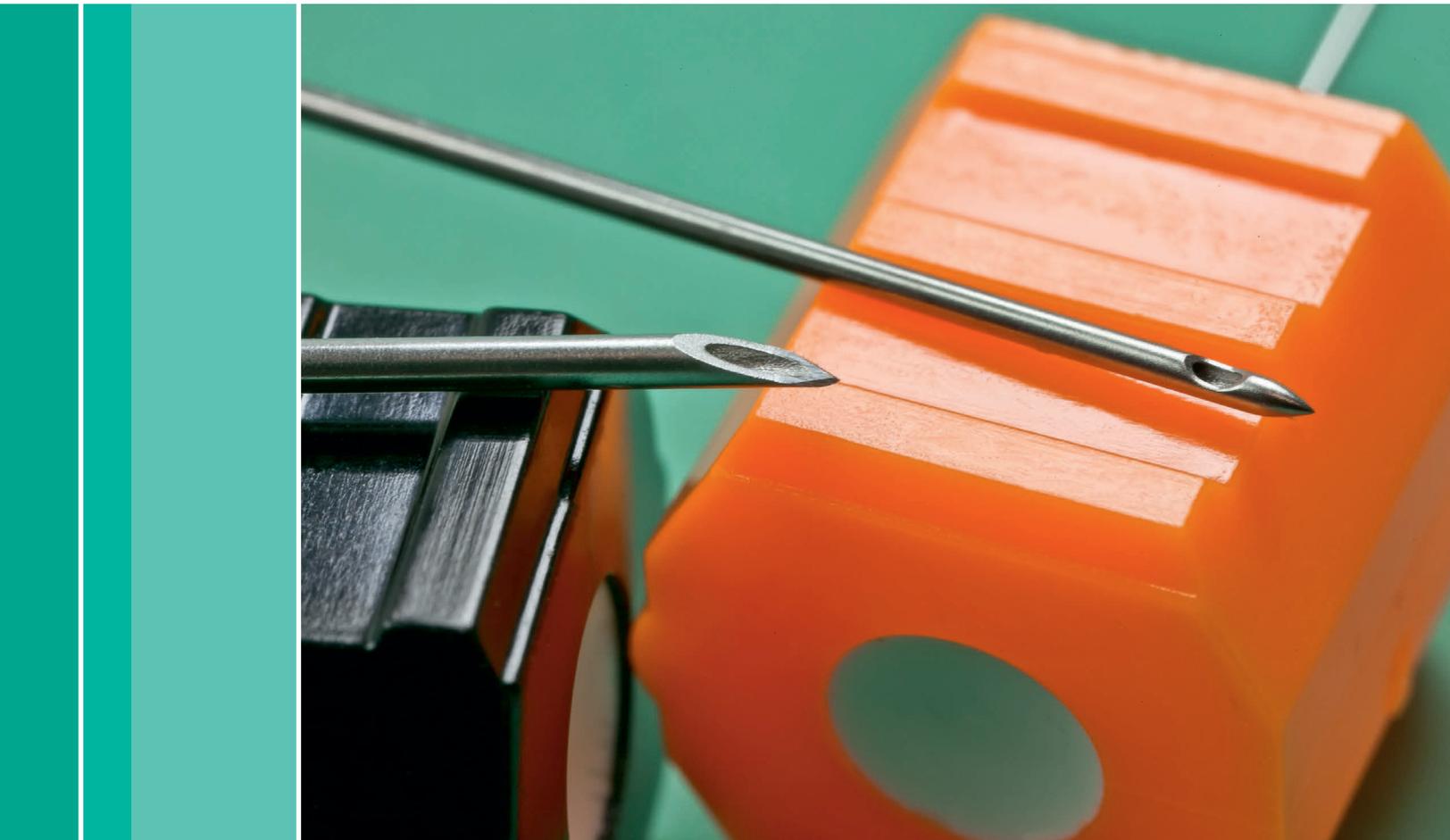


Spinal Anesthesia Products

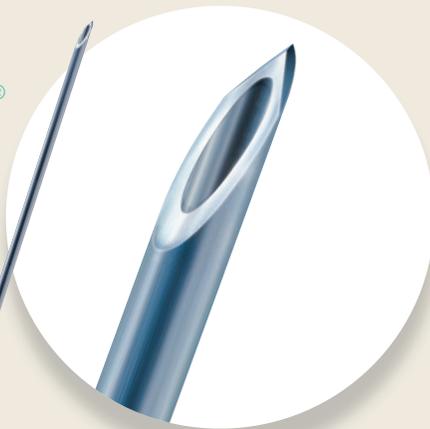


Engineered to provide consistent feel and superior outcomes, delivered the way you want them.

Precision. Quality. Control. Reliability.

Features you need to meet today's exacting Pain Control demands — from the worldwide leader in Regional Anesthesia.

Spinocan[®] Quincke Needles



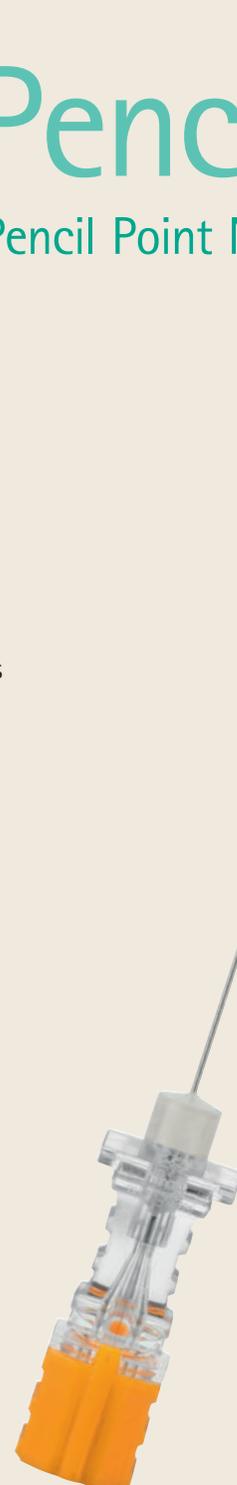
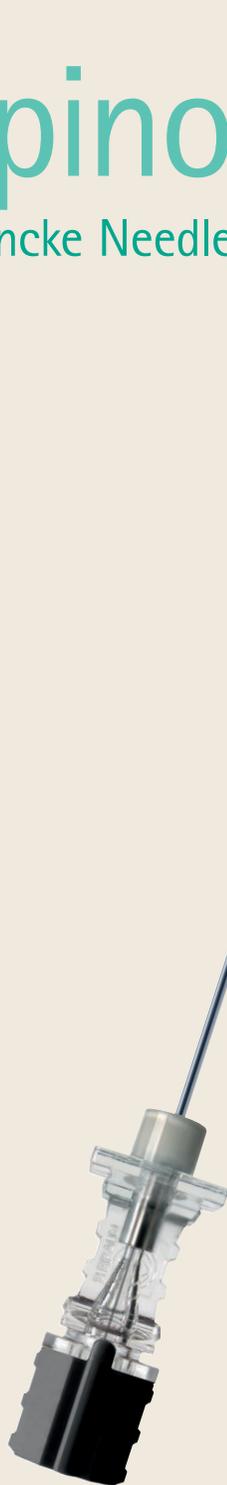
Pencan[®] Pencil Point Needles

- Sharp bevel designed for low puncture force
- Tactile, reliable dura "click"
- Precision-ground stylets designed to minimize tissue coring and optimize gliding characteristics

Available Spinocan Sizes

	Size	Length
	18 Ga.	3.5 in. (90mm)
	20 Ga.	3.5 in. (90mm)
	22 Ga.	1.5 in. (40mm)
	22 Ga.	3.5 in. (90mm)
	22 Ga.	4.75 in. (120mm)
	22 Ga.	5 in. (130mm)
	22 Ga.	7 in. (180mm)
	25 Ga.	3.5 in. (90mm)
	25 Ga.	4.75 in. (120mm)
	26 Ga.	3.5 in. (90mm)
	27 Ga.	3.5 in. (90mm)

