

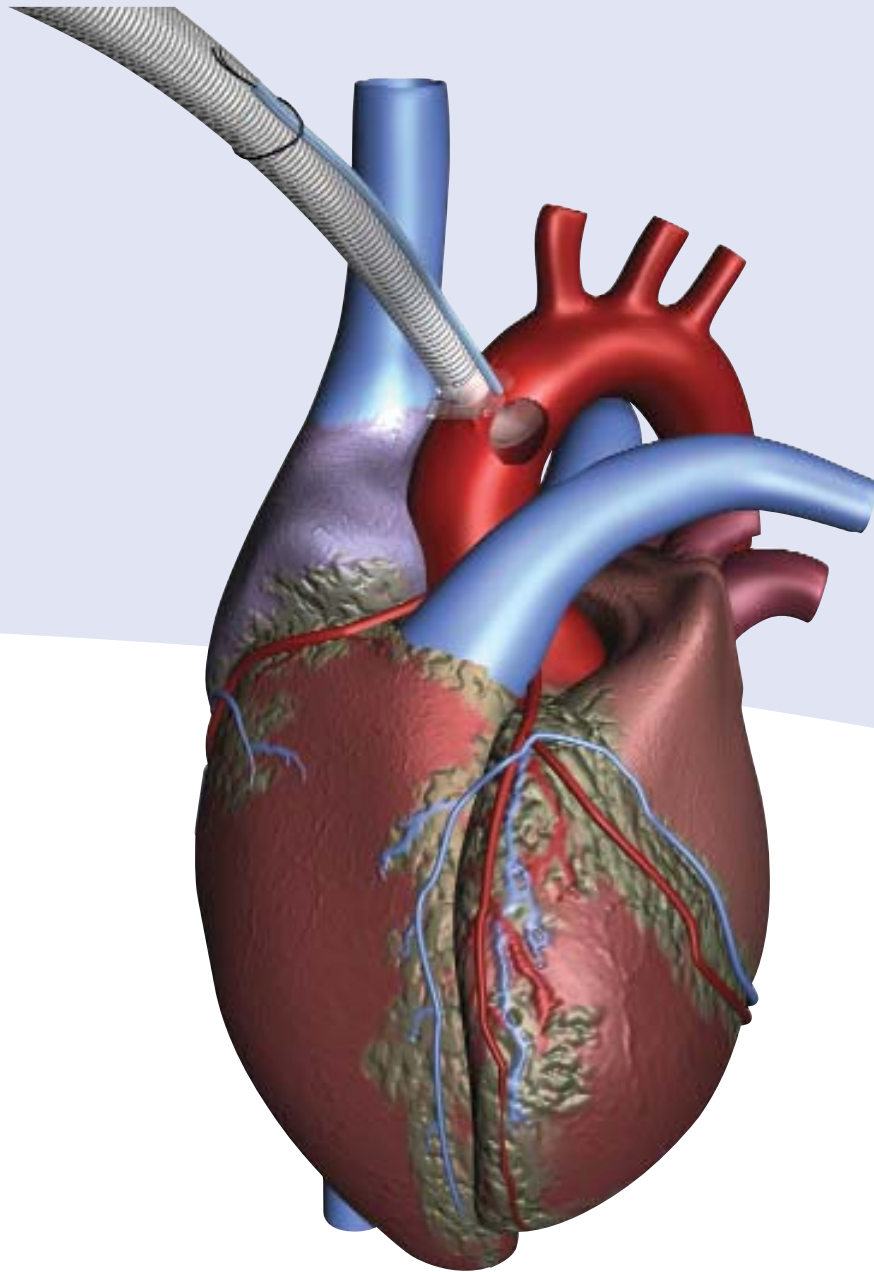
CATHETERS AND CANNULAE
PRODUCT CATALOGUE

MAQUET

CARDIOPULMONARY



ARTERIAL CANNULAE	PAGE
Arterial Cannulae “Transminar”	7
Arterial Cannulae wire-reinforced	13
Arterial Cannulae without reinforcement	15
Pediatric Arterial Cannulae	18
VENOUS RETURN CATHETERS	PAGE
Single-Stage Venous Catheters wire-reinforced	23
Single-Stage Venous Catheters without reinforcement	27
Pediatric Single-Stage Venous Catheters	29
Two-Stage Venous Catheters	36
Two-Stage Venous Catheters SLIM	42
Two-Stage Venous Catheters ELLIPTIC	46
CARDIOPLEGIA CANNULAE	PAGE
Cardioplegia Antegrade Cannulae	51
Coronary Perfusion Cannulae	61
Cardioplegia Retrograde Cannulae	67
VENT CATHETERS - SUCTION DEVICES	PAGE
Vent Catheters	75
Suction Devices	78
SPECIAL APPLICATION	PAGE
Pressure Monitoring Catheters	83
ECMO Cannulae	84
Thoracic Drainage Catheters	87
Vessel Cannulae	87
Cardio Kits	89
FLOW CHARTS / INDEX	PAGE
Flow Charts	93
Index	101



Product features:

- non-reinforced for standard products
- wire-reinforcement for higher kink-resistance
- various Fr sizes for neonates, pediatrics and adults
- multiple tip choices and fixation methods
 - straight tip
 - curved tip
 - curved tip with beaked contour
 - ring or flange fixation
- various connector options with microporous vent plug

ARTERIAL CANNULAE

The arterial cannula „TRANSMINAR“ is available in a wide range of sizes, straight or curved tip designs, with ring or flange, with or without connector to suit the individual anatomical needs and the preference of the surgeon. The inner wall is smooth throughout the whole cannula. Excellent flow performance minimizes the risk of haemolysis. High flexibility without risk of kinking is due to the excellent combination of thin cannula walls and wire-reinforcement. A micropore vent plug is standard feature of all arterial cannulae to provide convenient automatic air venting during the aortic cannulation.

Wire-reinforced straight tip with ring

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-0101	20 Fr. (6.7 mm)	23 cm	3/8"
A22-0101	22 Fr. (7.3 mm)	23 cm	3/8"
A24-0101	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

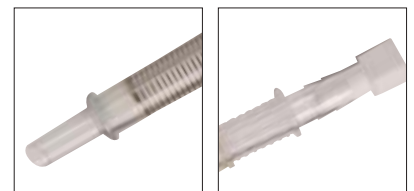


Wire-reinforced straight tip with ring, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-0105	20 Fr. (6.7 mm)	23 cm	3/8"
A22-0105	22 Fr. (7.3 mm)	23 cm	3/8"
A24-0105	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



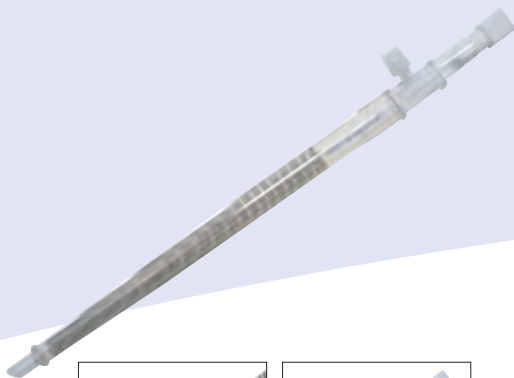
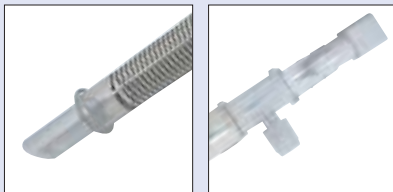


Wire-reinforced, straight tip with ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-0107	20 Fr. (6.7 mm)	23 cm	3/8"
A22-0107	22 Fr. (7.3 mm)	23 cm	3/8"
A24-0107	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

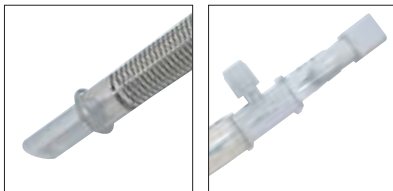


Wire-reinforced, straight tip with ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-0106*	20 Fr. (6.7 mm)	23 cm	3/8"
A22-0106*	22 Fr. (7.3 mm)	23 cm	3/8"
A24-0106*	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request



Wire-reinforced, curved tip with ring

A curved tip directs blood into the aorta in the normal flow direction thereby minimizing turbulence.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-2101	20 Fr. (6.7 mm)	23 cm	3/8"
A22-2101	22 Fr. (7.3 mm)	23 cm	3/8"
A24-2101	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

