

## ARROW® EPIDURAL CATHETERS



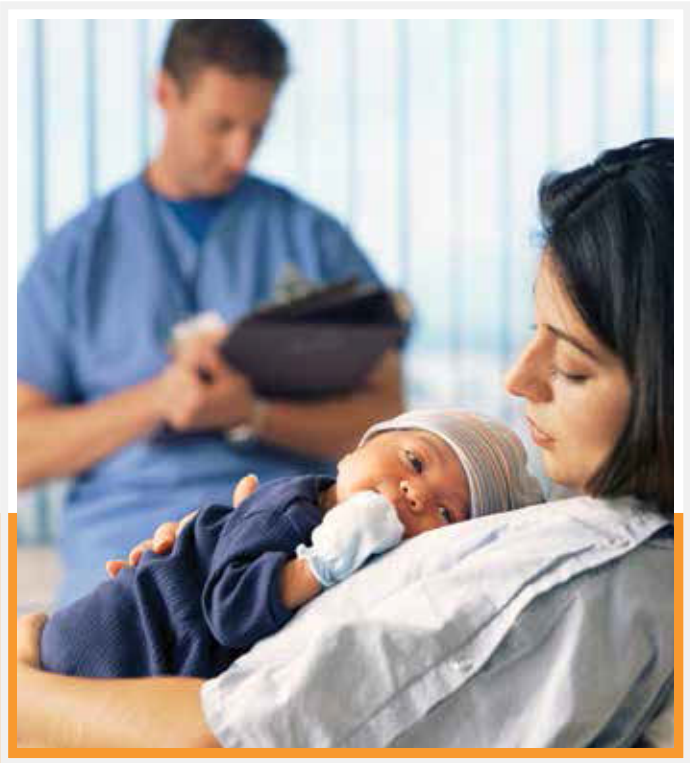
# The quality of care you demand for your patients

The FlexTip Plus Epidural Catheter is clinically proven to significantly reduce complications in the epidural space.<sup>(1-6)</sup> This unique polyurethane catheter provides the precise balance of characteristics needed to get ease of placement, reliable patency, and optimum indwelling characteristics. Now this technology is available in both open tip and closed tip catheter configurations, so you can achieve the drug dispersion you prefer with the quality of care you demand for your patients.

**LESS INADVERTENT PENETRATION.** The soft, flexible tip is designed to deflect when it contacts the dura or blood vessels, which significantly reduces the risk of vessel puncture<sup>(1-5)</sup> and paresthesia.<sup>(2, 6)</sup>

**RELIABLE PATENCY.** The coil reinforcement makes the FlexTip Plus catheter kink resistant to better maintain patency, even in some situations that might cause ordinary nylon catheters to fail.<sup>(2-3)</sup>

**The results are enhanced comfort and safety for the patient and greater ease of use and reliability for the anesthesia provider.**



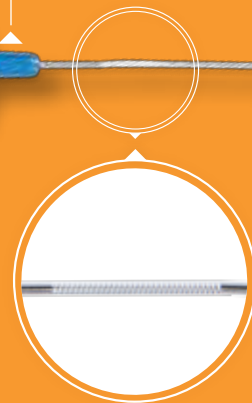
## Closed Flexible Tip with 4 Lateral Holes

Distal tip design reduces the risk of vessel puncture and paresthesia and provides multi-port drug dispersion

*Catheter also available in open tip configuration*



## Thread Assist Guide



## Distal Flashback Window

Two flashback windows permit easy visualization of blood or cerebrospinal fluid



## Centimeter Markings

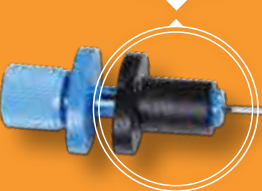
Needle positioning band indicates exit of catheter from needle

## SnapLock™ Adapter

Single-snap adapter with indicator marking fastens securely to the catheter without lumen collapse and reduces catheter disconnects



