



SOMATEX[®]
Medical Technologies GmbH

Bone Marrow Biopsy Systems

Marrow Cut, Bone Marrow, Safe Cut[®]

S A F E T Y T O T H E M A ^X

Bone marrow puncture – top biopsy specimen quality for every puncture

Simply secure

Bone marrow punctures are necessary for the diagnosis of many hematological and oncological diseases. As the puncture involves considerable strain on and the risk of infection for the patient, the first puncture should ideally yield a biopsy specimen of a sufficient quantity and quality.

Easy handling as well as the quality of the material and workmanship ensure its success.

SOMATEX® biopsy systems were specially developed to facilitate the bone marrow puncture for the doctor and to reduce the strain on the patient to an absolute minimum.



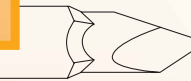
Use Advantages Product options

Use

Maximum quality at three safety levels

SOMATEX® biopsy systems are designed for the puncture and extraction of histological tissue from the iliac crest region. For different clinical requirements, SOMATEX® offers three systems with three comfort levels that differ mostly in their mode of safeguarding the biopsy specimen.

Tapered tip
Trocar/diamond cut



Comfort variants

- X Basic** – Marrow Cut
- Basic Plus** – Bone Marrow
- Premium** – Safe Cut®

The advantages of the SOMATEX® puncture systems – an overview

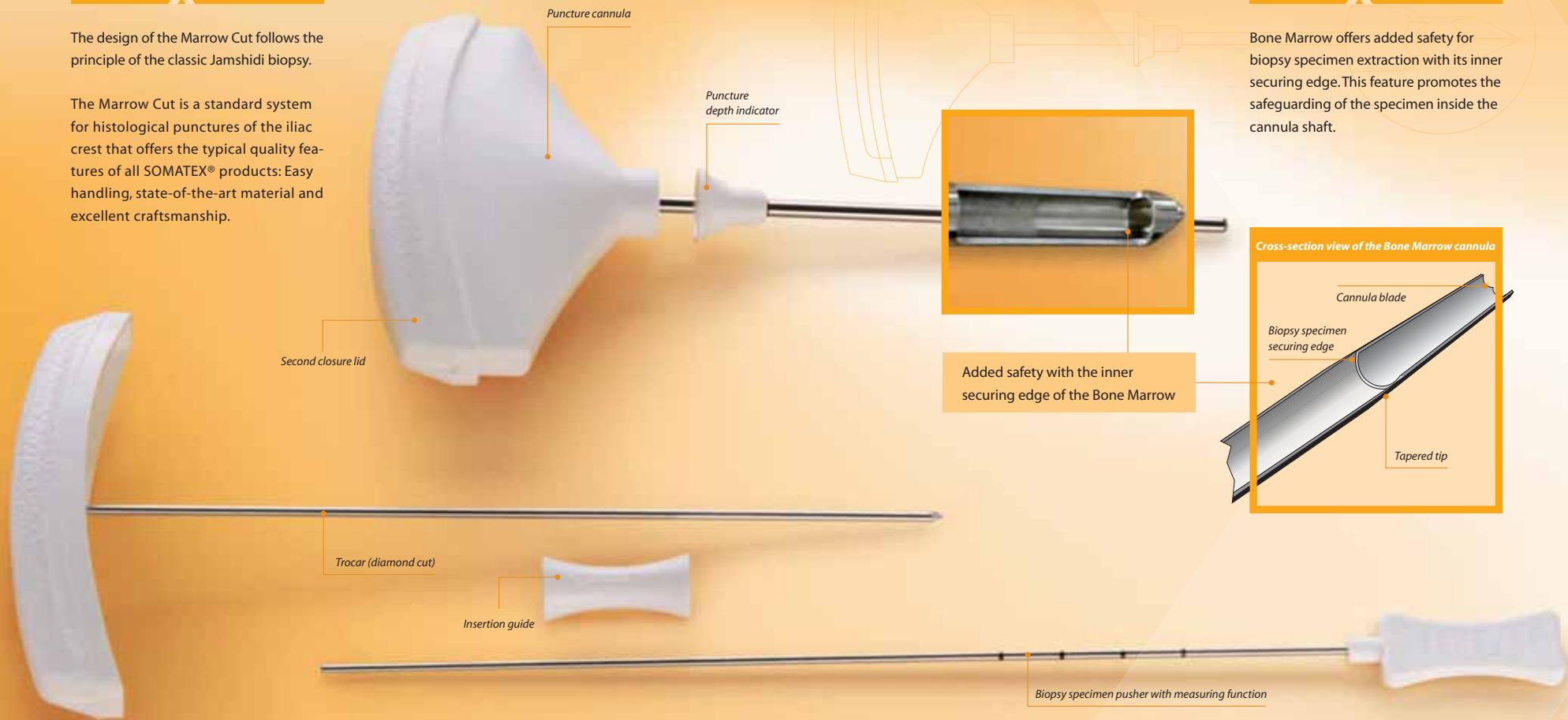
- ▶ Light penetration of the cortical bone through a tapered tip with extremely sharp diamond cut (trocar)
- ▶ Optimal pressure and absolutely secure handling thanks to an ergonomically shaped handle and a stainless steel cannula of utmost solidity
- ▶ Vacuum-assisted biopsy specimen extraction by means of the Luer lock adapter for syringe connection
- ▶ Avoidance of blood loss from the proximal end of the syringe through a second closure cap
- ▶ Function for measuring the size of the biopsy specimen