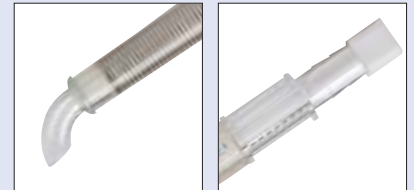


Wire-reinforced, straight tip with ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-2105	20 Fr. (6.7 mm)	23 cm	3/8"
A22-2105	22 Fr. (7.3 mm)	23 cm	3/8"
A24-2105	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

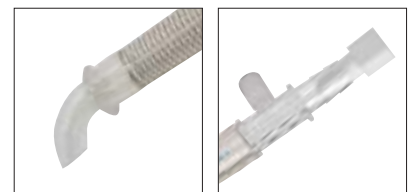
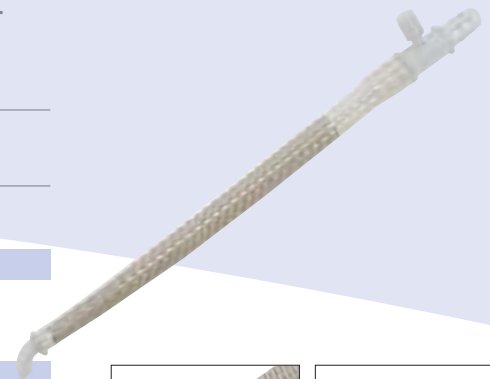


Wire-reinforced, curved tip with ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-2107	20 Fr. (6.7 mm)	23 cm	3/8"
A22-2107	22 Fr. (7.3 mm)	23 cm	3/8"
A24-2107	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

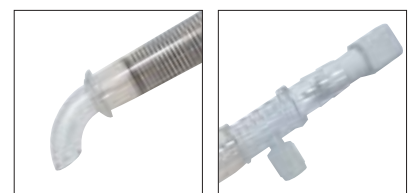
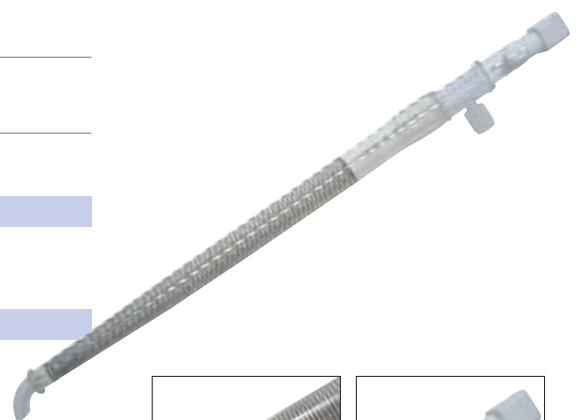


Wire-reinforced, curved tip with ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-2106*	20 Fr. (6.7 mm)	23 cm	3/8"
A22-2106*	22 Fr. (7.3 mm)	23 cm	3/8"
A24-2106*	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request



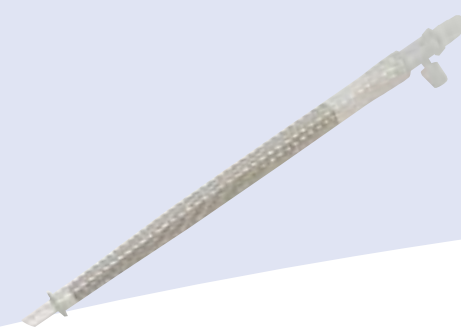
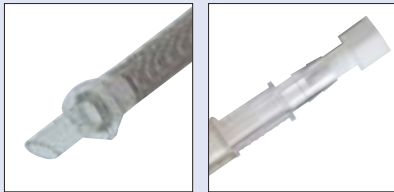


Wire-reinforced, straight tip with flange, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-5105	20 Fr. (6.7 mm)	23 cm	3/8"
A22-5105	22 Fr. (7.3 mm)	23 cm	3/8"
A24-5105	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

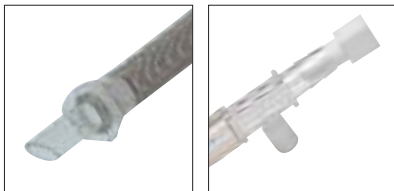


Wire-reinforced, straight tip with flange, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-5107	20 Fr. (6.7 mm)	23 cm	3/8"
A22-5107	22 Fr. (7.3 mm)	23 cm	3/8"
A24-5107	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

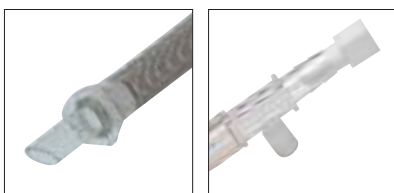


Wire-reinforced, straight tip with flange, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-5106*	20 Fr. (6.7 mm)	23 cm	3/8"
A22-5106*	22 Fr. (7.3 mm)	23 cm	3/8"
A24-5106*	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request



Wire-reinforced, curved tip with flange

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-7101	20 Fr. (6.7 mm)	23 cm	3/8"
A22-7101	22 Fr. (7.3 mm)	23 cm	3/8"
A24-7101	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Wire-reinforced, curved tip with flange, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-7105	20 Fr. (6.7 mm)	23 cm	3/8"
A22-7105	22 Fr. (7.3 mm)	23 cm	3/8"
A24-7105	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Wire-reinforced, curved tip with flange, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-7107	20 Fr. (6.7 mm)	23 cm	3/8"
A22-7107	22 Fr. (7.3 mm)	23 cm	3/8"
A24-7107	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



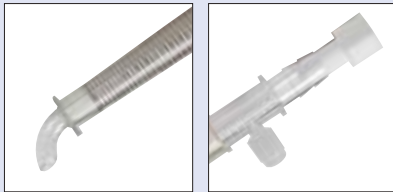
ARTERIAL CANNULAE

Wire-reinforced, curved tip with flange, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
A20-7106*	20 Fr. (6.7 mm)	23 cm	3/8"
A22-7106*	22 Fr. (7.3 mm)	23 cm	3/8"
A24-7106*	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request



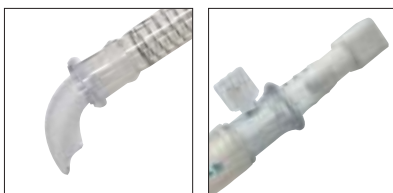
Wire-reinforced, curved tip, with pre-mounted connector

These curved tip arterial cannulae for aortic cannulation feature a special contoured tip that makes insertion of the tip into and through the aortic wall quicker, easier and safer.

SPECIFICATIONS

Art.No.	Flange	Ring	Connector	Size in Fr.	Length
680022		x	3/8" non-vented	22	26 cm
680024		x	3/8" non-vented	24	26 cm
682022	x		3/8" non-vented	22	26 cm
682024	x		3/8" non-vented	24	26 cm
680122		x	3/8" vented	22	26 cm
680124		x	3/8" vented	24	26 cm
682122	x		3/8" vented	22	26 cm
682124	x		3/8" vented	24	26 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



ARTERIAL CANNULAE

Standard arterial cannulae are designed to allow a gentle laminar blood flow due to the smooth surface of the inner cannulae wall throughout the whole cannula. The wire-reinforcement prevents unintentional kinking and therefore minimizes the risk for an increased pressure drop or reduction in flow.

Wire-reinforced, straight tip without ring

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
AS 18 V	18 Fr. (6.0 mm)	23 cm	3/8"
AS 21 V	21 Fr. (7.0 mm)	23 cm	3/8"
AS 24 V	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Wire-reinforced, straight tip without ring, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
AS 18 V -84*	18 Fr. (6.0 mm)	23 cm	3/8"
AS 21 V -84*	21 Fr. (7.0 mm)	23 cm	3/8"
AS 24 V -84*	24 Fr. (8.0 mm)	23 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request



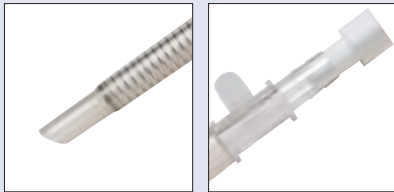
ARTERIAL CANNULAE



Wire-reinforced, straight tip without ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
AS 18 V -85 B	18 Fr. (6.0 mm)	23 cm	3/8"
AS 21 V -85 B	21 Fr. (7.0 mm)	23 cm	3/8"
AS 24 V -85 B	24 Fr. (8.0 mm)	23 cm	3/8"

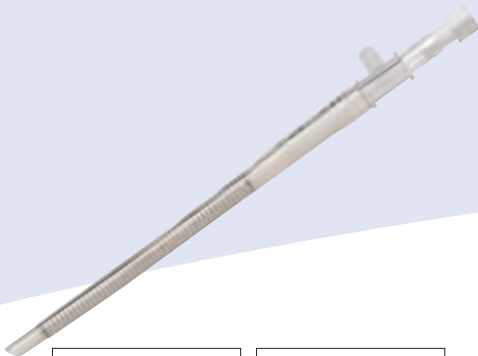


PACKAGING UNIT 20 pcs. / carton, sterile packed

Wire-reinforced, straight tip without ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
AS 18 V -85 A*	18 Fr. (6.0 mm)	23 cm	3/8"
AS 21 V -85 A*	21 Fr. (7.0 mm)	23 cm	3/8"
AS 24 V -85 A*	24 Fr. (8.0 mm)	23 cm	3/8"



PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request

ARTERIAL CANNULAE

Arterial cannulae without reinforcement are an alternative to the wire-reinforced cannulae where the surgical risk of kinking is minimized. The microporous vent plug provides convenient automatic air venting during aortic cannulation.