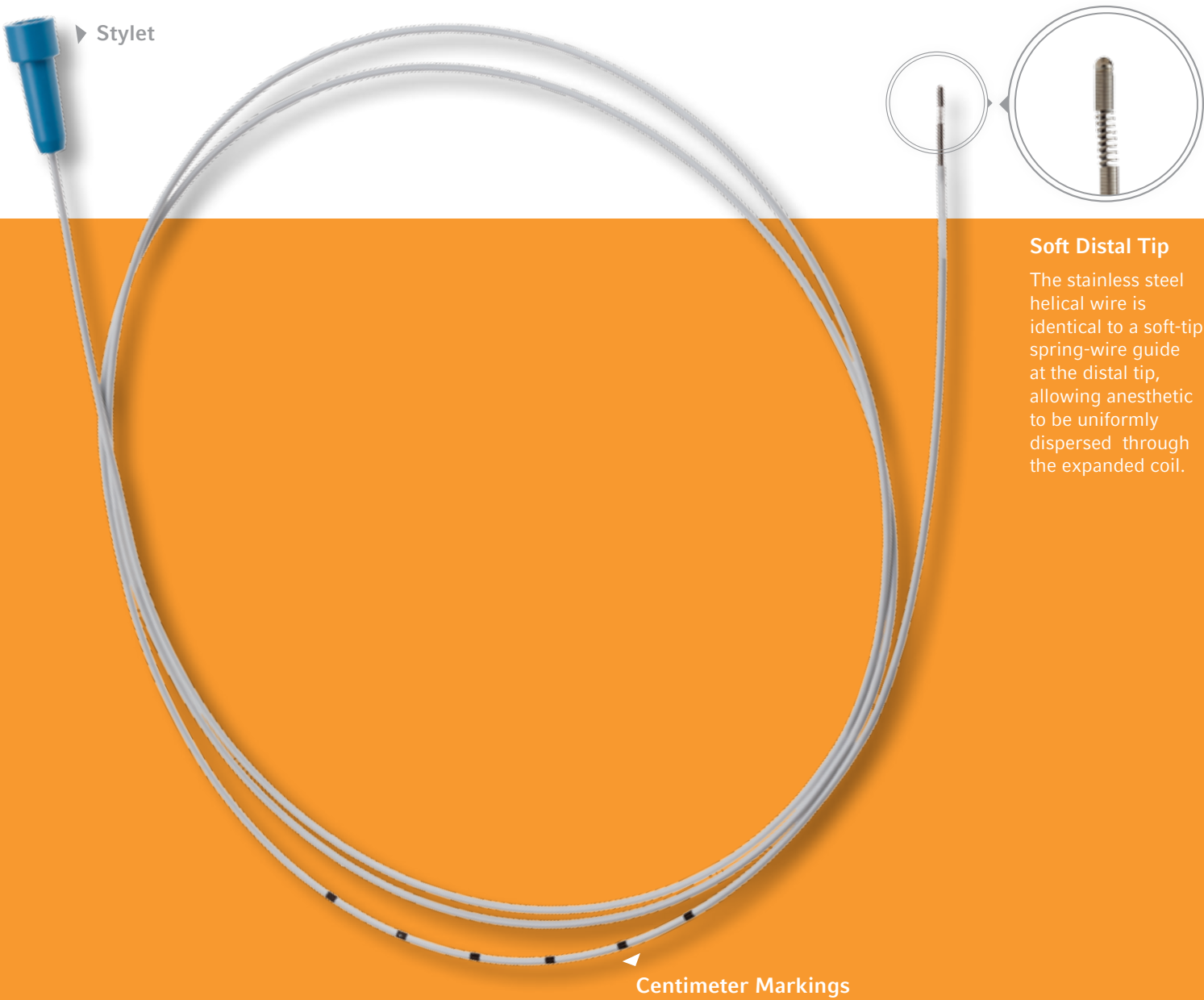
## Proximal Flashback Window



# Clinician-inspired Products for Pain Management

DESIGNED FOR PAIN MANAGEMENT PROCEDURES WHERE INCREASED STEERABILITY IS AN IMPORTANT FACTOR.