See our Pain Control Products Reference Guide (PC30) for detailed product offering and reorder numbers





- Conical, atraumatic tip design results in low PDPH rates and superior tactile feedback
- Distinct feeling of the “dural click”
- Designed for minimal intrathecal insertion depth to protect against nerve injuries and paresthesia
- Designed for high flowrates and rapid CSF appearance

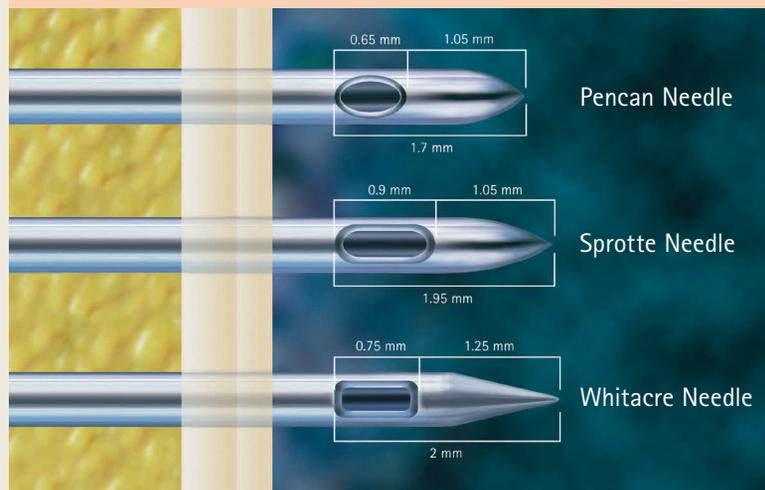
Available Pencan Sizes

Size	Length
22 Ga.	3.5 in. (90mm)
24 Ga.	4 in. (100mm)
25 Ga.	1 in. (25mm)
25 Ga.	2 in. (50mm)
25 Ga.	3.5 in. (90mm)
25 Ga.	5 in. (130mm)
25 Ga.	6.1 in. (156mm)
27 Ga.	3.5 in. (90mm)
27 Ga.	5 in. (130mm)

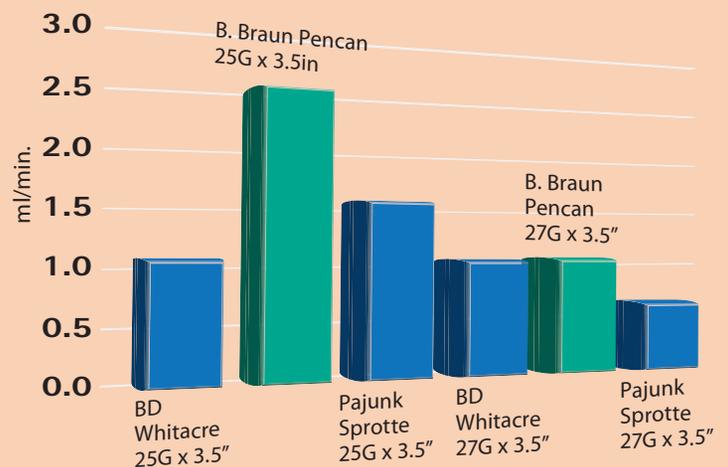
See our Pain Control Products Reference Guide (PC30) for detailed product offering and reorder numbers

Pencan Facts and Figures

- Shorter tip-to-back of eyelet distance (1.7mm) designed to minimize insertion depth of the needle tip into the subarachnoid space.
- Shorter tip-to-front of eyelet distance (1.05mm) designed for quicker flashback.
- Eyelet is sized at 0.65mm to reduce risk of inaccurate drug delivery caused by “straddling the dura” (the average lumbar dura thickness is 1.0mm¹).



CSF Flow Rates²



1) Sosis MB, M.D., et al. "An In-Vitro Evaluation of the New Shorter Orifice Sprotte Spinal Needle." Anesthesia and Analgesia, 1994; 78:S410
 2) Data on file



Trays are available in standard or custom configurations.

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