Straight tip with adjustable ring

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Ring Distance	Rigid Part	Connection
HK 45 SE	21 Fr. (7.0 mm)	40 cm	23 mm	10 mm	1/4"
HK 46 SE	24 Fr. (8.0 mm)	40 cm	26 mm	10 mm	1/4"
HK 46 PB	24 Fr. (8.0 mm)	40 cm	26 mm	70 mm	1/4"
HK 47 SF	28 Fr. (9.3 mm)	40 cm	29 mm	17 mm	1/4"

PACKAGING UNIT 20 pcs. / carton, sterile packed

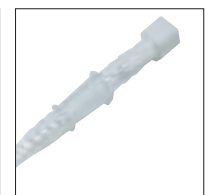
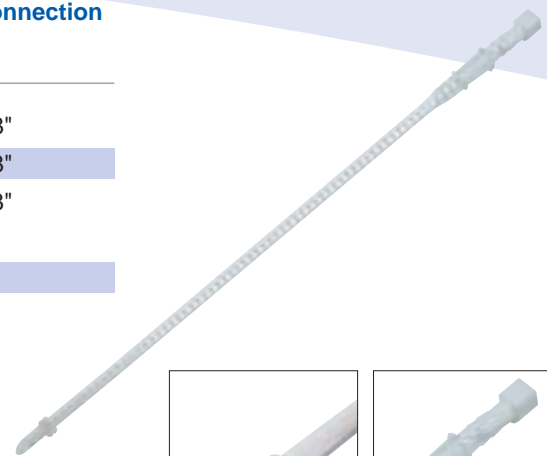


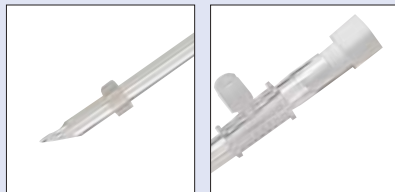
Straight tip with adjustable ring, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Ring Distance	Rigid Part	Connection
HK 36 SS-90 V	24 Fr. (8.0 mm)	25 cm	26 mm	14 mm	3/8"
HK 46 SE-90 V	24 Fr. (8.0 mm)	40 cm	31 mm	10 mm	3/8"
HK 47 SE-84 V*	28 Fr. (9.3 mm)	40 cm	29 mm	12 mm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request





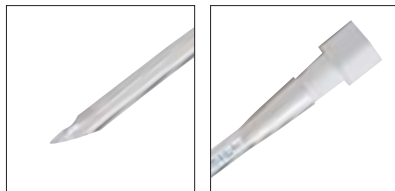
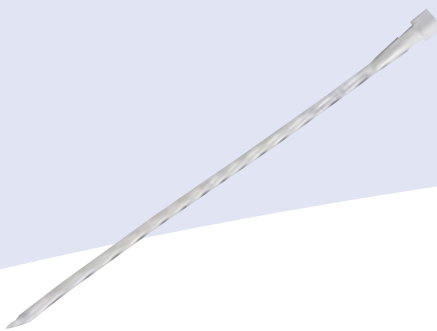
Straight tip with adjustable ring, with luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Ring Distance	Rigid Part	Connection
HK 45 SH-91 V	21 Fr. (7.0 mm)	40 cm	28 mm	8 mm	3/8"
HK 36 PB-91 V	24 Fr. (8.0 mm)	30 cm	26 mm	70 mm	3/8"
HK 46 SH-91 V	24 Fr. (8.0 mm)	40 cm	31 mm	10 mm	3/8"
HK 46 SM-91 V	24 Fr. (8.0 mm)	40 cm	23 mm	17 mm	3/8"
HK 47 SH-85 V*	30 Fr. (10.0 mm)	40 cm	33 mm	12 mm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed *available on request

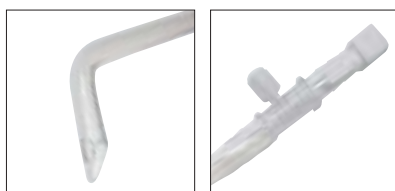
Straight tip without ring



SPECIFICATIONS

Art.No.	Outer-Ø	Length	Ring Distance	Rigid Part	Connection
HK 34 SN	18 Fr. (6.0 mm)	30 cm	-	10 mm	1/4"
HK 35 SN	21 Fr. (7.0 mm)	30 cm	-	10 mm	1/4"
HK 36 SN	24 Fr. (8.0 mm)	30 cm	-	6 mm	1/4"
HK 37 SN	28 Fr. (9.3 mm)	30 cm	-	20 mm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Curved tip without ring, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Ring Distance	Rigid Part	Connection
HK 36 SN 1103	24 Fr. (8.0 mm)	30 cm	-	Tip	3/8"

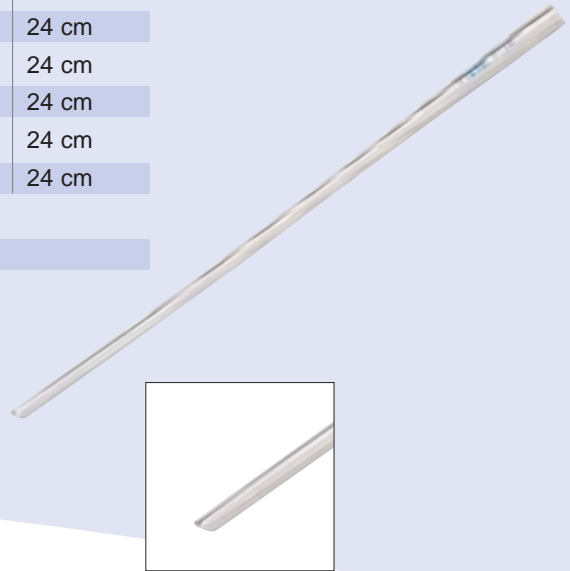
PACKAGING UNIT 10 pcs. / carton, sterile packed

Non-reinforced, straight tip

SPECIFICATIONS

Art.No.	Flange	Ring	Connection	Size in Fr.	Length
461200			1/4"	12	24 cm
461400			1/4"	14	24 cm
461600			1/4"	16	24 cm
461800			1/4"	18	24 cm
462100			3/8"	21	24 cm
462400			3/8"	24	24 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



PEDIATRIC ARTERIAL CANNULAE

A very smooth surface of the inner cannula wall throughout the whole cannula combined with perfect shaped tips and flexibility of the cannula body is an essential requirement for pediatric heart surgery to allow gentle laminar blood flow. The pediatric arterial cannulae are perfectly adapted to the small diameter blood vessels of neonates and small infants.

Wire-reinforced, straight tip without ring

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
AS 08 V	08 Fr. (2.6 mm)	23 cm	1/4"
AS 10 V	10 Fr. (3.3 mm)	23 cm	1/4"
AS 12 V	12 Fr. (4.0 mm)	23 cm	1/4"
AS 14 V	14 Fr. (4.6 mm)	23 cm	1/4"
AS 16 V	16 Fr. (5.3 mm)	23 cm	1/4"

PACKAGING UNIT 5 pcs. / carton, sterile packed



Wire-reinforced, straight tip with ring

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
ASR 08 V	08 Fr. (2.6 mm)	23 cm	1/4"
ASR 10 V	10 Fr. (3.3 mm)	23 cm	1/4"
ASR 12 V	12 Fr. (4.0 mm)	23 cm	1/4"
ASR 14 V	14 Fr. (4.6 mm)	23 cm	1/4"
ASR 16 V	16 Fr. (5.3 mm)	23 cm	1/4"
ASR 18 V	18 Fr. (6.0 mm)	23 cm	3/8"

PACKAGING UNIT 5 pcs./ carton, ASR 18 V 20 pcs./carton, sterile packed



Wire-reinforced, curved tip with ring

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
ACR 0890 V	08 Fr. (2.6 mm)	23 cm	1/4"
ACR 1090 V	10 Fr. (3.3 mm)	23 cm	1/4"
ACR 1290 V	12 Fr. (4.0 mm)	23 cm	1/4"
ACR 1490 V	14 Fr. (4.6 mm)	23 cm	1/4"
ACR 1690 V	16 Fr. (5.3 mm)	23 cm	1/4"
ACR 1890 V	18 Fr. (6.0 mm)	23 cm	3/8"

PACKAGING UNIT 5 pcs./ carton, ACR 1890 V 20 pcs./carton, sterile packed



PEDIATRIC ARTERIAL CANNULAE

These arterial cannulae range in size from 12 Fr. to 24 Fr., have various tip types with straight and curved configurations, with or without fixation ring/flange and are available with and without wire-reinforcement.

