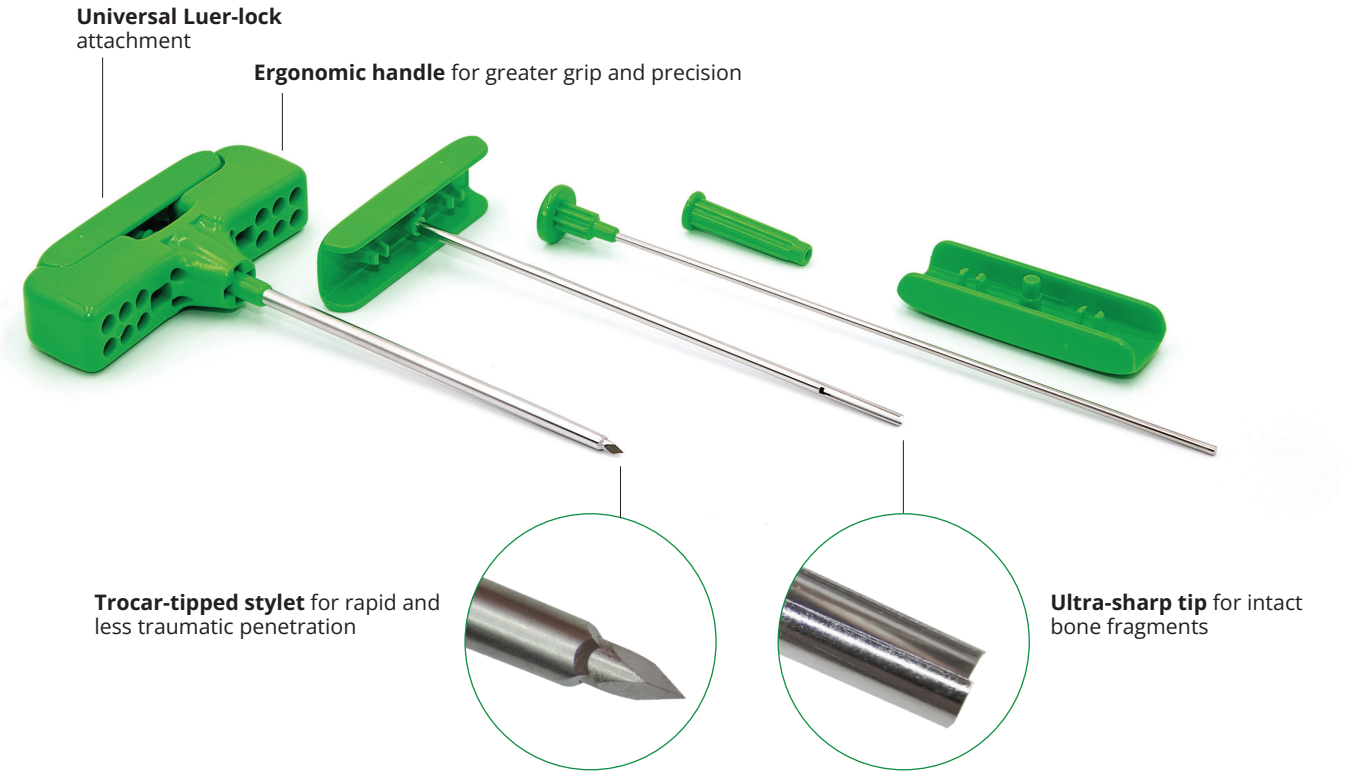
+ **Insert the cannula + stylet system perpendicular** to the bone surface and advance to the medullary cavity by turning the device to the right and left.
+ **Remove the stylet.**
+ **Proceed into the medullary cavity for approximately 2 cm.**
+ **Perform the biopsy by rotating the cannula to cut the tissue frustule** without damaging it and without dislocation.
+ **Remove the device.**
+ **Extract the specimen** by inserting the tip protector and extractor.
+ It is advisable to perform any further aspiration at a point other than the histological sampling point.

ORDER GUIDE - FULLY REMOVE™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
8G	4,00	FU0810 FU0815	8G x 10cm 8G x 15cm	10
11G	3,00	FU1110 FU1115	11G x 10cm 11G x 15cm	10
13G	2,50	FU1306	13G x 6cm	10

TOTALLY REMOVE™

TOTALLY REMOVE™ allows osteomedullary biopsies from the iliac crest without performing the dislocation manoeuvre and locking the sample inside. With only one puncture it allows both histological and cytological sampling.



Surgical technique:

+ **Insert the cannula + stylet system perpendicular to the bone surface.** Advance by pushing and twisting the needle left and right to the medullary cavity.
+ **Remove the stylet.**
+ **Advance the cannula into the medullary cavity for approximately 2 cm.**
+ **Insert the TOTALLY REMOVE™ cannula into the handle until it locks and rotate the device for two complete turns,** cutting the tissue frustule without damaging it and without dislocation.
+ **Remove the TOTALLY REMOVE™ cannula** and apply the cap to the cannula remaining in the patient.
+ **To extract the specimen** from the TOTALLY REMOVE™ cannula, **insert the extractor from the handle side.**
+ If bone marrow aspirate is required, remove the cap from the cannula remaining in situ, attach a Luer-lock syringe and aspirate, or remove the device.

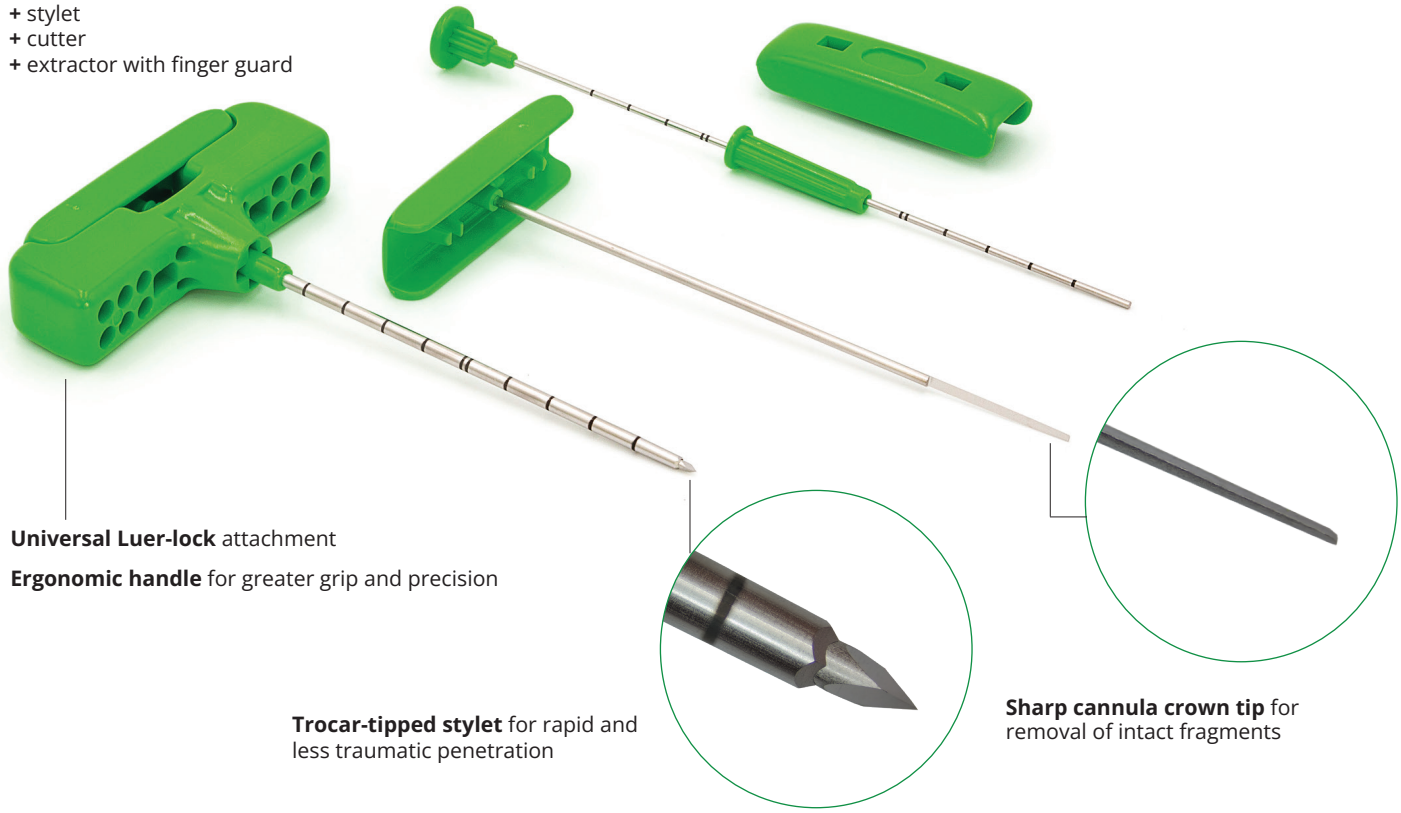
ORDER GUIDE - TOTALLY REMOVE™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
8G	4,00	TO0810 TO0815	8G x 10cm 8G x 15cm	10
11G	3,00	TO1110 TO1115	11G x 10cm 11G x 15cm	10

