

Plexus Anaesthesia



NanoLine is an absolute world novelty in the field of cannula coating. With this revolutionary thin-layer technology, the insulating layer can be reduced to a minimum without any detrimental loss in functionality.

Well-known anaesthetists rather confirm, that the puncture and the nerve stimulation can be provably conducted correspondingly finer and more subtle and precise with this polymer coating, which may be recognized by its slightly golden sheen.

The material of the NanoLine coating has undergone years of testing, and its compatibility has been proven in the context of bio-compatibility and -sensitivity tests.

The advantages of NanoLine

- The insulating layer is reduced to a minimum
- The outer diameter has not been changed
- The same, brilliant insulation features as the usual process
- Reduced puncturing force thanks to the smooth surface
- Perfect view with ultrasonic localization for a high precision stimulation

Unique – the coating of the inner lumen



This coating will level out and compensate any unevenness in the inner lumen, and it ensures for a better flow of the anaesthetic.

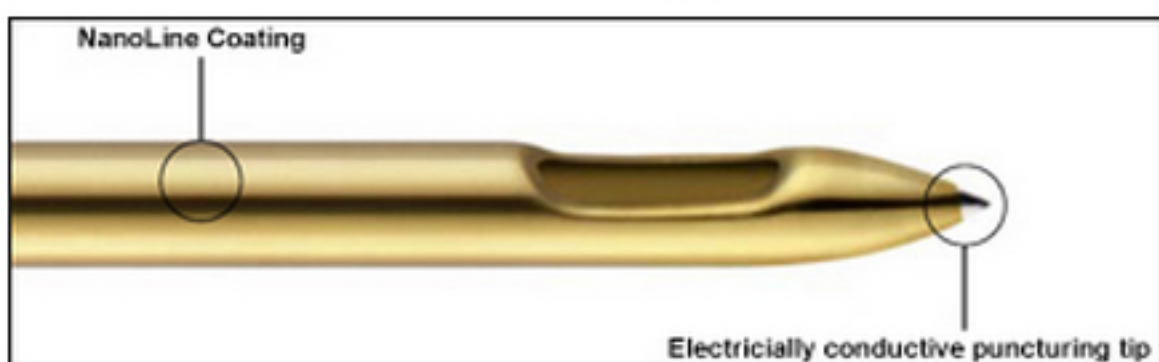
Reduced puncturing force – perfect gliding qualities

Thanks to the minimal thickness of the layer, the outer diameter is not changed, as is the case with conventional methods. An excellent smoothness of the surface is thereby achieved at the same time with the NanoLine coating. NanoLine cannulae can be correspondingly utilised with less puncturing force being applied, they glide through the tissue gently.

Depth graduation included

All NanoLine cannulae have been provided with a circumferential centimetre depth graduation for better localization. The depth of the puncture will therefore always remain under control.

Perfect insulation qualities – extremely precise stimulation



The exceedingly thin polymer layer warrants a 100-percent insulation. The active contact point for nerve stimulation at the tip of the cannula remains uncoated. The stimulation is therefore performed exclusively via the conductive puncturing-tip, and it generates a highly precise electric field.



The puncturing tip is alternatively available in a facet version



...or as a SPROTTE® cannula with a flush transition to the coating.