

# Feature

All our needles and bodies are manufactured in Japan and our grinding technology, developed over many years, has made it possible for us to achieve a sharp cutting edge.

**Wide range of sizes**

The TSK bone marrow aspiration needle can be selected according to the patient's physique, and the needle length can be adjusted with the needle adjustment screw for all sizes.

**Reducing the burden on patients**

By pulling the inner needle straight out from the outer needle handle, the tip of the inner needle does not rotate inside the body.

**Sharpness**

**Removal of the inner needle**

## How to use (bone marrow aspiration)



Adjust the length of the needle by turning the needle adjustment screw with your thumb and index finger before puncture. When puncturing, make sure that the cutting edge of the outer needle and the cutting edge of the inner needle are set.



Hold the outer needle handle and knob (pink part) together properly and firmly. Firmly hold the skin at the puncture site with the opposite hand so that it will not shift position during the puncture.



Puncture the skin and make sure the tip of the blade is touching the periosteum. Once the needle tip reaches the periosteum, the needle is slowly advanced vertically, as if piercing a hole with a drill, to reach the bone marrow.



Pull the inner needle **straight out** from the outer needle handle.  
[Note] Do not rotate the knob (pink part) of the inner needle.



Connect a syringe (sterile syringe) and aspirate bone marrow fluid.



Retract the TSK bone marrow aspiration needle and quickly stop the bleeding.

## Product standard

### TSK bone marrow aspiration needle

Size		(Short Type: For Sternum, Long Type/Ultra Long Type: For Iliac Bone)		
Gauge	Length	*Nominal length	Adjustment width	Product code
14G	Short	25mm	5~20mm	SIL-141
	Long	40mm	20~35mm	SIL-142
15G	Short	25mm	5~20mm	SIL-151
	Long	40mm	20~35mm	SIL-152
16G	Short	25mm	5~20mm	SIL-161
	Long	40mm	20~35mm	SIL-162
**18G	Short	25mm	5~20mm	SIL-181

\*Nominal length: The needle length excluding the needle adjustment screw and the screw part.

\*\*18G Short suitable for children

### TSK bone marrow transplant needle

Size		
Gauge	Length	Product code
14G	50mm	SIL-14050
	70mm	SIL-14070
	100mm	SIL-14100

EOG sterilization 10 pcs/box

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# TSK SURECUT SIL

TSK bone marrow aspiration needle  
TSK bone marrow transplant needle



TSK bone marrow  
aspiration needle

TSK bone marrow  
transplant needle



Quality, All the way, Always, That's TSK.