Wire-reinforced, curved tip

SPECIFICATIONS

Art.No.	Flange	Ring	Connection	Size in Fr.	Length
650012		x	1/4"	12	24 cm
650014		x	1/4"	14	24 cm
650016		x	1/4"	16	24 cm
650018	x		3/8"	18	24 cm
650021	x		3/8"	21	24 cm
650024	x		3/8"	24	24 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



Wire-reinforced, straight tip

SPECIFICATIONS

Art.No.	Flange	Ring	Connection	Size in Fr.	Length
660012		x	1/4"	12	24 cm
660014		x	1/4"	14	24 cm
660016		x	1/4"	16	24 cm
660018		x	3/8"	18	24 cm
660021		x	3/8"	21	24 cm
660024		x	3/8"	24	24 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



PEDIATRIC ARTERIAL CANNULAE

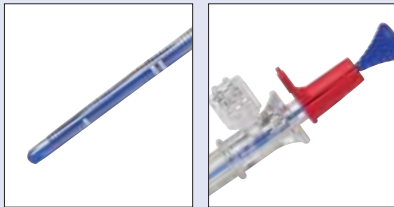
This range of pediatric arterial cannulae covers sizes from 6 Fr. to 12 Fr. with the choice of 1/4 " or 3/16 " proximal arterial tubing connector with luer vent. The ultra-thin wire-reinforced wall gives the cannulae unique flexibility and kink resistance. A retractable stylet is incorporated to ease insertion through the vessel wall.

Wire-reinforced, straight tip, stylet

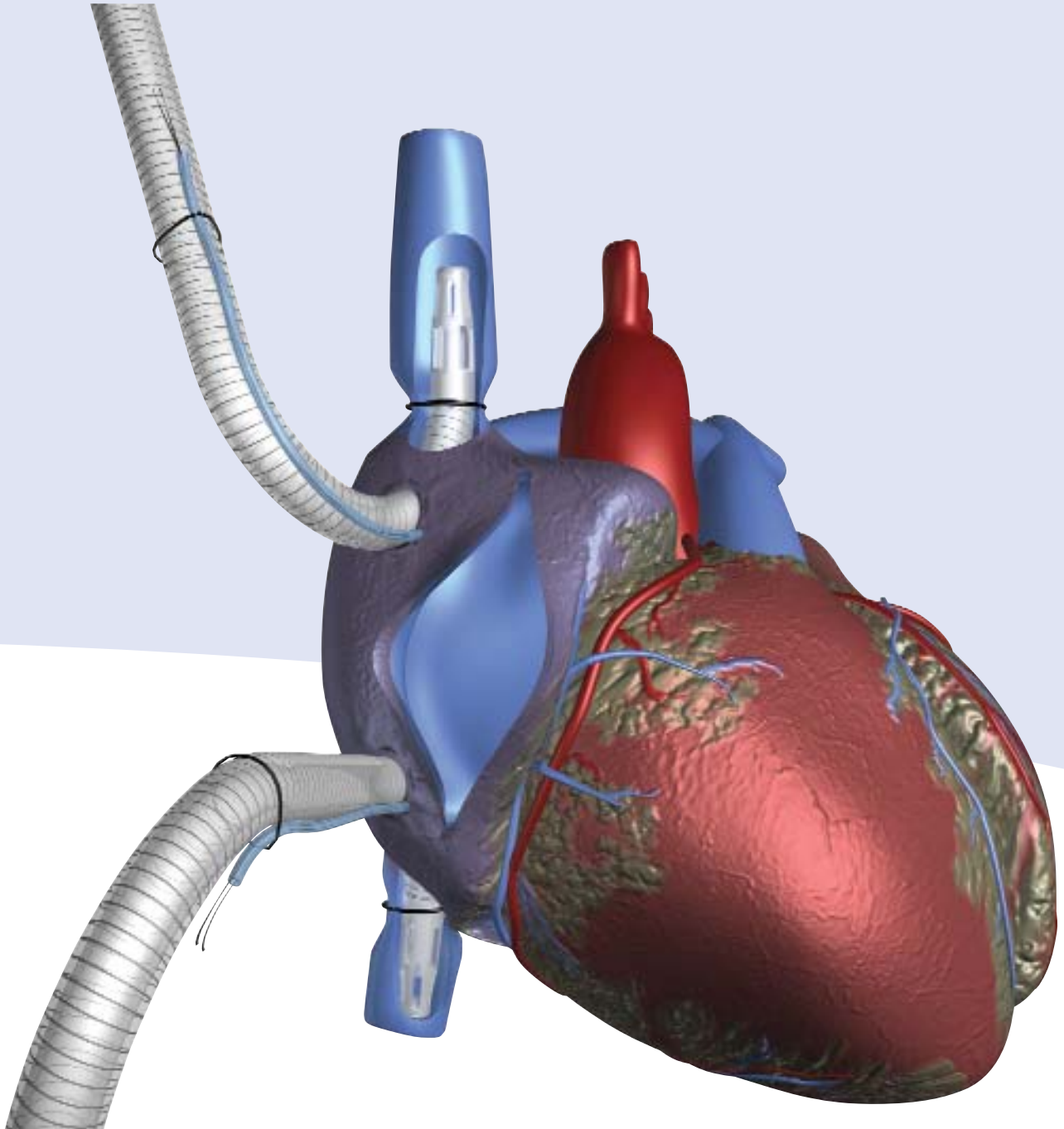
SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
163606	06 (Fr. 1.9 mm)	21,5 cm	3/16"
163608	08 (Fr. 2.6 mm)	21,5 cm	3/16"
163610	10 (Fr. 3.3 mm)	21,5 cm	3/16"
163612	12 (Fr. 4.0 mm)	21,5 cm	3/16"
161406	06 (Fr. 1.9 mm)	21,5 cm	1/4"
161408	08 (Fr. 2.6 mm)	21,5 cm	1/4"
161410	10 (Fr. 3.3 mm)	21,5 cm	1/4"
161412	12 (Fr. 4.0 mm)	21,5 cm	1/4"

PACKAGING UNIT 10 pcs./ carton, sterile packed



VENOUS RETURN CATHETERS SINGLE-STAGE



Product features:

- non-reinforced for standard products
- wire-reinforcement for higher kink-resistance
- various sizes from 12 Fr for pediatric applications to 41 Fr for adult patients
- straight and angled configurations
- internal proximal end bevel for easier and safer connection
- different tip choices :
 - Lighthouse tip
 - Full lumen tip
 - Basket tip
 - Bullet tip
 - Pilot tip

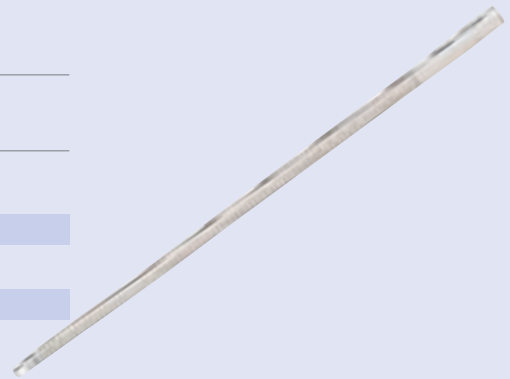
VENOUS RETURN CATHETERS

Single-stage venous return catheters are available in a wide range of sizes and versions. Two catheters are used for separate drainage of the superior and inferior vena cavae during cardiopulmonary bypass. The design of the various tip types provide excellent insertion characteristics and effective drainage. The extremely thin-walled structure combined with a kink-resistant wire-reinforcement ensures a gentle flow. The flexible catheters can be easily positioned away from the surgical site.

