

PAJUNK®

*Interventional
Pain Therapy
Specific and gentle*



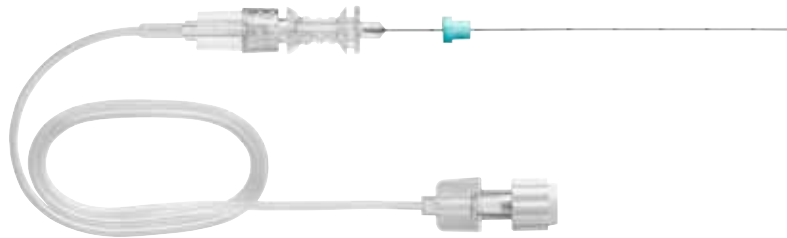
Pain therapy

Pain therapy using anaesthetics: **Facet block / periradicular therapy**

PAJUNK® supports the treatment of the nerve roots within the context of periradicular therapy, as well as the facet block at the zygapophysial (facet) / vertebral joint with special injection needles. These are positioned in the cervical, thoracic or lumbar region of the spinal column under image-transformer guided control (CT), and if necessary, with the aid of a X-ray contrast medium injection. Different types of medication are administered in succession.

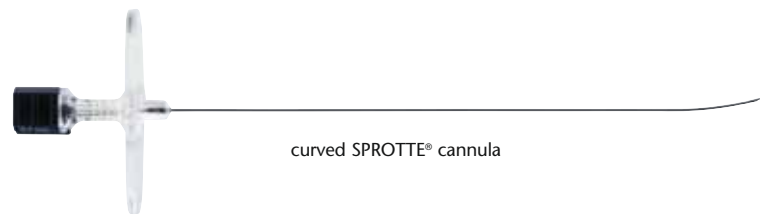
This specific and minimal invasive pain treatment procedure can be conducted on an out-patient basis in the doctor's practice. The consumption of medication is reduced considerably after successful therapy. All puncture cannula are also available with scaling rings for better depth control.

for interventional pain therapy



Puncture cannula according to Dr. Steinhoff with sloping grind and flexible injecting tube

The injecting tube prevents unintentional movement of the introduced puncture cannula, thus ensuring reliable application. This means greatest possible safety for the patient and the physician.



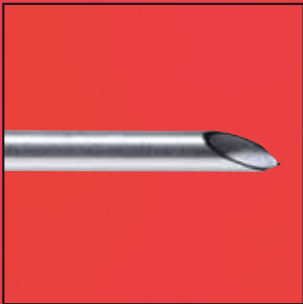
SPROTTE® cannula

The special tip-geometry of the SPROTTE® cannula guarantees an atraumatic puncture, also under difficult puncturing conditions.



Chiba cannula

The Chiba cannula is alternatively available with beveled or facets tip – with or without depth graduation.



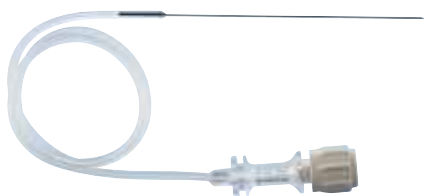
Pain therapy by means of thermolesion technique: **Thermolesion method and pulsed radio frequency therapy**

With its radio frequency and thermolesion cannula, PAJUNK® supports the conventional RF-methods, as well as pulsed radio frequency therapy.

Both techniques achieve a longer lasting pain inhibition, particularly in the lower region of the spinal column. Sensitive branches of sensorial nerves are identified using X-ray contrast media and view control. The actual localization is carried out via the thermolesion cannula. They emanate a current-field which affects these nerve branches (pulsed radio frequency therapy or thermo-lesion), so that the pain can be eliminated or reduced considerably for 6 to 18

months. The length of the cannula can be adapted to match the electrode and the nerve, therefore rendering a stimulation with utmost precision.

The pulsed radio frequency therapy is an important and well-known instrument for significant pain reduction or temporary pain elimination in cases of chronic back problems.



