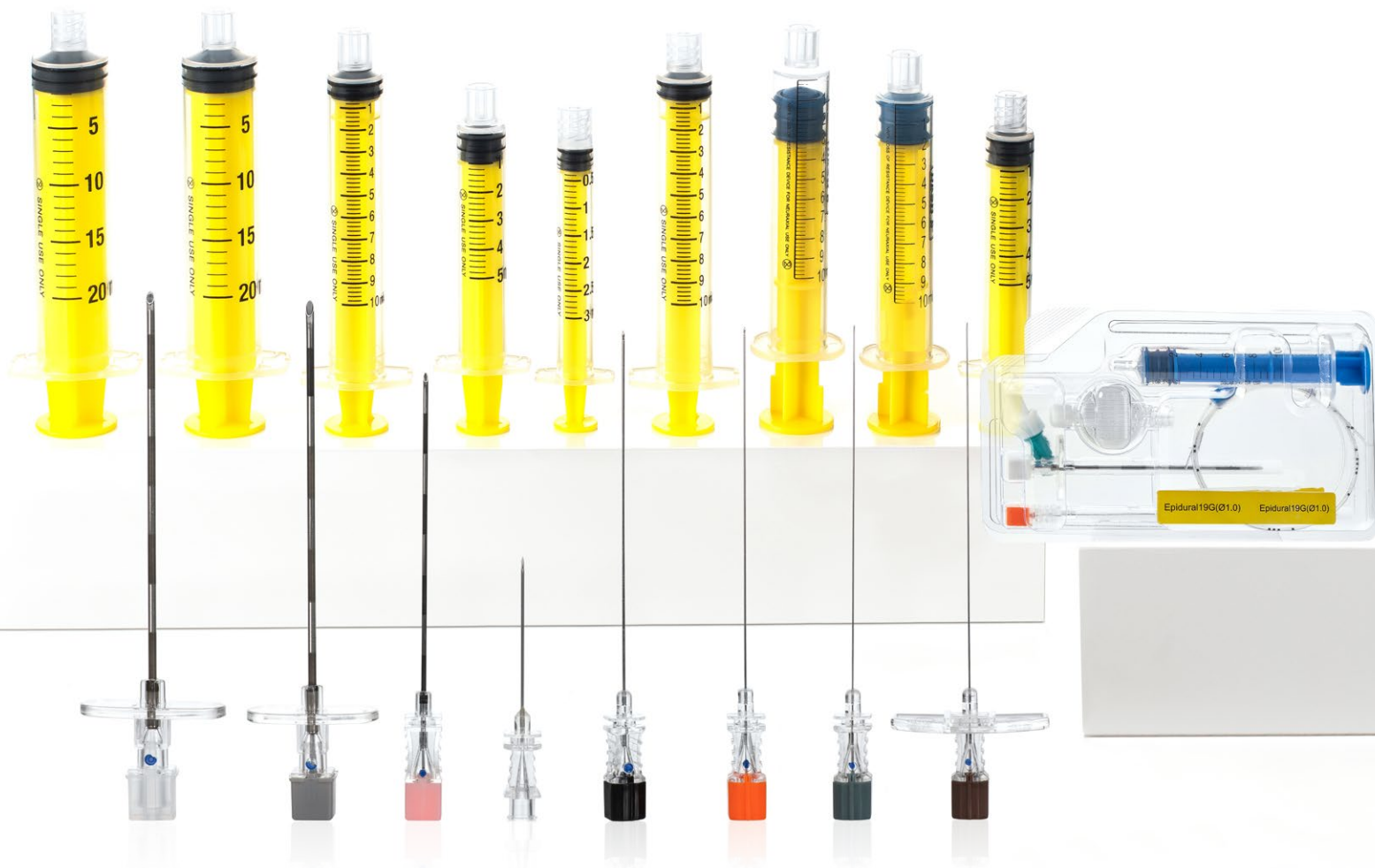
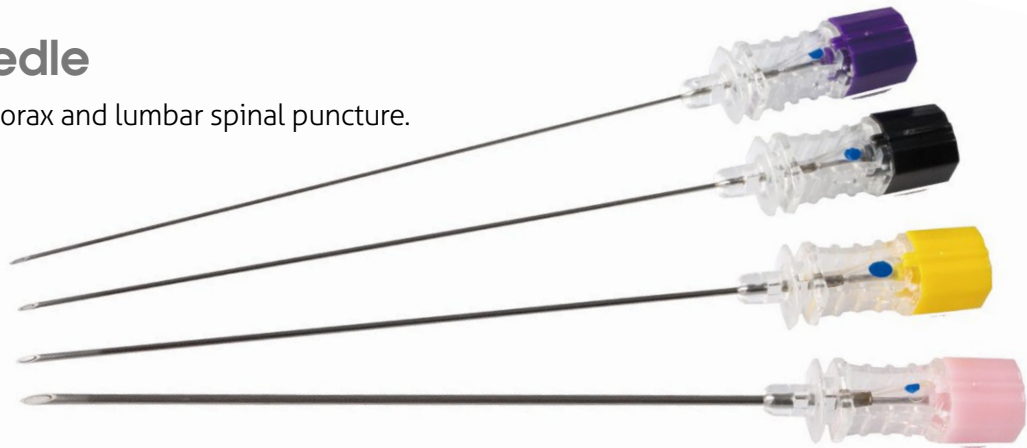