Wire-reinforced, Bullet tip, straight

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
HKV 4024 B	24 Fr. (8.0mm)	40 cm	3/8"
HKV 4028 B	28 Fr. (9.3mm)	40 cm	3/8"
HKV 4032 B	32 Fr. (10.7mm)	40 cm	3/8"
HKV 4036 B	36 Fr. (12.0mm)	40 cm	3/8"
HKV 4040 B*	40 Fr. (13.3mm)	40 cm	1/2"



PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request



Wire-reinforced, Lighthouse tip, straight

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
HKV 45 L	22 Fr. (7.3mm)	40 cm	3/8"
HKV 46 L	26 Fr. (8.7mm)	40 cm	3/8"
HKV 47 L	30 Fr. (10.0mm)	40 cm	3/8"
HKV 48 L	32 Fr. (10.7mm)	40 cm	3/8"
HKV 49 L	36 Fr. (12.0mm)	40 cm	3/8"



PACKAGING UNIT 20 pcs. / carton, sterile packed



Wire-reinforced, Pilot tip, straight

SPECIFICATIONS



Art.No.	Outer-Ø	Length	Connection
HKV 45 P*	22 Fr. (7.3mm)	40 cm	3/8"
HKV 46 P*	26 Fr. (8.7mm)	40 cm	3/8"
HKV 47 P*	30 Fr. (10.0mm)	40 cm	3/8"
HKV 48 P*	32 Fr. (10.7mm)	40 cm	3/8"
HKV 49 P*	36 Fr. (12.0mm)	40 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request

Wire-reinforced, Bullet tip, 90° bent

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Tip	Connection
HKV 4024 B 90	24 Fr. (8.0mm)	40 cm	5 cm	3/8"
HKV 4028 B 90	28 Fr. (9.3mm)	40 cm	7 cm	3/8"
HKV 4032 B 90	32 Fr. (10.7mm)	40 cm	7 cm	3/8"
HKV 4036 B 90	36 Fr. (12.0mm)	40 cm	7 cm	3/8"
HKV 4040 B 90	40 Fr. (13.3mm)	40 cm	7 cm	1/2"

PACKAGING UNIT 10 pcs. / carton, sterile packed

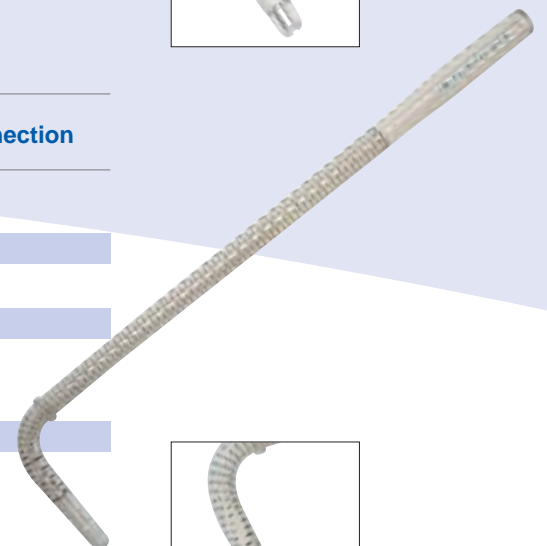


Wire-reinforced, Lighthouse tip, 90° bent,

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Tip	Connection
HKV 45 L 90	22 Fr. (7.3mm)	40 cm	3 cm	3/8"
HKV 46 L 90	26 Fr. (8.7mm)	40 cm	5 cm	3/8"
HKV 47 L 90	30 Fr. (10.0mm)	40 cm	7 cm	3/8"
HKV 48 L 90	32 Fr. (10.7mm)	40 cm	7 cm	3/8"
HKV 49 L 90	36 Fr. (12.0mm)	40 cm	7 cm	3/8"

PACKAGING UNIT 10 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS

These adult catheters range in size from 24 Fr. to 41 Fr., have various tip types with straight or right-angled configurations and are available with or right angled configurations and are available with or without reinforcement.



Wire-reinforced with Full Lumen tip, straight

Full Lumen tip venous return catheters feature a specially formed, selectively hardened distal tip for easier and safer insertion and high unobstructed venous drainage.

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection Size	Length
610024	-	24	1/4"	40 cm
610028	-	28	3/8"	40 cm
610032	-	32	3/8"	40 cm
610036	-	36	3/8"	40 cm
610041	-	41	1/2"	40 cm

PACKAGING UNIT 10 pcs./ case, sterile packed



Wire-reinforced with Full Lumen tip, 90° bent

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection Size	Length
620245	5	24	1/4"	40 cm
620246	6	24	3/8"	40 cm
620286	6	28	3/8"	40 cm
620287	7	28	3/8"	40 cm
620326	6	32	3/8"	40 cm
620327	7	32	3/8"	40 cm
620368	8	36	3/8"	40 cm
620369	9	36	3/8"	40 cm
620418	8	42	1/2"	40 cm
620419	9	42	1/2"	40 cm

PACKAGING UNIT 10 pcs./ case, sterile packed



VENOUS RETURN CATHETERS

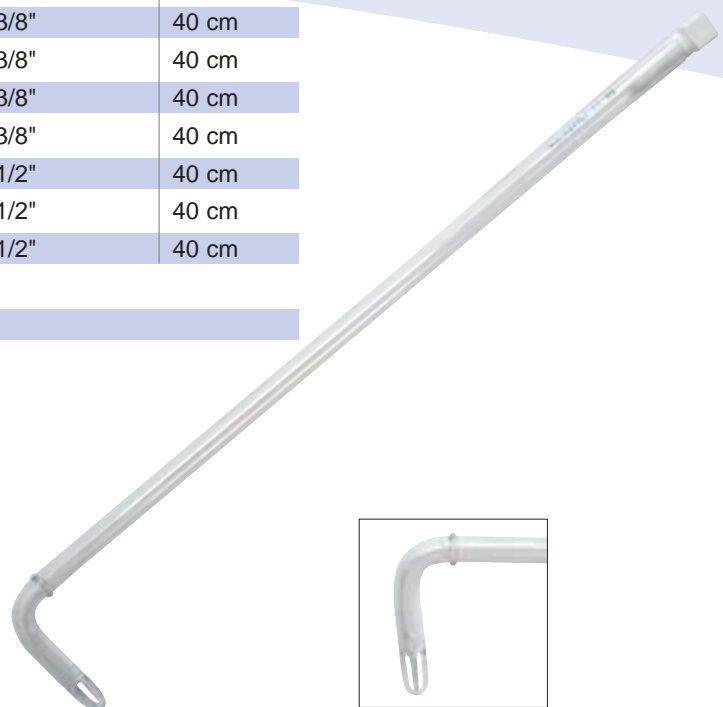
Venous return catheters without reinforcement are an alternative to the wire-reinforced catheters where the surgical risk of kinking is minimized.

Non-reinforced with Basket tip, 90° bent

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection	Length
100183	3	18	1/4"	40 cm
100184	4	18	1/4"	40 cm
100185	5	18	1/4"	40 cm
100213	3	21	1/4"	40 cm
100214	4	21	1/4"	40 cm
100215	5	21	1/4"	40 cm
100244	4	24	1/4"	40 cm
100245	5	24	1/4"	40 cm
100246	6	24	1/4"	40 cm
100285	5	28	3/8"	40 cm
100286	6	28	3/8"	40 cm
100287	7	28	3/8"	40 cm
100326	6	32	3/8"	40 cm
100327	7	32	3/8"	40 cm
100328	8	32	3/8"	40 cm
100365	5	36	3/8"	40 cm
100367	7	36	3/8"	40 cm
100368	8	36	3/8"	40 cm
100369	9	36	3/8"	40 cm
100417	7	41	1/2"	40 cm
100418	8	41	1/2"	40 cm
100419	9	41	1/2"	40 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



Pilot tip, straight



SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
HK 44 P	18 Fr. (6.0mm)	40 cm	1/4"
HK 45 P	22 Fr. (7.3mm)	40 cm	1/4"
HK 46 P	24 Fr. (8.0mm)	40 cm	1/4"
HK 47 P	30 Fr. (10.0mm)	40 cm	3/8"
HK 48 P	32 Fr. (10.7mm)	40 cm	3/8"
HK 49 P	36 Fr. (12.0mm)	40 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Non-reinforced with Basket tip, straight

These catheters incorporate a special Basket distal tip with four large openings that provide excellent venous drainage.