UNLUX SYSTEM™

UNLUX SYSTEM™ allows osteomedullary biopsies from the iliac crest without performing the dislocation manoeuvre thanks to patented features.

UNLUX SYSTEM™ includes:
+ cannula and cap
+ stylet
+ cutter
+ extractor with finger guard



Universal Luer-lock attachment

Ergonomic handle for greater grip and precision

Trocar-tipped stylet for rapid and less traumatic penetration

Sharp cannula crown tip for removal of intact fragments

Surgical technique:

+ **Insert the cannula + stylet system perpendicular to the bone surface.** Advance by pushing and twisting the needle left and right to the medullary cavity.
+ **Remove the stylet.**
+ **Advance 2 cm.**
+ **Insert the UNLUX SYSTEM™ cutter** and rotate the cutter + cannula system 360° twice to cut the tissue without damaging it and without dislocation.
+ **Remove the cannula + cutter system** from the patient.
+ **To extract the specimen, insert the finger guard from the tip side,** remove the UNLUX SYSTEM™ cutter and insert the extractor from the tip side.

ORDER GUIDE - UNLUX SYSTEM™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
8G	4,00	ULSEC0810C ULSEC0815C	8G x 10cm 8G x 15cm	10
11G	3,00	ULSEC1110C ULSEC1115C	11G x 10cm 11G x 15cm	10

OSTEOBELL T™

OSTEOBELL T™ allows osteomedullary biopsies from the iliac crest.

Ergonomic handle for
greater grip and precision

Universal Luer-lock attachment

Trocar-tipped stylet for rapid
and less traumatic penetration

OSTEOBELL T™ includes:
+ extractor for rapid sample ejection
+ finger guard
+ protective cap

Ultra-sharp cannula tip for
intact osteomedullary fragments

Surgical technique:

+ **Insert the cannula + stylet system perpendicular to the bone surface.** Advance by pushing and twisting left and right until the medullary cavity is reached.
+ **Remove the stylet.**
+ **Advance the cannula into the medullary cavity for approximately 2 cm.**
+ **Push the cannula forward 2-3 centimetres into the medullary cavity,** then another 2-3 millimetres by rotating.
+ **Cut the tissue frustule** and pull the needle out slowly.
+ **To extract the specimen, insert the finger guard and the extractor on the tip side** and push it out.

ORDER GUIDE - OSTEOBELL T™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
8G	4,00	OB0810T OB0815T	8G x 10cm 8G x 15cm	10
11G	3,00	OB1110T OB1115T	11G x 10cm 11G x 15cm	10
13G	2,50	OB1306T	13G x 6cm	10
13G	2,50	OB1310T	13G x 10cm	10

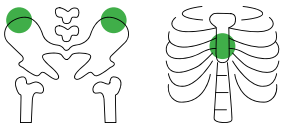
BONE MARROW EXPLANTATION

Procedure: Bone marrow explantation is a surgical procedure aimed at harvesting a significant amount of bone marrow. It is usually performed in the operating theatre under general or local anaesthesia. Special needles are inserted into the pelvic bones on both sides and the bone marrow is extracted using syringes.

Applications: This procedure is mainly used for bone marrow transplantation, where the harvested marrow is used in the treatment of patients with certain forms of cancer, such as leukaemia, or other life-threatening haematological diseases. The extracted bone marrow can be transplanted into the patient himself (autologous transplantation) or a compatible recipient (allogeneic transplantation), helping to regenerate healthy blood cells and restore normal bone marrow function.

STERNOBELL EXPLANT™

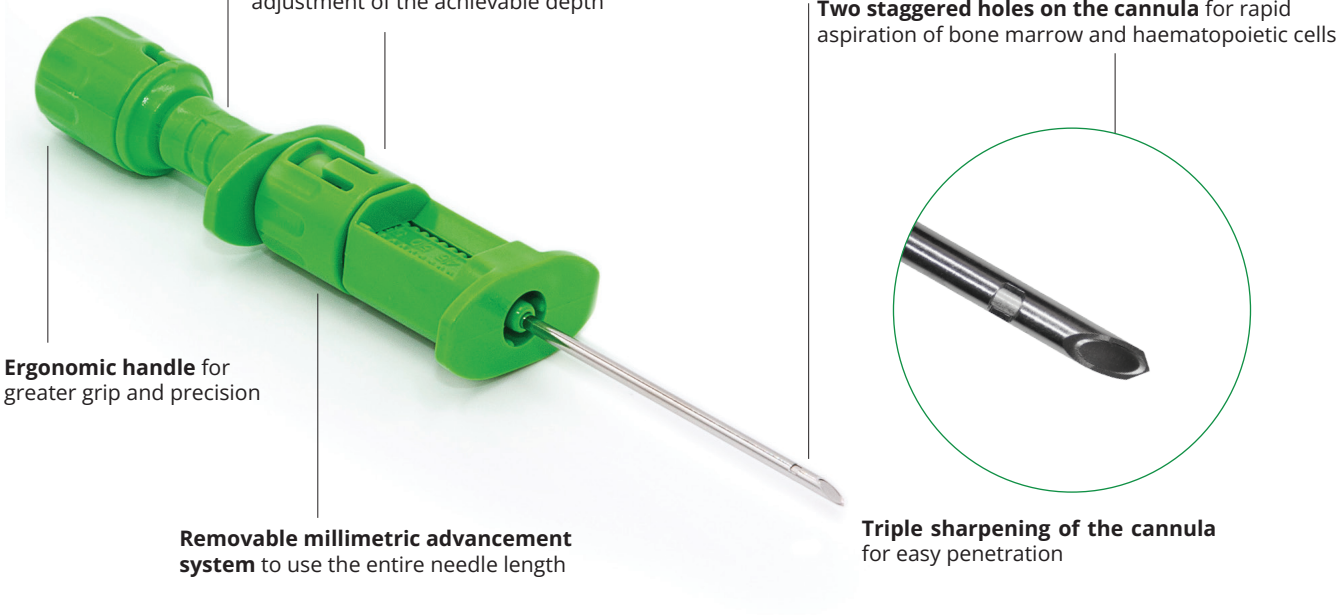
STERNOBELL EXPLANT™ is a bone marrow explant needle designed for bone marrow transplants from the iliac crest or sternum.



Universal Luer-lock attachment

Millimetric advancement ring indicating needle length for easy adjustment of the achievable depth

Two staggered holes on the cannula for rapid aspiration of bone marrow and haematopoietic cells



Ergonomic handle for greater grip and precision

Removable millimetric advancement system to use the entire needle length

Triple sharpening of the cannula for easy penetration

Surgical technique:

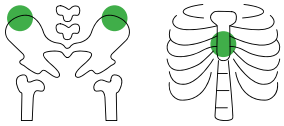
+ **Adjust the protrusion of the cannula by turning the ring nut clockwise.** The measurement is visible on the millimetric scale.
+ **If necessary, remove the ring + depth stop system** to use the entire available length.
+ **Position the cannula + stylet system on the selected site,** pass through skin and subcutis, and push by turning left and right until penetrating the bone cavity at the selected depth.
+ **Unscrew the cap and remove the stylet.** Attach a syringe and proceed to aspirate the bone marrow blood.
+ **Disconnect the syringe with the aspirated blood.**
+ **Reinsert the stylet into the cannula** and remove the needle from the patient's body by turning it to the right and left.