The TheraCath Catheter is a wire reinforced, styletted epidural catheter with a soft, spring-wire tip. Anesthetic is injected through the internal lumen of the jacketed spring-wire and is uniformly disbursed through the expanded coil at the distal tip. The removable stylet is intended to increase steerability and maneuverability, which makes the TheraCath Catheter well-suited for specific pain management procedures where a kink resistant, stiffer catheter is required.



MH-05001 TheraCath® Kit

19 GA. THERACATH® EPIDURAL CATHETER TRAYS

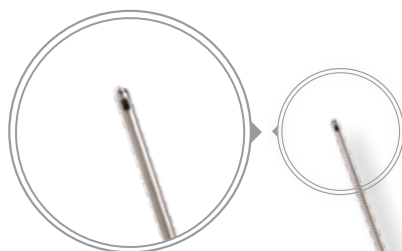
PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	STYLET	DRAPE	TRAY LAYOUT	QTY/CASE
KITS (CONTAIN DRUGS)								
MH-05001	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LS, Glass	20 mL LL	TheraCath	•	Clear	Full	10
MM-05001	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LS, Glass	20 mL LL	TheraCath	•	Paper (2)	Full	10
INTERMEDIATE SETS (CONTAIN NO DRUGS)								
AK-05000	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LL, Glass	20 mL LL	TheraCath	•	Paper (2)	Compact	10
SL-05000	17 Ga. x 3-7/8" Tuohy, Snap-on Wings	5 mL LS, Glass	20 mL LS	TheraCath	•	Paper	Full	10



# ARROW® *Single Shot Epidurals*

## DESIGNED TO REDUCE THE RISK OF DURAL PUNCTURE.

This unique bullet-tip epidural needle is designed to deflect when it contacts the dura. Insertion is aided by an introducer needle.



Introducer Needle ◀



### SINGLE SHOT EPIDURAL INTERMEDIATE SETS (CONTAIN NO DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	DRAPE	TRAY LAYOUT	QTY/CASE
AK-03000-S	20 Ga. x 3-7/8" Bullet Tip, non-winged	5 mL LS, Glass	20 mL LL	Paper (2)	Compact	5

## 19 Ga. FlexTip Plus® Epidural Catheter Trays

### KITS (CONTAIN DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	ADVANCER TUBE	DRAPE	TRAY LAYOUT	QTY/CASE
MP-17019-TK	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LS, Glass	20 mL LL	Multi-Port		Clear	Double-deck	5
MP-17019-TKL	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LL, Glass	20 mL LL	Multi-Port		Clear	Double-deck	5
MP-17019-TKP	17 Ga. x 3-1/2" Tuohy, Winged	10 mL LS, Plastic	20 mL LS	Multi-Port		Clear	Compact	5
MP-17019-HKL	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LL, Glass	20 mL LL	Multi-Port		Clear	Double-deck	5
AK-05501	17 Ga. x 3-1/2" Tuohy, Winged	10 mL LS, Plastic	20 mL LS	Open Tip		Clear	Compact	10
AK-05502	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LS, Glass	20 mL LL	Open Tip		Clear	Compact	10
BP-05501	17 Ga. x 3-1/2" Tuohy, Winged	10 mL LL, Glass	20 mL LS	Open Tip	•	Clear	Full	10
SJ-05501	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LS, Glass	20 mL LL	Open Tip	•	Clear	Full	10
SJ-05501-O	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LS, Glass	20 mL LS	Open Tip	•	Clear	Full	10
AK-05503-L	17 Ga. x 3-3/8" Modified Tuohy, Removable Wings	5 mL LL, Glass	20 mL LS	Open Tip		Clear	Compact	10
AK-05503	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LS, Glass	20 mL LS	Open Tip		Clear	Compact	10
SM-05501	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LS, Glass	20 mL LS	Open Tip	•	Paper	Full	10
WJ-05401	17 Ga. x 3-7/8" Hustead, Snap-on Wings	5 mL LS, Glass	20 mL LS	Open Tip	•	Clear	Full	10