X-ray contrast cannula employed for the injection of the contrast medium

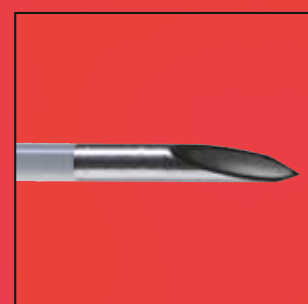
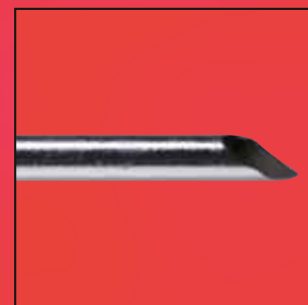


RF-thermolesion cannula facilitate both methods

Available with the following lengths: 58, 98, 145 with active tip: 2 mm insulation stripped, 4 mm insulation stripped and 10 mm insulation stripped



Thermolesion cannula with alligator clip and injecting tube



Tip with 5 mm insulation stripped

Facet block / periradicular therapy



Steinhoff kits

Size	Injecting tube	Item number	PU
22 G x 3½" (0.7 x 90 mm)	40 cm	001151-662	10
22 G x 6" (0.7 x 150 mm)	40 cm	001151-663	10



SPROTTE® cannula

Size	Item number	PU
22 G x 3½" (0.7 x 90 mm) curved	001152-30C	25

Chiba puncture cannula for PRT and facet block



Size	with beveled tip without depth stop		with beveled tip, graduated with depth stop	
	Item number	Item number	Item number	PU
22 G x 3½" (0.7 x 90 mm)	201S070090	202S070090	202S070120	25
22 G x 4¾" (0.7 x 120 mm)	201S070120	202S070120	202S070120	10
20 G x 3½" (0.9 x 90 mm)	201S095090	202S095090	202S095120	25
20 G x 4¾" (0.9 x 120 mm)	201S095120	202S095120	202S095120	10



Size	with ultrasonic tip without depth stop		with ultrasonic tip graduated with depth stop	
	Item number	Item number	Item number	PU
22 G x 3½" (0.7 x 90 mm)	200S070090	230S070090	230S070120	25
22 G x 4¾" (0.7 x 120 mm)	200S070120	230S070120	230S070120	10
20 G x 3½" (0.9 x 90 mm)	200S095090	230S095090	230S095120	25
20 G x 4¾" (0.9 x 120 mm)	200S095120	230S095120	230S095120	10



X-ray contrast cannula with injecting tube

Size	Grind	Item number	PU
23 G x 2½" (0.6 x 60 mm)	facets grind 15°	001160-10	10
22 G x 4" (0.7 x 100 mm)	facets grind 15°	001160-20	10
22 G x 4" (0.7 x 100 mm)	facets grind 18°	001160-21	10



RF-thermolesion cannula

Size	Stimulation tip	Grind	Item number	PU
22 G x 2½" (0.7 x 52.6 mm)	2 mm	15°	001165-10A	25
22 G x 2½" (0.7 x 52.6 mm)	4 mm	15°	001165-10B	25
22 G x 3¾" (0.7 x 98.6 mm)	2.5 mm	15°	001165-20A	25
22 G x 3¾" (0.7 x 98.6 mm)	5 mm	15°	001165-20B	25
20 G x 5½" (0.9 x 142 mm)	2.5 mm	15°	001165-30A	10
20 G x 5½" (0.9 x 142 mm)	5 mm	15°	001165-30B	10
20 G x 5½" (0.9 x 142 mm)	10 mm	15°	001165-30C	10



Thermolesion cannula with alligator clip and injecting tube

Size	Stimulation tip	Item number	PU
22 G x 2½" (0.7 x 60 mm)	5 mm	001155-12	10
22 G x 4" (0.7 x 100 mm)	5 mm	001155-22	10
20 G x 6" (0.9 x 150 mm)	5 mm	001155-32	10

PAJUNK GmbH
 Medizintechnologie
 Karl-Hall-Strasse 1
 D-78187 Geisingen/Germany
 Telefon +49 (0) 77 04/92 91-0
 Telefax +49 (0) 77 04/92 91-6 00
www.pajunk.com