# Anesthesia & Pain Management



# Spinal Needle

Subdural, lower thorax and lumbar spinal puncture.



## Features:

- Full sizes of anesthesia needles.
- Identified as spinal needle bevel quincke tip, pencil point tip and epidural needle.
- 304 stainless steel needle tubes and stylets.
- International colour coding.
- With mounted introducer needle.
- Luer lock hub.



Quincke tip	Introducer	Length	Code
18G×3-1/2"	None	38-220mm	SNQ18
19G×3-1/2"	None	38-220mm	SNQ19
20G×3-1/2"	None	38-220mm	SNQ20
21G×3-1/2"	None	38-220mm	SNQ21
22G×3-1/2"	None	38-220mm	SNQ22
23G×3-1/2"	19G×1-1/2"	38-220mm	SNQ23
24G×3-1/2"	20G×1-1/2"	38-220mm	SNQ24
25G×3-1/2"	20G×1-1/2"	38-220mm	SNQ25
26G×3-1/2"	20G×1-1/2"	38-220mm	SNQ26
27G×3-1/2"	22G×1-1/2"	38-220mm	SNQ27



- Trauma-free QUINCKE short tip to ensure immediate injection point closure and reduced CSF loss.
- Differentiated angle coupling of needle and obturator tip to avoid production and movement of tissue fragments, improving operator sensitivity.

Pencil point	Introducer	Length	Code
22G×3-1/2"	None	90-220mm	SNP22
23G×3-1/2"	19G×1-1/2"	90-220mm	SNP23
24G×3-1/2"	20G×1-1/2"	90-220mm	SNP24
25G×3-1/2"	20G×1-1/2"	90-220mm	SNP25
26G×3-1/2"	20G×1-1/2"	90-220mm	SNP26
27G×3-1/2"	22G×1-1/2"	90-220mm	SNP27



- With no sharp edges separates fibers without slicing.
- The lateral hole shape and its position relative to the tip favour rapid CSF reflux and effective analgesic administration.
- Reduce the risk of saddle block.

## Anesthesia Kit

Single-use anesthesia set is clinically used for epidural or spinal anesthesia during puncture and drug injection. This product can only be for single-use, in order to avoid cross-infection. It contains the unique components needed to perform anesthesia operation.



AK01

### Components

- Epidural needle, Size: 15G,16G,17G,18G. Length: 80mm, 90mm.
- Spinal needle, Type: Quincke tip & pencil point, Size: 18G,19G,20G,21G,22G,23G,24G,25G,26G,27G. Length: 38mm--150mm.
- Epidural catheter, Size: OD:φ1.0, OD:φ0.8, Length: 850mm.
- Epidural filter: 0.22μm with hydrophobic membrane luer lock.
- LOR syringe: 5ml, 7ml, 10ml.
- Catheter adaptor: TBA, secure the catheter completely.