#### KITS INCLUDE:

- SnapLock™ Adapter and Threading Assist Device
- 3/4 oz Foil Pack 10% Povidone-Iodine
- 10 mL 0.9% Saline
- 5 mL 1.5% Lidocaine HCl with Epinephrine 1:200,000 Solution
- 5 mL 1% Lidocaine HCl
- Prep Tray and Sponge Swabs
- 0.2 Micron Flat Filter
- 5 Micron Straw Particulate Filter
- Sharps Disposal Cup
- Catheter Support Pad
- Drug Identification Labels
- Towel
- Injection Needles
- Gauze Pads

Note: some kits contain additional components not listed here

### SAFETY KITS (CONTAIN DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	ADVANCER TUBE	DRAPE	TRAY LAYOUT	QTY/CASE
MP-17019-TKS	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LS, Glass	20 mL LS	Multi-Port		Clear	Compact	5

#### SAFETY KITS INCLUDE 'KIT' CONTENTS WITH THESE UPGRADES:

- DuraPrep® Surgical Solution
- Safety Injection Needles
- SharpsAway® II Locking Disposal Cup

### INTERMEDIATE SETS (CONTAIN NO DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	ADVANCER TUBE	DRAPE	TRAY LAYOUT	QTY/CASE
MP-17019-TIG	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LL, Glass	20 mL LL	Multi-Port		Clear	Compact	5
MP-17019-TIP	17 Ga. x 3-1/2" Tuohy, Winged	10 mL LS, Plastic	20 mL LL	Multi-Port		Clear	Compact	5
AK-05500*	17 Ga. x 3-1/2" Tuohy, Winged	10 mL LS, Plastic	20 mL LL	Open Tip		Paper (2)	Compact	10
AM-05500*	17 Ga. x 3-1/2" Tuohy, Winged	5 mL LL, Glass	20 mL LL	Open Tip		Paper (2)	Compact	10

\*contains Tegaderm®. AM-05500 also contains povidone-iodine prep solution.

#### INTERMEDIATE SETS INCLUDE 'KIT' CONTENTS, BUT NO DRUGS OR DRUG IDENTIFICATION LABELS

### SETS (CONTAIN NO DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	CATHETER TYPE	ADVANCER TUBE	TRAY LAYOUT	QTY/CASE
EC-05400-E	17 Ga. x 3-7/8" Hustead, Snap-on Wings	–	Open Tip		Mini	20
JC-05400-B	17 Ga. x 3-11/32" Tuohy, Winged	10 mL LS, Plastic	Open Tip		Compact	20
JC-05400-E	17 Ga. x 3-7/8" Hustead, Snap-on Wings	10 mL LS, Plastic	Open Tip		Compact	20

#### SETS INCLUDE:

- SnapLock™ Adapter and Threading Assist Device
- 0.2 Micron Flat Filter

## MP-17019-TKL

### FlexTip Plus® Epidural Kit



## 19 Ga. FlexTip Plus® Combined Spinal/Epidural Catheter Trays

### KITS (CONTAIN DRUGS)

PRODUCT #	EPIDURAL NEEDLE	SPINAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	ADVANCER TUBE	DRAPE	TRAY LAYOUT	QTY/CASE
AK-05560	17 Ga. x 3-1/2" Tuohy, Winged	26 Ga. x 5" Gertie Marx	5 mL LS, Glass	20 mL LL	Open Tip		Clear	Compact	10
UI-05502	17 Ga. x 3-1/2" Tuohy, Winged	27 Ga. x 5" Whitacre	5 mL LS, Glass	20 mL LS	Open Tip		Clear	Compact	10