ORDER GUIDE - STERNOBELL EXPLANT™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
14G	2,1	RNE1455	14G x 5,5cm	20
15G	1,8	RNE1540 RNE1555	15G x 4,0cm 15G x 5,5cm	20

OSTEOBELL EXPLANT™

OSTEOBELL EXPLANT™ is a needle designed for bone marrow transplants.



OSTEOBELL EXPLANT™ includes:
+ an additional stylet for further procedure
+ a closing cap for user protection

Ergonomic handle for greater grip and precision

Five staggered holes on the cannula for rapid aspiration of bone marrow and haematopoietic cells

Universal Luer-lock attachment

Trocar-tipped stylet for rapid and less traumatic penetration

Surgical technique:

+ **Insert the cannula + stylet system perpendicular to the bone surface.** Push the needle by turning it to the right and left until it enters the medullary cavity and then to the desired depth.
+ **Remove the stylet.**
+ **Insert a syringe into the Luer-lock cone and aspirate the marrow tissue.**
+ **Reinsert the stylet and remove the system.**

ORDER GUIDE - OSTEOBELL EXPLANT™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
11G	3,00	0BE1111TC	11G x 11cm	10

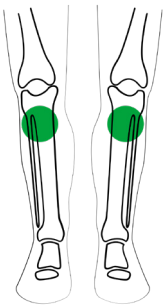
INTRAOSSEUS INFUSION NEEDLE

Intraosseous infusion is a medical procedure that delivers fluids, medications, or blood products directly into the bone marrow when intravenous access is difficult or delayed. It is used in emergencies like shock, cardiac arrest, or severe trauma to ensure rapid circulation of life-saving treatments.

Intraosseous infusion is typically performed in large, easily accessible bones with rich marrow cavities. Common sites include the proximal tibia (just below the knee), the proximal humerus (upper arm), and the sternum (in some cases). The distal femur and distal tibia can also be used, especially in pediatric patients.

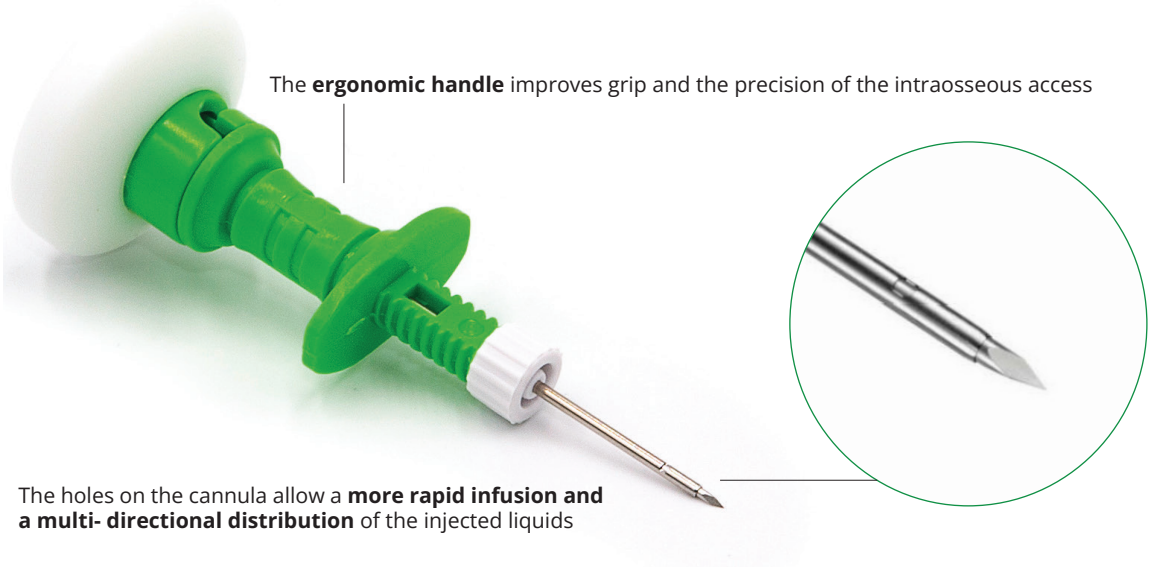
INTRAOX™

It is a disposable device used to provide and infuse liquids and drugs under emergency conditions, when the common vascular access is not immediately available. Intraosseous access can be an appropriate and quick alternative to treat shocked patients in critical conditions.



A **universal luer lock connector** suitable with any kind of syringe

The **ergonomic handle** improves grip and the precision of the intraosseous access



The holes on the cannula allow a **more rapid infusion and a multi- directional distribution** of the injected liquids

Surgical technique:

+ **Identify the insertion site.** The preferred site for intraosseous infusion in children under 6 years of age is the anteromedial surface of the proximal tibia, just below the tibial tuberosity. Other suitable sites include the distal tibia (1–2 cm above the medial malleolus in older children and adults), the distal femur, and the proximal humerus.
+ **Disinfect the skin and apply local anaesthesia** if time permits.
+ Stabilize the limb and **insert the INTRAOX™ needle.**
+ **Advance the needle with controlled pressure** and rotation until a sudden loss of resistance is felt, indicating entry into the medullary cavity.
+ **Remove the stylet.**
+ **Attach an appropriate syringe** to the Luer-lock cone and **begin administration of fluids as required.**

ORDER GUIDE - INTRAOX™

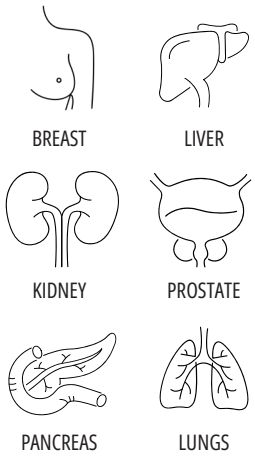
GAUGE	DIAMETER (mm)	3 cm	PIECES PER BOX
14G	2,00	IOF140305	10
15G	1,80	IOF150305	10
16G	1,60	IOF160305	10
18G	1,20	IOF180305	10

SOFT TISSUE BIOPSY

Soft Tissue Biopsy is used to assess abnormalities in organs, muscles, or fat tissue.
These procedures typically use thin-walled cannulas or coaxial systems that allow one or multiple sample collection while preserving surrounding tissue integrity.

ESTER™

ESTER™ is a fully automatic, single-use device, ideal for prostate, liver, kidney and breast biopsies. This device has unique features that have allowed it to be patented for specific technical aspects.