SPECIFICATIONS



Art.No.	Tip cm	Size in Fr.	Connection	Length
060018	-	18	1/4"	40 cm
060020	-	20	1/4"	40 cm
060021	-	21	1/4"	40 cm
060024	-	24	1/4"	40 cm
060028	-	28	3/8"	40 cm
060030	-	30	3/8"	40 cm
060032	-	32	3/8"	40 cm
060036	-	36	3/8"	40 cm
060041	-	41	1/2"	40 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



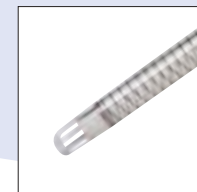
VENOUS RETURN CATHETERS PEDIATRIC

A very smooth surface of the inner catheter wall throughout the whole catheter combined with perfect shaped tips and flexibility of the catheter body is an essential requirement for pediatric heart surgery to allow gentle laminar blood flow. The pediatric venous return catheters are perfectly adapted to the small diameter blood vessels of neonates and small infants.

Wire-reinforced, Bullet tip, straight

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection	Tip
HKV 2212 B	12 Fr. (4.0mm)	22 cm	1/4"	-
HKV 2214 B	14 Fr. (4.7mm)	22 cm	1/4"	-
HKV 2216 B	16 Fr. (5.3mm)	22 cm	1/4"	-
HKV 2218 B	18 Fr. (6.0mm)	22 cm	1/4"	-
HKV 2220 B	20 Fr. (6.7mm)	22 cm	1/4"	-
HKV 3320 B	20 Fr. (6.7mm)	33 cm	1/4"	-



PACKAGING UNIT 5 pcs. / carton, sterile packed

Wire-reinforced, Lighthouse tip, straight

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection	Tip
HKV 22 L	12 Fr. (4.0mm)	25 cm	1/4"	-
HKV 23 L	16 Fr. (5.3mm)	25 cm	1/4"	-
HKV 34 L	20 Fr. (6.7mm)	33 cm	3/8"	-



PACKAGING UNIT 5 pcs. / carton, sterile packed

Wire-reinforced, straight, Pilot tip



SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection	Tip
HKV 22 P	12 Fr. (4.0mm)	25 cm	1/4"	-
HKV 23 P	16 Fr. (5.3mm)	25 cm	1/4"	-
HKV 34 P	20 Fr. (6.7mm)	33 cm	3/8"	-

PACKAGING UNIT 5 pcs. / carton, sterile packed



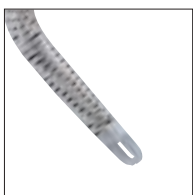
Wire-reinforced, 90° bent, Bullet tip



SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection	Tip
HKV 2212 B 90	12 Fr. (4.0mm)	22 cm	1/4"	2.5 cm
HKV 2214 B 90	14 Fr. (4.7mm)	22 cm	1/4"	2.5 cm
HKV 2216 B 90	16 Fr. (5.3mm)	22 cm	1/4"	2.5 cm
HKV 2218 B 90	18 Fr. (6.0mm)	22 cm	1/4"	2.5 cm
HKV 2220 B 90	20 Fr. (6.7mm)	22 cm	1/4"	5.0 cm
HKV 3320 B 90	20 Fr. (6.7mm)	33 cm	1/4"	5.0 cm

PACKAGING UNIT 5 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS PEDIATRIC

Wire-reinforced, 90° bent, Lighthouse tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection	Tip
HKV 22 L 90	12 Fr. (4.0mm)	25 cm	1/4"	2.5 cm
HKV 23 L 90	16 Fr. (5.3mm)	25 cm	1/4"	2.5 cm
HKV 34 L 90	20 Fr. (6.7mm)	33 cm	3/8"	3.0 cm

PACKAGING UNIT 5 pcs. / carton, sterile packed

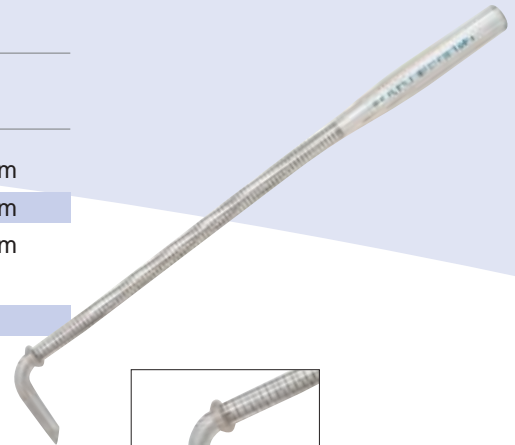


Wire-reinforced, 90° bent, Pilot tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection	Tip
HKV 22 P 90	12 Fr. (4.0mm)	25 cm	1/4"	2.5 cm
HKV 23 P 90	16 Fr. (5.3mm)	25 cm	1/4"	2.5 cm
HKV 34 P 90	20 Fr. (6.7mm)	33 cm	3/8"	3.0 cm

PACKAGING UNIT 5 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS PEDIATRIC

Non-reinforced with Full Lumen tip, straight

Full Lumen tip venous return catheters feature a specially formed, selectively hardened distal tip for easier and safer insertion and high unobstructed venous drainage.



SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection Size	Length
145012	-	12	1/4"	25 cm
145014	-	14	1/4"	25 cm
145016	-	16	1/4"	25 cm
145018	-	18	1/4"	25 cm
145021	-	21	1/4"	25 cm
145024	-	24	1/4"	25 cm

PACKAGING UNIT 10 pcs./ case, sterile packed

Non-reinforced with Full Lumen tip, 90° bent



SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection Size	Length
145122	2.5	12	1/4"	25 cm
145142	2.5	14	1/4"	25 cm
145162	2.5	16	1/4"	25 cm
145183	2.5	18	1/4"	25 cm
145213	2.5	21	1/4"	25 cm
145243	2.5	24	1/4"	25 cm

PACKAGING UNIT 10 pcs./ case, sterile packed

VENOUS RETURN CATHETERS PEDIATRIC

These pediatric venous return catheters range in size from 12 Fr. to 24 Fr. with straight or right-angled configurations. The Full Lumen tip features a specially formed, selectively hardened distal tip for easier and safer insertion and high unobstructed venous drainage.

Wire-reinforced with Full Lumen tip, straight

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection	Length
630012	-	12	1/4"	25 cm
630014	-	14	1/4"	25 cm
630016	-	16	1/4"	25 cm
630018	-	18	1/4"	25 cm
630021	-	21	1/4"	25 cm
630024	-	24	3/8"	25 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



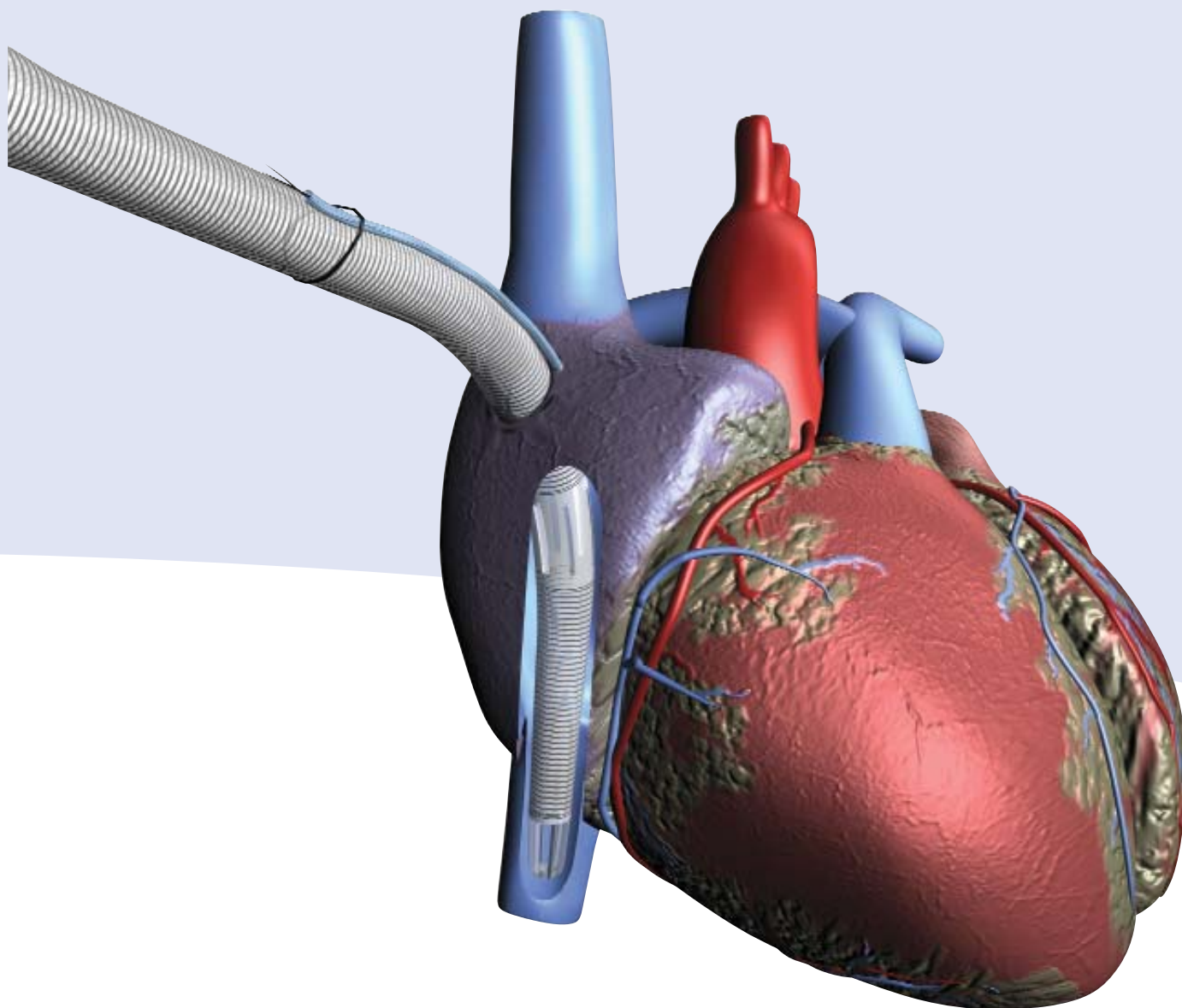
Wire-reinforced with Full Lumen tip, 90° bent