Marrow Cut Classic

Comfort level **X Basic**

The design of the Marrow Cut follows the principle of the classic Jamshidi biopsy.

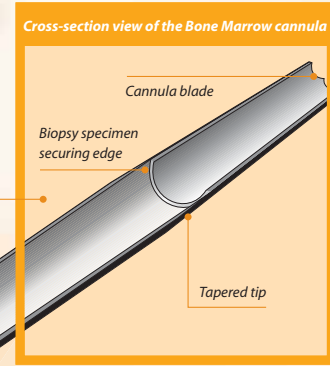
The Marrow Cut is a standard system for histological punctures of the iliac crest that offers the typical quality features of all SOMATEX® products: Easy handling, state-of-the-art material and excellent craftsmanship.



Bone Marrow Well-ried

Comfort level **X Basic Plus**

Bone Marrow offers added safety for biopsy specimen extraction with its inner securing edge. This feature promotes the safeguarding of the specimen inside the cannula shaft.



Marrow Cut			
Order no.	Gauge	Diameter	Length
180 980	11	3.0 mm	100 mm
180 990	8	4.0 mm	100 mm
180 995	8	4.0 mm	150 mm

Bone Marrow			
Order no.	Gauge	Diameter	Length
180 910	11	3.0 mm	100 mm
180 935	9	3.5 mm	100 mm
180 960	8	4.0 mm	100 mm
180 965	8	4.0 mm	150 mm

Safe Cut® Primus

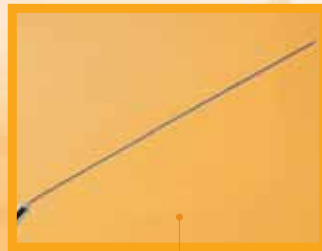
Patent pending

Comfort level **X Premium**

The specially developed LOCK WIRE technology of the Safe Cut® system provides for the 100 % secure safeguarding of the biopsy specimen inside the cannula.

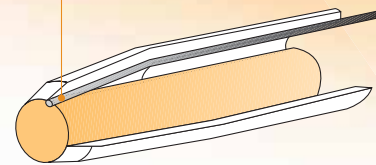
This excellent performance has been confirmed by a comparison study* that evaluated all of the 60 bone marrow puncture systems for the iliac crest region. Moreover, the study also attests that, compared with conventional systems, the SOMATEX® Safe Cut® system provides for significantly reduced patient trauma as well as minimized strain on the doctor performing the puncture.

* Study by ArtiMed Medical Consulting which was conducted in the framework of the clinical routine at, among other locations, the university clinic Homburg/Saar.



LOCK WIRE technology

LOCK WIRE technology – optimal biopsy specimen extraction



Advantages at a glance

- ▶ Simplified handling through LOCK WIRE technology
- ▶ 100 % safeguarding of the biopsy specimen inside the cannula
- ▶ Maximal protection of the specimen material
- ▶ Minimal discomfort and strain for the patient and the user

Use Advantages Product options

The Safe Cut® puncture system guarantees an adequate result of sufficient quantity which is free of squished artifacts or other drawbacks and which meets the requirements of pathological analyzability.



Safe Cut®			
Order no.	Gauge	Diameter	Length
181 130	11	3.0 mm	100 mm
181 140	8	4.0 mm	100 mm
181 145	8	4.0 mm	150 mm



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