TWO FIRING MODES:

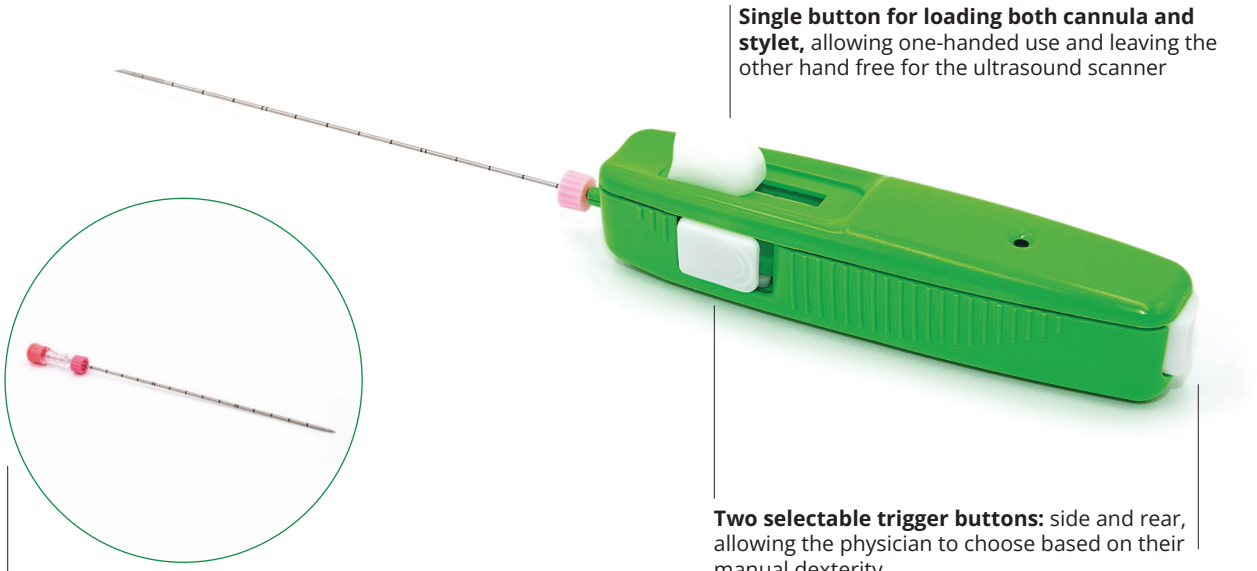
Mode 1: TWO-PHASE FIRING

First phase: Lightly press the button to advance only the stylet, exposing the sampling notch.

Second phase: Press the button fully to advance the cannula as well.

Mode 2: SINGLE-PHASE FIRING

Press the button fully in one action to advance both the stylet and cannula simultaneously.



Single button for loading both cannula and stylet, allowing one-handed use and leaving the other hand free for the ultrasound scanner

Two selectable trigger buttons: side and rear, allowing the physician to choose based on their manual dexterity

Coaxial needle option (INTRODUTTORE™), ideal for multiple sampling biopsies (e.g., breast biopsies)

Surgical technique:

+ **Load the cannula by pressing the central button** to lower it to its maximum stroke and release it to return it to its initial position.
+ Repeat the operation to load the stylet; a visual indicator in the front hole will confirm successful loading.
+ **Insert the needle tip into the selected biopsy target, following the procedure under ultrasound guidance.**
+ Proceed with firing using either the rear or side button, choosing between: Two-phase firing: press lightly to advance only the stylet, then fully to advance the cannula. Single-phase firing: press the button fully to advance both the stylet and cannula simultaneously.
+ Slowly withdraw the needle from the patient.
+ To retrieve the frustule, press the central loading button once; the sample will be exposed and can be deposited onto a microscope slide.

ORDER GUIDE - ESTER™ - Notch area 20mm

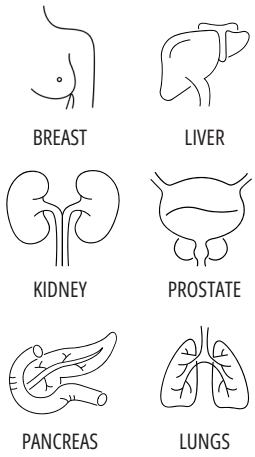
GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	NEEDLE WITH INTRODUCER CODE	PIECES PER BOX
14G	2,00	GUN1410EC GUN1415EC GUN1420EC GUN1425EC	14G x 10cm 14G x 15cm 14G x 20cm 14G x 25cm	GUNTR1410EC GUNTR1415EC GUNTR1420EC GUNTR1425EC	5
16G	1,60	GUN1610EC GUN1615EC GUN1620EC GUN1625EC	16G x 10cm 16G x 15cm 16G x 20cm 16G x 25cm	GUNTR1610EC GUNTR1615EC GUNTR1620EC GUNTR1625EC	5
18G	1,27	GUN1810EC GUN1815EC GUN1820EC GUN1825EC	18G x 10cm 18G x 15cm 18G x 20cm 18G x 25cm	GUNTR1810EC GUNTR1815EC GUNTR1820EC GUNTR1825EC	5
20G	0,90	GUN2010EC GUN2015EC GUN2020EC GUN2025EC	20G x 10cm 20G x 15cm 20G x 20cm 20G x 25cm	GUNTR2010EC GUNTR2015EC GUNTR2020EC GUNTR2025EC	5

ORDER GUIDE - ESTER™ - Notch area 10mm

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
14G	2,00	GUN1410EC10 GUN1415EC10 GUN1420EC10 GUN1425EC10	14G x 10cm 14G x 15cm 14G x 20cm 14G x 25cm	5
16G	1,60	GUN1610EC10 GUN1615EC10 GUN1620EC10 GUN1625EC10	16G x 10cm 16G x 15cm 16G x 20cm 16G x 25cm	5
18G	1,27	GUN1810EC10 GUN1815EC10 GUN1820EC10 GUN1825EC10	18G x 10cm 18G x 15cm 18G x 20cm 18G x 25cm	5
20G	0,90	GUN2010EC10 GUN2015EC10 GUN2020EC10 GUN2025EC10	20G x 10cm 20G x 15cm 20G x 20cm 20G x 25cm	5

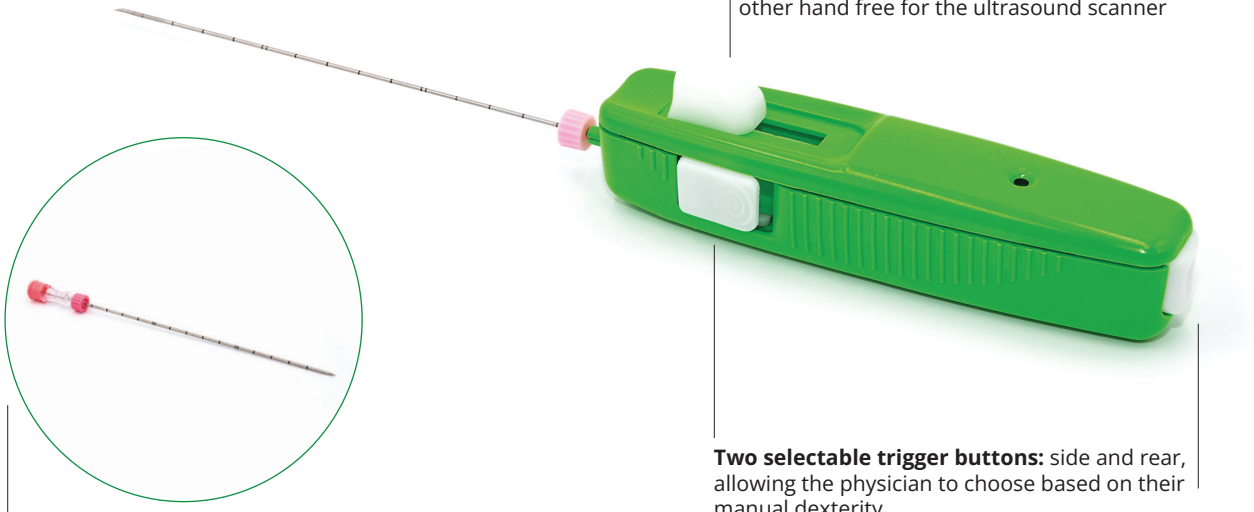
ESTER ONE SHOT™

ESTER ONE SHOT™ is a fully automatic, single-use device, particularly suitable for prostate, liver, kidney and breast biopsies. This device has unique features that have enabled it to be patented for specific technical aspects.



AUTOMATIC FIRING: fully pressing down the button advances the stylet and cannula simultaneously.

Single button for loading both cannula and stylet, allowing one-handed use and leaving the other hand free for the ultrasound scanner



Two selectable trigger buttons: side and rear, allowing the physician to choose based on their manual dexterity

Coaxial needle option (INTRODUTTORE™), ideal for multiple sampling biopsies (e.g., breast biopsies)

Surgical technique:

+ **Load the cannula** by fully lowering the central charging lever, then releasing it and allowing it to return to its initial position.
+ **Repeat the operation to load the stylet**; a visual signal in the anterior hole indicates the complete loading.
+ **Insert the needle tip into the selected target for biopsy** and proceed under ultrasound guidance.
+ **Fire by pressing the rear or side button.**
+ **Slowly withdraw the needle** from the patient.
+ **To retrieve the frustule,** lower the central charging lever once; the frustule will be uncovered and can be deposited on a slide.