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connection	Length
640122	2.5	12	1/4"	25 cm
640142	2.5	14	1/4"	25 cm
640162	2.5	16	1/4"	25 cm
640183	3.0	18	1/4"	25 cm
640213	3.0	21	1/4"	25 cm
640243	3.0	24	1/4"	25 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed





Product features:

- non-reinforced for standard products
- wire-reinforcement for higher kink-resistance
- various sizes starting at 28 Fr distal up to 52 Fr proximal
- elliptic profile and angled versions at 90 ° and 120 °
- versions for VAVD applications
- various connector choices
- different tip choices :
 - Lighthouse tip
 - Full Lumen tip
 - Basket tip
 - Bullet tip

VENOUS RETURN CATHETERS TWO-STAGE

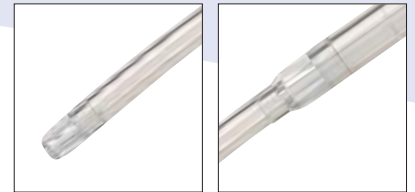
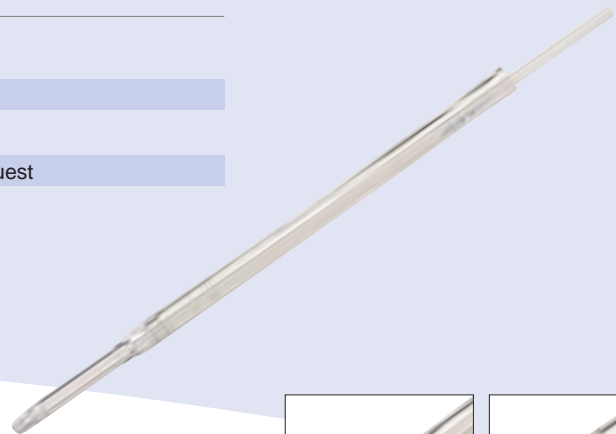
Venous two-stage catheters are available in a wide range of sizes and versions. The distal end of the catheter is placed in the inferior vena cava and the proximal part in the right atrium. The design of the various tip types allows excellent insertion characteristics and effective drainage. The thin-walled structure combined with a kink-resistant transition basket ensures gentle flow performance. The highly flexible catheter can be positioned easily outside the surgical site.

Non-reinforced, Bullet tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
T 3439 B*	34 Fr./39 Fr.	40 cm	1/2"
T 3651 B	36 Fr./51 Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request



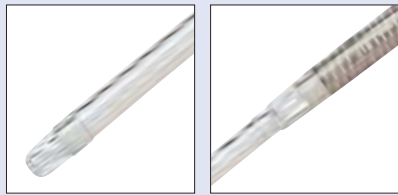


Proximal Reinforcement, Bullet-tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TP 3439 B*	34Fr./39Fr.	47 cm	1/2"
TP 3651 B	36Fr./51Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request



Proximal Reinforcement, Bullet-tip, with connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TP 3439 B -86	34Fr./39Fr.	47 cm	1/2"
TP 3651 B -86	36Fr./51Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



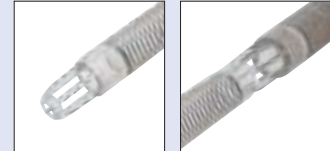
VENOUS RETURN CATHETERS TWO-STAGE

Complete Reinforcement, Bullet tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TPD 3439 B S1	34Fr./39Fr.	40 cm	1/2"
TPD 3439 B	34Fr./39Fr.	47 cm	1/2"
TPD 3651 B	36Fr./51Fr.	40 cm	1/2"
TPD 3651 B KS	36Fr./51Fr.	52 cm	1/2"
TPD 3651 B S1	36Fr./51Fr.	37 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed

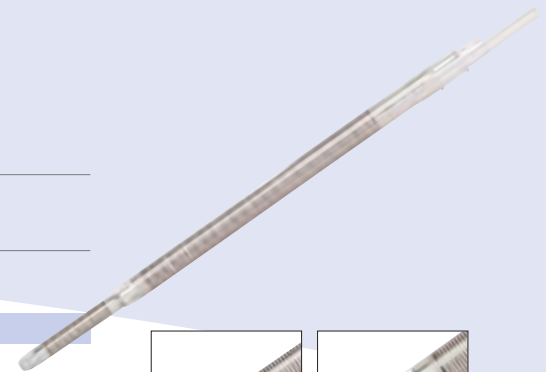


Complete Reinforcement, Bullet tip, with connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TPD 3439 B-86 S1	34Fr./39Fr.	40 cm	1/2"
TPD 3439 B-86	34Fr./39Fr.	47 cm	1/2"
TPD 3651 B-86	36Fr./51Fr.	40 cm	1/2"
TPD 3651 B-86-KS	36Fr./51Fr.	52 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Complete Reinforcement, Bullet tip, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TPD 3439 B-87 S1	34Fr./39Fr.	40 cm	1/2"
TPD 3439 B-87	34Fr./39Fr.	47 cm	1/2"
TPD 3651 B-87	36Fr./51Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



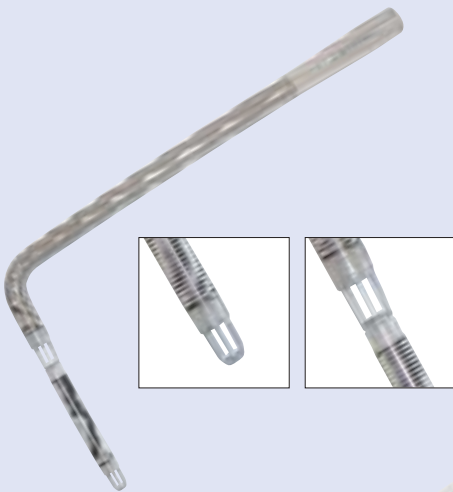
VENOUS RETURN CATHETERS TWO-STAGE

Complete Reinforcement, 90° bent, Bullet tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TPD 3651 B 90	36Fr./51Fr.	40 cm	1/2"

PACKAGING UNIT 10 pcs. / carton, sterile packed



Complete Reinforcement, Lighthouse tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TPD 3651 L	36Fr./51Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Complete Reinforcement, Lighthouse tip, Lighthouse transition

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TPD 3444 L-SUI	34Fr./44Fr.	40 cm	1/2"
TPD 3651 L-SUI	36Fr./51Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



