NerveGuard
Automatic Injection Pressure Limiter
NerveGuard

The Automatic Injection Pressure Limiter

Ultrasound-guided localisation of peripheral nerves and the associated real-time visualisation provide crucial benefits in regional anaesthesia. Nonetheless, it is clear that this does not reduce the incidence of permanent nerve damage. Even in combination with nerve stimulation, intrafascicular injections cannot be ruled out. The causes include incorrect positioning of the needle along with exceeding critical injection pressures. With the NerveGuard, developed by Pajunk, the injection pressure is automatically limited to avoid nerve damage.

For single shot applications in diameters of 20G / 21G / 22G

How it works

→ Automatically blocks injections when injection pressure exceeds the limit value
→ No monitoring and no visual control necessary
→ Detects incorrect needle positioning (fascia or nerve contact)
→ Prevents intrafascicular injections in cases of excessive pressure
→ Provides important information regarding position correction
→ Avoids nerve damage and increases patient safety

Description | Item no. | Item no. NRFit® | PU
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NerveGuard / single / sterile / For single shot applications in diameters of 22G / 21G / 22G | 001151-38M | 001163-38M | 10
NerveGuard / single / sterile / For single shot applications in diameters of 24G / 25G | 001151-38N | 001163-38N | 10