ORDER GUIDE - ESTER ONE SHOT™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	NEEDLE WITH INTRODUCER CODE	PIECES PER BOX
14G	2,00	GUN1410EC-OS GUN1415EC-OS GUN1420EC-OS GUN1425EC-OS	14G x 10cm 14G x 15cm 14G x 20cm 14G x 25cm	GUNTR1410EC-OS GUNTR1415EC-OS GUNTR1420EC-OS GUNTR1425EC-OS	5
16G	1,60	GUN1610EC-OS GUN1615EC-OS GUN1620EC-OS GUN1625EC-OS	16G x 10cm 16G x 15cm 16G x 20cm 16G x 25cm	GUNTR1610EC-OS GUNTR1615EC-OS GUNTR1620EC-OS GUNTR1625EC-OS	5
18G	1,27	GUN1810EC-OS GUN1815EC-OS GUN1820EC-OS GUN1825EC-OS	18G x 10cm 18G x 15cm 18G x 20cm 18G x 25cm	GUNTR1810EC-OS GUNTR1815EC-OS GUNTR1820EC-OS GUNTR1825EC-OS	5
20G	0,90	GUN2010EC-OS GUN2015EC-OS GUN2020EC-OS GUN2025EC-OS	20G x 10cm 20G x 15cm 20G x 20cm 20G x 25cm	GUNTR2010EC-OS GUNTR2015EC-OS GUNTR2020EC-OS GUNTR2025EC-OS	5

BIOSOFT™

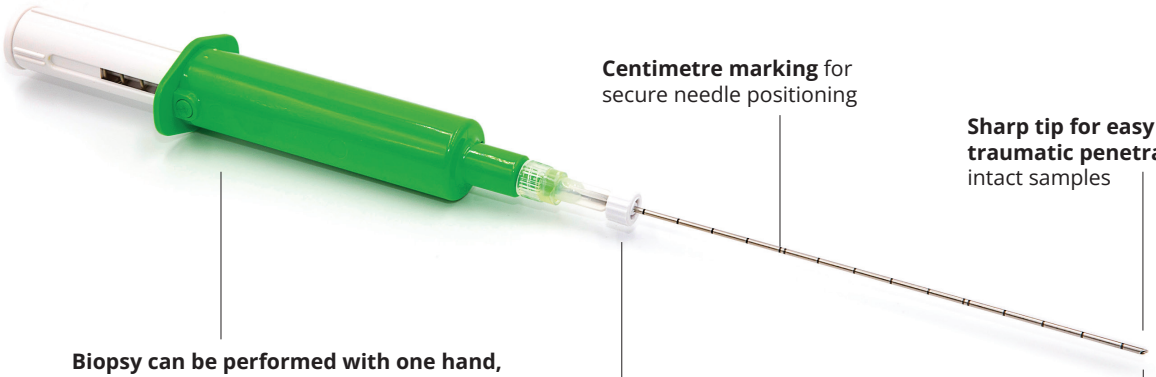
BIOSOFT™ is a disposable automatic aspiration device used in major histological biopsies.

KIDNEY

LIVER

LUNGS

Available in two versions: with fixed cannula and with removable cannula



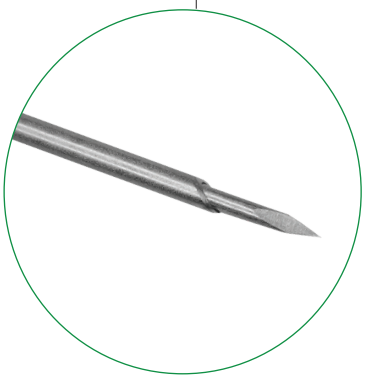
Centimetre marking for secure needle positioning

Sharp tip for easy and less traumatic penetration, ensuring intact samples

Biopsy can be performed with one hand, thanks to automatic sample aspiration

Sliding stopper to predefine penetration depth

Speed and precision in biopsy execution



Surgical technique:

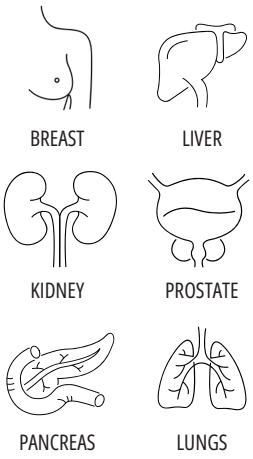
+ **Load the needle** by pressing the plunger until the anterior button is felt to engage.
+ **Insert the needle tip** into the selected biopsy site and proceed under ultrasound guidance.
+ **Press the anterior firing button** to start automatic aspiration. Advance the needle approximately 2 cm to take the sample.
+ **Slowly withdraw the needle.**
+ To retrieve the frustule near the needle tip, **reload the device by pressing the rear plunger and deposit the sample on a slide.**

ORDER GUIDE - BIOSOFT™

GAUGE	DIAMETER (mm)	PRODUCT CODE WITH FIXED CANNULA	NEEDLE SIZE	PRODUCT CODE WITH REMOVABLE CANNNULA	PIECES PER BOX
16G	1,60	BSF1610C BSF1615C BSF1620C	16G x 10cm 16G x 15cm 16G x 20cm		10
17G	1,47	BSF1710C BSF1715C BSF1720C	17G x 10cm 17G x 15cm 17G x 20cm		10
18G	1,27	BSF1810C BSF1815C BSF1820C	18G x 10cm 18G x 15cm 18G x 20cm	BSF1815C-GLP	10
20G	0,90	BSF2010C BSF2015C BSF2020C	20G x 10cm 20G x 15cm 20G x 20cm		10
21G	0,80	BSF2110C BSF2115C BSF2120C	21G x 10cm 21G x 15cm 21G x 20cm		10
22G	0,70	BSF2210C	22G x 10cm	BSF2210C-GLP	10

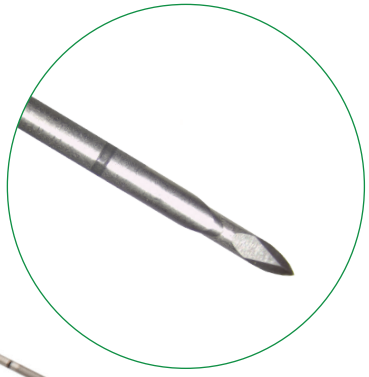
SPEEDYBELL™

SPEEDYBELL™, a semi-automatic guillotine needle for soft tissue biopsy, designed for precision and ease of use.



Ring handle for a firm and secure grip during the procedure

Centimetre markings on the cannula to control the depth reached



Echogenic marker on the cannula tip for continuous needle position monitoring during the biopsy

Coaxial needle option (INTRODUTTORE™), ideal for multiple sampling biopsies (e.g., breast biopsies)

Surgical technique:

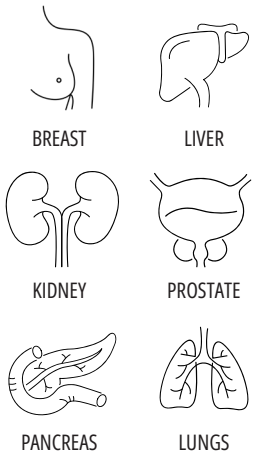
+ **Insert two fingers into the rings** and, with the other hand, pull the rear knob until the needle is fully loaded.
+ **Insert the needle into the selected biopsy site,** maintaining a consistent position and orientation.
+ **Firmly push the rear knob to capture the sample.**
+ **Gently withdraw the needle from the patient.**
+ To retrieve the sample and transfer it onto a microscope slide, **reload the needle by pulling the rear knob and gently pushing it forward for three-quarters of the stroke.**

ORDER GUIDE - SPEEDYBELL™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	NEEDLE WITH INTRODUCER CODE	PIECES PER BOX
14G	2,00	SB1410EC SB1415EC SB1420EC SB1425EC	14G x 10cm 14G x 15cm 14G x 20cm 14G x 25cm	SBTR1410EC SBTR1415EC SBTR1420EC SBTR1425EC	10
16G	1,60	SB1610EC SB1615EC SB1620EC SB1625EC	16G x 10cm 16G x 15cm 16G x 20cm 16G x 25cm	SBTR1610EC SBTR1615EC SBTR1620EC SBTR1625EC	10
18G	1,27	SB1810EC SB1815EC SB1820EC SB1825EC	18G x 10cm 18G x 15cm 18G x 20cm 18G x 25cm	SBTR1810EC SBTR1815EC SBTR1820EC SBTR1825EC	10
20G	0,90	SB2010EC SB2015EC SB2020EC SB2025EC	20G x 10cm 20G x 15cm 20G x 20cm 20G x 25cm	SBTR2010EC SBTR2015EC SBTR2020EC SBTR2025EC	10

SPEEDYBELL DOPPIA CORSA™

SPEEDYBELL DOPPIA CORSA™ is a semi-automatic guillotine needle for soft tissue biopsy, offering versatility and precision through the ability to select the sampling notch.