## 20 Ga. FlexTip Plus® Epidural Catheter Trays – with Short Length Needle

### KITS (CONTAIN DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	STYLET	DRAPE	TRAY LAYOUT	QTY/CASE
AK-05420-P	18 Ga. x 1-3/4" Crawford, Winged (Caudal)	–	10 mL LS	Open Tip	•	Clear	Compact	10
AK-05520-P	18 Ga. x 1-3/4" Tuohy, Winged	5 mL LS, Glass	10 mL LS	Open Tip		Clear	Compact	10

### SETS (CONTAIN NO DRUGS)

PRODUCT #	EPIDURAL NEEDLE	LOR SYRINGE	BOLUS SYRINGE	CATHETER TYPE	STYLET	DRAPE	TRAY LAYOUT	QTY/CASE
EC-05420-P	18 Ga. x 1-3/4" Crawford, Winged (Caudal)	10 mL LS, Plastic	–	Open Tip	•	–	Mini	20
EC-05520-P	18 Ga. x 1-3/4" Tuohy, Winged	10 mL LS, Plastic	–	Open Tip		–	Mini	20



FULL



COMPACT



DOUBLE-DECK



MINI

## CATHETERS AND ACCESSORIES

PRODUCT #	DESCRIPTION	COMPONENT TYPE	QTY/CASE
EC-05000	19 Ga. TheraCath Epidural Catheter with Stylet, SnapLock Adapter and Threading Assist Device	Catheter	20
EC-05500	19 Ga. FlexTip Plus Open Tip Epidural Catheter with SnapLock Adapter and Threading Assist Device	Catheter	20
MP-00019-S	19 Ga. FlexTip Plus Closed Tip, Multi-Port Epidural Catheter with SnapLock Adapter and Threading Assist Device	Catheter	20
AN-02017	17 Ga. x 3-7/8" Hustead Epidural Needle, Non-winged	Needle	100
AN-05501	17 Ga. x 3-1/2" Tuohy Epidural Needle with Integrated Wings	Needle	100
AN-05505	17 Ga. x 5" Tuohy Epidural Needle with Integrated Wings	Needle	25
LR-05501	10 mL Plastic Luer-slip LOR Syringe	LOR Syringe	25
LR-05502	5 mL Glass Luer-slip LOR Syringe	LOR Syringe	25
LR-05503	5 mL Glass Luer-lock LOR Syringe	LOR Syringe	25
AS-05500	SnapLock Catheter/Syringe Adapter	Adapter	50
EF-05500	0.2 micron Flat Epidural Filter	Filter	100



FlexTip Plus in Advancer Tube (available in select trays)



### FLEXTIP PLUS® ONLINE AND CUSTOM KIT DESIGN:

For more information on the FlexTip Plus family of products visit [www.flextipplus.com](http://www.flextipplus.com) or contact your local Sales Specialist to design your own custom Arrow Select Kit (ASK).

To place an order contact customer service at 800.523.8446



## REFERENCES

1. Banwell B, et al. Decreased Incidence of Complications with the Arrow (FlexTip Plus) Epidural Catheter. *Canadian Journal of Anaesthesia*. 1998; 45: 370-72.
2. Cohen S, et al. Arrow versus B. Braun® Epidural Catheter for Epidural Block in Obstetric Patients. *Anesthesiology*. 2004; 101: A1199.
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4. Juneja M, et al. Incidence of Epidural Vein Cannulation in Parturients with Three Different Epidural Catheters. *Regional Anesthesia & Pain Medicine*. 1996; 21 (2): 4.
5. Mhyre, Jill M, et al. A Systematic Review of Randomized Controlled Trials that Evaluate Strategies to Avoid Epidural Vein Cannulation during Obstetric Epidural Catheter Placement. *Anesthesia & Analgesia*. 2009; 108: 1232-1242.
6. Juneja M, et al. Comparison of Epidural Catheters Induced Paresthesia in Parturients. *Regional Anesthesia & Pain Medicine*. 1995; 20 (2): 152.

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