### Optional

- Epidural kit, spinal kit and combined kit available.
- Catheter with /without metal wire available.
- Precision filter 0.2-5μm available.
- Double layer UV filter 0.2-5μm are available.
- Any customization components.

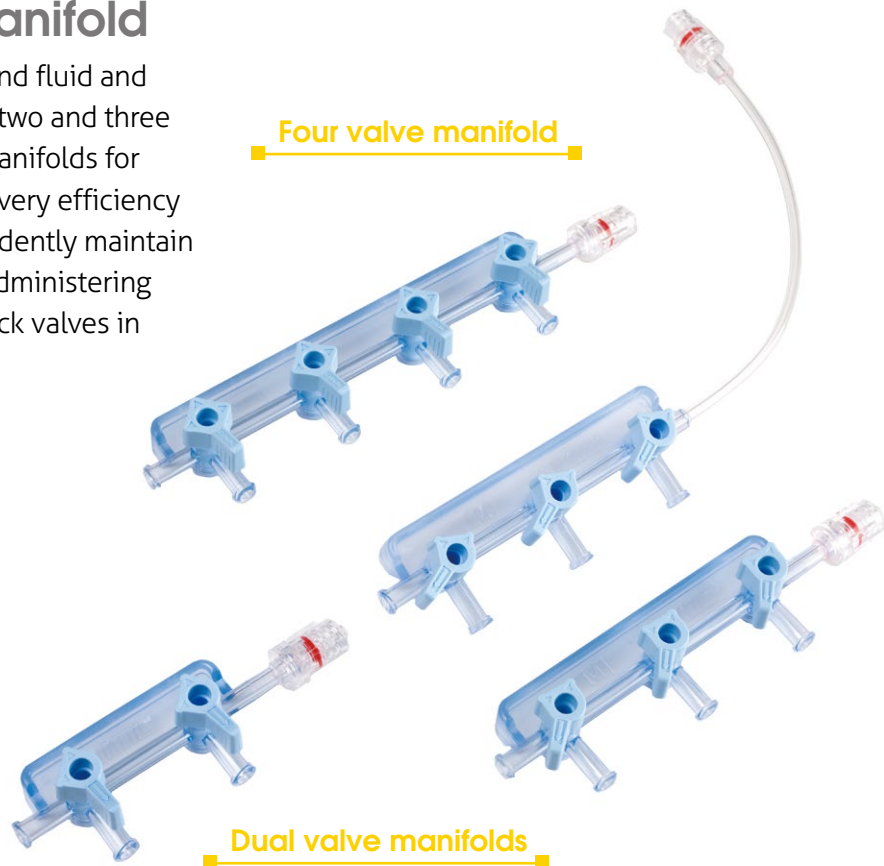
## High Pressure Manifold

Maximize fluid flow control and fluid and drug delivery efficiency. Use two and three port normally closed valve manifolds for maximum fluid and drug delivery efficiency in the Operating Room. Confidently maintain drug dosing integrity when administering multiple drugs with back check valves in each port.

### Features:

- No leakage under 500psi.
- Smooth rotation, easy use.
- Different color for choice.
- DEHP-free, Latex-free.

Code	Spec.
HPM2	Dual Valve
HPM3	Triple Valve
HPM4	Four Valve



Dual valve manifolds



## NRFit™ Syringe

It is used for regional anesthesia, the new patient safety initiative neuraxial products with NRFit™ connectors according to American Society of Anesthesiologists (ASA) meeting, Oct. 22-26 in Chicago 2016. All healthcare facilities are expected to begin converting to meet the ISO standard requiring NRFit connectors for neuraxial use. Healthcare facilities has already taken legislative action by mandating that convert to these new standardized epidural products by Jan. 1, 2017.

### Features:

- NRFit™ connectors design--ISO80369-6 compliant.
- Neuraxial applicant connector.
- Small bore connectors that are intended to prevent misconnections to improve patient safety.



Code	Size	Type
NRS3	3ml	NRFit™ connector
NRS5	5ml	NRFit™ connector
NRS10	10ml	NRFit™ connector
NRS20	20ml	NRFit™ connector