Echogenic marker on the cannula tip for continuous needle position monitoring during the procedure

Centimetre markings on the cannula to control the depth reached

Choice between **two sampling notch sizes:** 10 mm or 20 mm

Ring handle for a stable and secure grip

Coaxial needle option (INTRODUTTORE™), ideal for multiple sampling biopsies (e.g., breast biopsies)

Surgical technique:

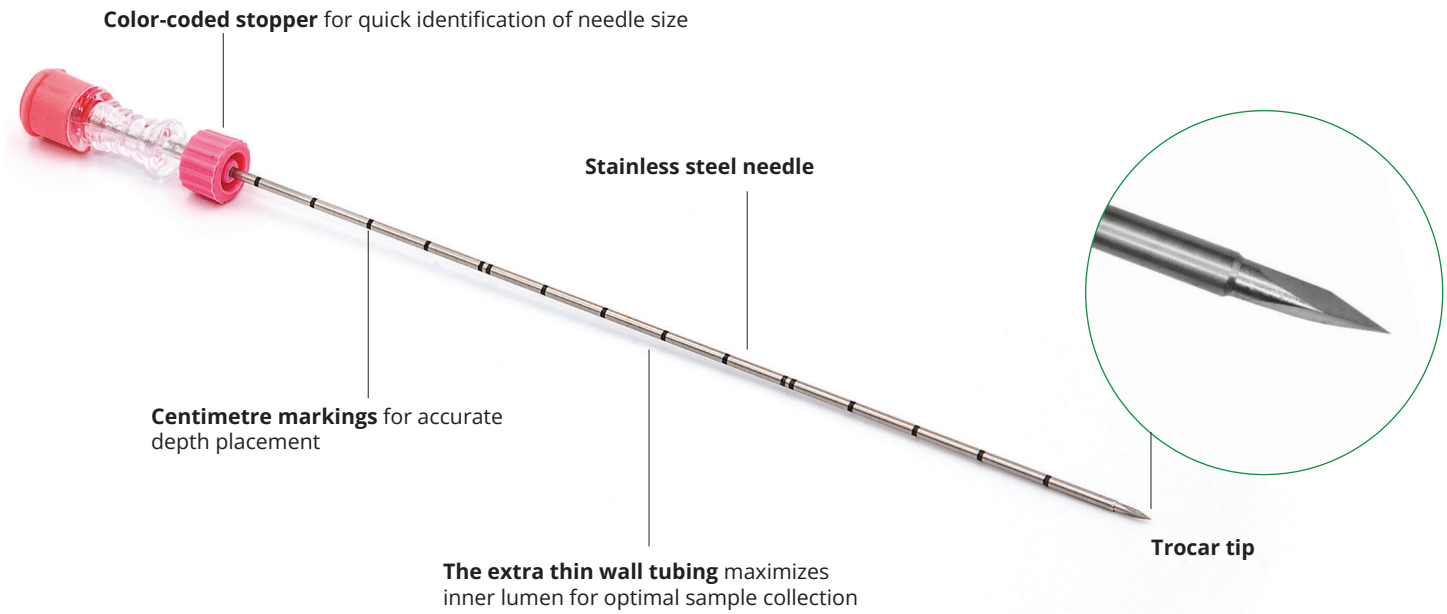
+ **Insert two fingers into the rings** and, with the other hand, pull the rear knob back to the first click for a 10 mm notch or to the second click for a 20 mm notch.
+ **Insert the needle into the selected biopsy site,** maintaining the needle's position and orientation.
+ **Push the rear knob fully forward** to perform the sampling.
+ **Gently withdraw the needle from the patient.**
+ To expose the sample and transfer it onto a microscope slide, **reload the needle and push the knob forward for three-quarters of the stroke.**

ORDER GUIDE - SPEEDYBELL DOPPIA CORSA™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	NEEDLE WITH INTRODUCER CODE	PIECES PER BOX
14G	2,00	SBD1410EC SBD1415EC SBD1420EC SBD1425EC	14G x 10cm 14G x 15cm 14G x 20cm 14G x 25cm	SBDTR1410EC SBDTR1415EC SBDTR1420EC SBDTR1425EC	10
16G	1,60	SBD1610EC SBD1615EC SBD1620EC SBD1625EC	16G x 10cm 16G x 15cm 16G x 20cm 16G x 25cm	SBDTR1610EC SBDTR1615EC SBDTR1620EC SBDTR1625EC	10
18G	1,27	SBD1810EC SBD1815EC SBD1820EC SBD1825EC	18G x 10cm 18G x 15cm 18G x 20cm 18G x 25cm	SBDTR1810EC SBDTR1815EC SBDTR1820EC SBDTR1825EC	10
20G	0,90	SBD2010EC SBD2015EC SBD2020EC SBD2025EC	20G x 10cm 20G x 15cm 20G x 20cm 20G x 25cm	SBDTR2010EC SBDTR2015EC SBDTR2020EC SBDTR2025EC	10

INTRODUTTORE™

The INTRODUTTORE™ coaxial needle is designed to facilitate multiple sample collection during soft tissue biopsies. It enables precise targeting of the biopsy area while minimizing trauma and enhancing procedural efficiency. Available as a **standalone device** or as an additional option for biopsy needles such as **SPEEDYBELL™, SPEEDYBELL DOPPIA CORSA™, and ESTER™, INTRODUTTORE™** ensures accuracy and ease of use in percutaneous procedures.



Surgical technique:

+ **Insert the INTRODUTTORE™ needle into the target tissue** to establish the biopsy pathway.
+ **Confirm correct positioning** under imaging guidance.
+ **Insert the biopsy needle through the coaxial cannula** to obtain multiple samples without repositioning.
+ Once sampling is complete, **carefully remove the needle while maintaining control of the biopsy site.**

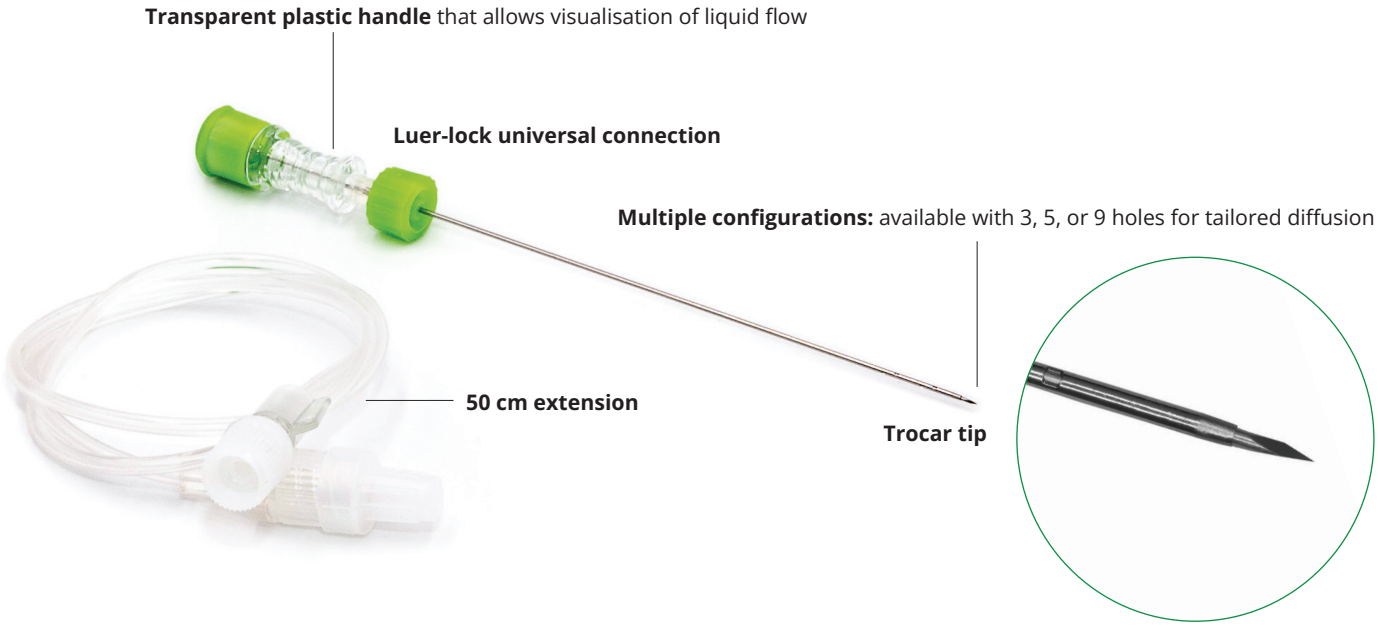
ORDER GUIDE - INTRODUTTORE™

GAUGE	DIAMETER (mm)	LENGTH (mm)	CODE
14G	2,25	50 100 150 200	STR1405EC STR1410EC STR1415EC STR1420EC
16G	1,85	50 100 150 200	STR1605EC STR1610EC STR1615EC STR1620EC
18G	1,55	50 100 150 200	STR1805EC STR1810EC STR1815EC STR1820EC
20G	1,15	50 100 150 200	STR2005EC STR2010EC STR2015EC STR2020EC

PAB™

PAB™ is a specialized needle designed for the precise injection of ethyl alcohol directly into the tumour interstice, inducing controlled necrosis of malignant tissue. Engineered for efficiency and uniform distribution, PAB™ enhances the effectiveness of percutaneous alcohol ablation procedures.

INFUSION



Offset perforations that ensures even alcohol diffusion for complete tumour necrosis

Surgical technique:

+ **Identify the precise target area for alcoholization.**
+ **Insert the PAB™ needle into the designated site.**
+ Upon reaching the target, **remove the stylet and connect the extension**.
+ Using a Luer-lock syringe, **inject ethanol gradually.**
+ Once alcoholization is complete, **detach the syringe and retract the needle.**

ORDER GUIDE - PAB™

GAUGE	DIAMETER (mm)	LENGTH	CODE	PIECES PER BOX
21	0,80mm	15	PB211508P50	20 – with 3 holes
21	0,80mm	15	PB2111512P50	20 – with 5 holes
21	0,80mm	20	PB212008P50	20 – with 3 holes

THE 9-HOLE VERSION IS AVAILABLE UPON REQUEST AS A CUSTOM-MADE ITEM.

LOCALISATION OF BREAST LESIONS

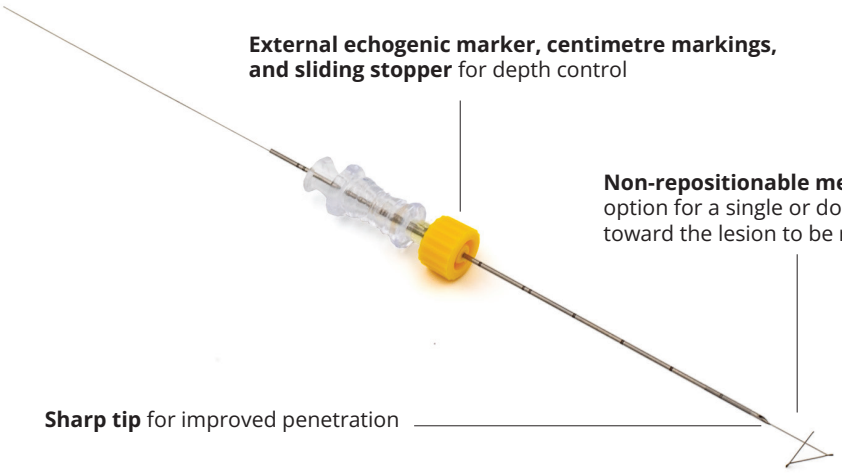
MOON™

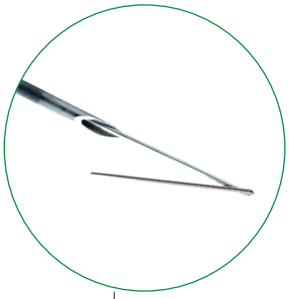

BREAST

MOON™ is a needle used for the preoperative localization of non-palpable breast lesions, supporting imaging diagnostic techniques.

MOON™ is visible with:

+ **Ultrasound:** used in real-time during placement and for verification if the lesion is visible on ultrasound.
+ **Mammography:** the most common method, providing clear visualisation of the wire




SINGLE HOOK


DOUBLE HOOK

Surgical technique:

+ **Make a small incision** on the skin to facilitate the insertion of the needle.
+ Under ultrasound guidance, **identify the nodule to be localized**. Depending on the chosen technique, insert the needle equipped with a single or double hook.
+ **Advance the guidewire through the needle to correctly mark the nodule.**
+ Once the guidewire is positioned and the lesion is localized, **gently remove the needle.**
+ **Secure the ends** using adhesive strips or other fixation methods.
+ The guidewire inserted into the patient must remain in place and should not be subjected to any forces that could cause it to break. **Do not attempt to move or reposition it,** and ensure that the patient avoids sudden movements while awaiting the surgical excision procedure.

ORDER GUIDE - MOON™

GAUGE	DIAMETER (mm)	PRODUCT CODE SINGLE HOOK	PRODUCT CODE DOUBLE HOOK	NEEDLE SIZE	PIECES PER BOX
20G	0,90	MN2007EC	MN2007LEC	20G x 7cm	20
21G	0,80	MN2105EC MN2109EC MN2115EC	MN2105LEC MN2109LEC MN2115LEC	21G x 5cm 21G x 9cm 21G x 15cm	20

CYTOLOGICAL ASPIRATION NEEDLES

CHIBELL™

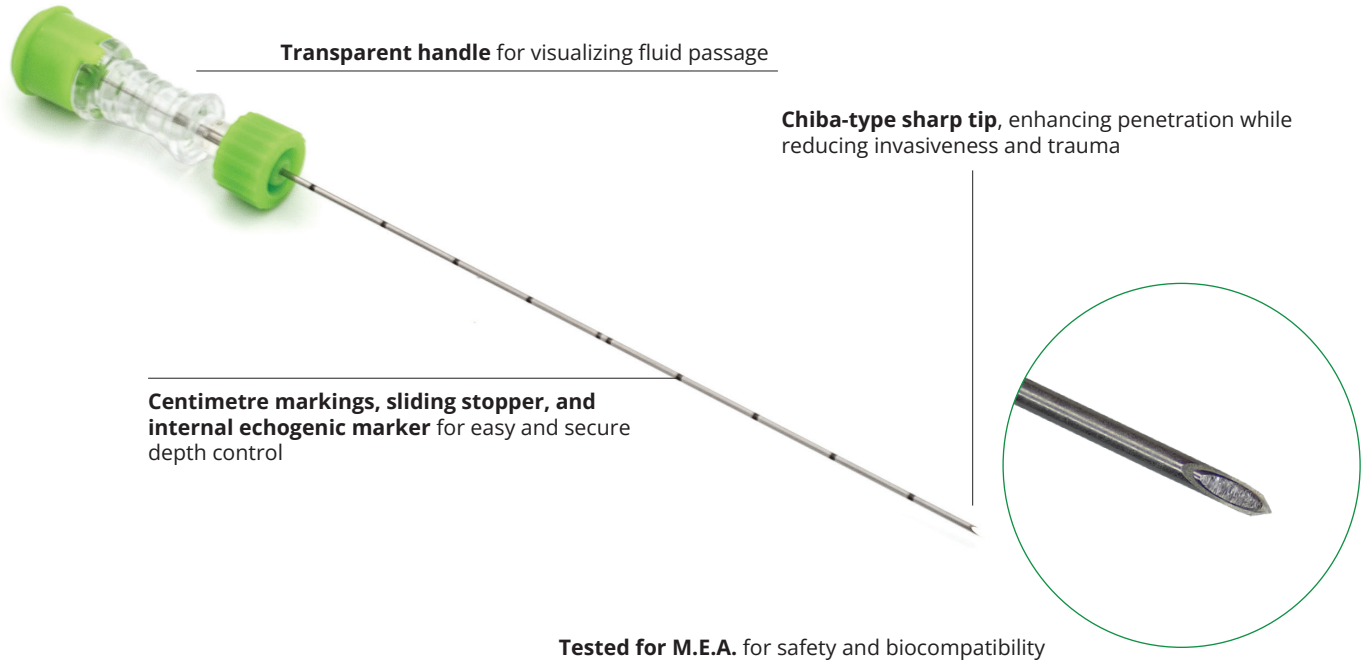
CHIBELL™ aspirating needle is versatile and can be used in various types of biopsies and prenatal diagnostics, including cytological aspirates, amniocentesis, chorionic villus sampling, cystocentesis, fine-needle aspirations, and infusions.

PRENATAL DIAGNOSIS

ASPIRATION

INFUSION

Universal Luer-lock connector



Transparent handle for visualizing fluid passage

Chiba-type sharp tip, enhancing penetration while reducing invasiveness and trauma

Centimetre markings, sliding stopper, and internal echogenic marker for easy and secure depth control

Tested for M.E.A. for safety and biocompatibility

SOFT TISSUE BIOPSY

Surgical technique:

+ **Insert the needle at the selected site for biopsy,** prenatal diagnosis, or infusion.
+ In the case of an oblique introduction, **rotate the latch of the stylet upward to improve the angling.**
+ During penetration, **hold the coloured code cap attached** to the transparent handle.
+ **Use the sliding stopper and centimetre markings to reach the aspiration point**, utilizing the internal echogenic marker for ultrasound monitoring.
+ Once the point is reached, **remove the stylet**, connect a syringe, and proceed with the aspiration or infusion of the fluid.

ORDER GUIDE - CHIBELL™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
18G	1,27	CH1810EC CH1815EC CH1820EC	18G x 10cm 18G x 15cm 18G x 20cm	20
20G	0,90	CH2010EC CH2015EC CH2020EC	20G x 10cm 20G x 15cm 20G x 20cm	20
21G	0,80	CH2110EC CH2115EC CH2120EC	21G x 10cm 21G x 15cm 21G x 20cm	20
22G	0,70	CH2210EC CH2215EC CH2220EC CH2225EC	22G x 10cm 22G x 15cm 22G x 20cm 22G x 25cm	20
23G	0,60	CH2310EC CH2315EC CH2320EC	23G x 10cm 23G x 15cm 23G x 20cm	20
25G	0,50	CH2510EC CH2515EC CH2520EC	25G x 10cm 25G x 15cm 25G x 20cm	20

GAMMA™

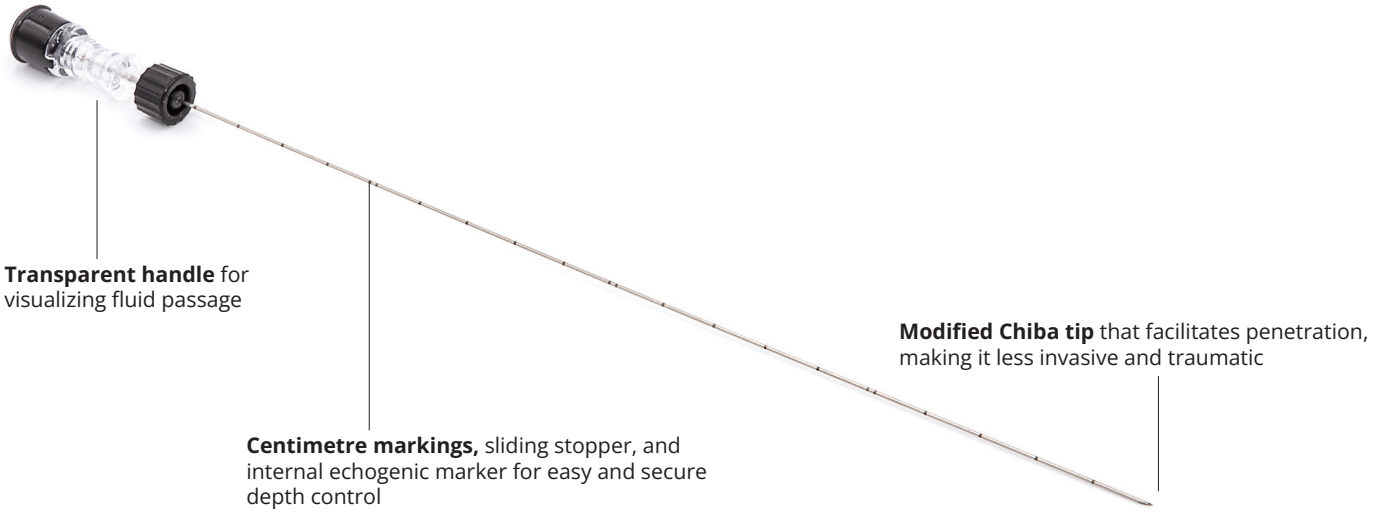
The GAMMA™ aspirating needle is versatile and can be used in various types of biopsies and prenatal diagnostics, including cytological aspirates, amniocentesis, chorionic villus sampling, cystocentesis, fine-needle aspirations and infusions.

PRENATAL DIAGNOSIS

ASPIRATION

INFUSION

Universal Luer-lock connector



Transparent handle for visualizing fluid passage

Centimetre markings, sliding stopper, and internal echogenic marker for easy and secure depth control

Modified Chiba tip that facilitates penetration, making it less invasive and traumatic

Tested for M.E.A. for safety and biocompatibility

Surgical technique:

+ **Insert the needle at the selected site for biopsy,** prenatal diagnosis, or infusion.
+ In the case of an oblique introduction, **rotate the latch of the stylet upward to improve the angle.**
+ During penetration, **hold the coloured-coded cap attached** to the transparent handle.
+ **Use the sliding stopper and centimetre markings to reach the aspiration point**, assisted by the internal echogenic marker for ultrasound monitoring.
+ Once the point is reached, **remove the stylet**, connect a syringe, and proceed with the aspiration or infusion of the fluid.

ORDER GUIDE - GAMMA™

GAUGE	DIAMETER (mm)	PRODUCT CODE	NEEDLE SIZE	PIECES PER BOX
18G	1,27	GM1810EC GM1815EC GM1820EC	18G x 10cm 18G x 15cm 18G x 20cm	20
20G	0,90	GM2009EC GM2010EC GM2012EC GM2015EC GM2020EC	20G x 9cm 20G x 10cm 20G x 12cm 20G x 15cm 20G x 20cm	20
21G	0,80	GM2109EC GM2110EC GM2115EC GM2120EC	21G x 9cm 21G x 10cm 21G x 15cm 21G x 20cm	20
22G	0,70	GM2209EC GM2210EC GM2212EC GM2215EC GM2220EC	22G x 9cm 22G x 10cm 22G x 12cm 22G x 15cm 22G x 20cm	20
25G	0,50	GM2507EC GM2509EC GM2510EC	25G x 7cm 25G x 9cm 25G x 10cm	20

WEBSITE

LINKEDIN

YOUTUBE

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