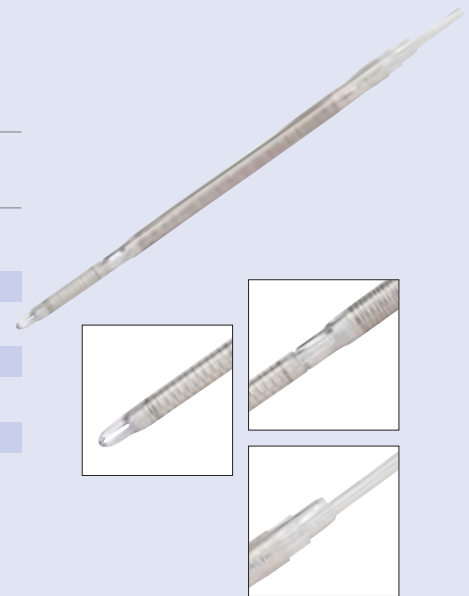
VENOUS RETURN CATHETERS TWO-STAGE

Complete reinforcement with Basket tip, straight

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connector	Length
670045	7.5	52/36	-	42 cm
670145	7.5	52/36	1/2"	42 cm
672045	4.0	52/36	-	42 cm
672145	4.0	36/52	1/2"	42 cm

PACKAGING UNIT 10 pcs. / case, sterile packed



Proximal reinforcement with Basket tip, straight

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connector	Length
670545	7.5	52/36	-	42 cm
671545	7.5	52/36	1/2"	42 cm
675045	4.0	52/36	-	42 cm
675145	4.0	36/52	1/2"	42 cm

PACKAGING UNIT 10 pcs. / case, sterile packed

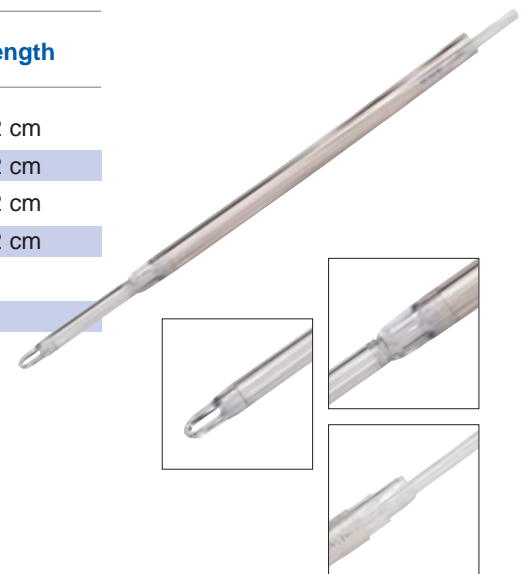


Non-reinforced with Basket tip, straight

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connector	Length
411052	7.5	52/36	-	42 cm
411152	7.5	52/36	1/2"	42 cm
412052	4.0	52/36	-	42 cm
412152	4.0	36/52	1/2"	42 cm

PACKAGING UNIT 10 pcs. / case, sterile packed



VENOUS RETURN CATHETERS TWO-STAGE

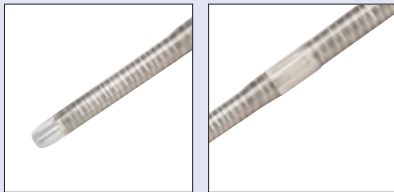
“SLIM” is the latest generation of two-stage catheters. They provide an excellent constant flow performance due to low resistance which results in pressure reduction and therefore in lower haemolysis. High flexibility without the risk of kinking is reached due to the excellent combination of thin catheter walls and tight wire-reinforcement. The thin catheter design allows reduction of the catheters space within the surgical field.

Complete Reinforcement, Bullet tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 3240 B	32Fr./40Fr.	40 cm	9 cm	1/2"
TS 3648 B	36Fr./48Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed

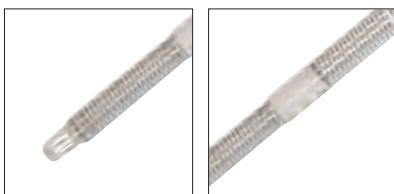
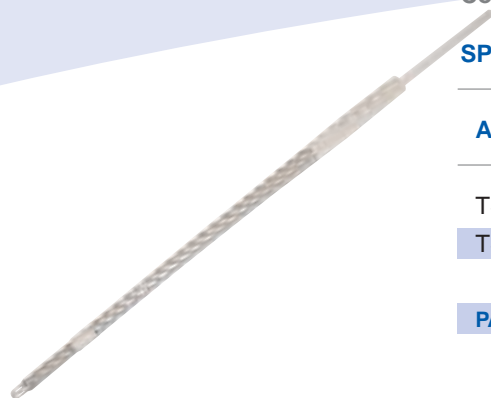


Complete Reinforcement, Bullet tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 2832 B	28Fr./32Fr.	40 cm	6 cm	3/8"
TS 3237 B	32Fr./37Fr.	40 cm	9 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS TWO-STAGE

Complete Reinforcement, Bullet tip, with connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 3240 B-86	32Fr./40Fr.	40 cm	9 cm	1/2"
TS 3648 B-86	36Fr./48Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed

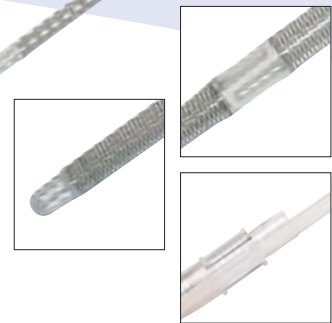
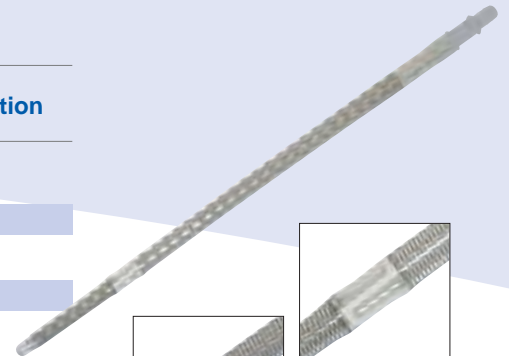


Complete Reinforcement, Bullet tip, with connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 2832 B-84	28Fr./32Fr.	40 cm	6 cm	3/8"
TS 3237 B-84	32Fr./37Fr.	40 cm	9 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

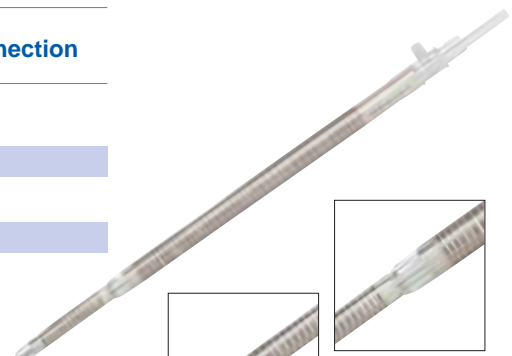


Complete Reinforcement, Bullet tip, with luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 3240 B-87	32Fr./40Fr.	40 cm	9 cm	1/2"
TS 3648 B-87	36Fr./48Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS TWO-STAGE

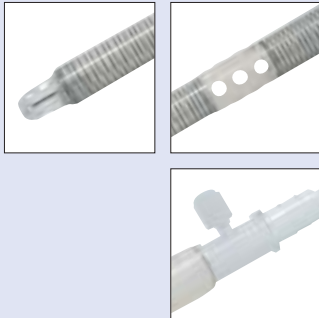


Complete Reinforcement, Bullet tip, with luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 2832 B-85	28Fr./32Fr.	40 cm	6 cm	3/8"
TS 3237 B-85	32Fr./37Fr.	40 cm	9 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed

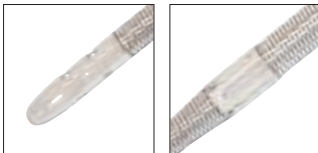
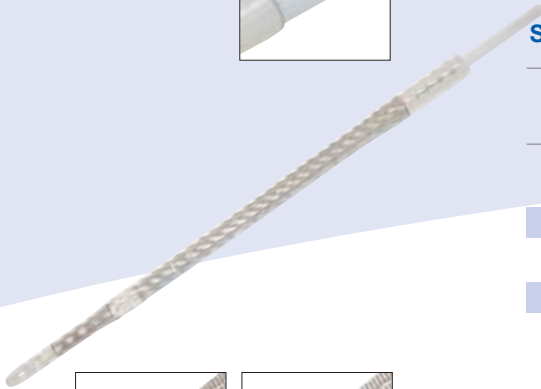


Complete Reinforcement, Lighthouse tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 3240 L	32Fr./40Fr.	40 cm	9 cm	1/2"
TS 3648 L	36Fr./48Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed

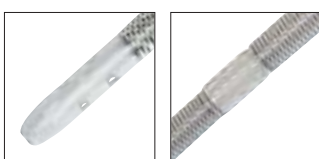


Complete Reinforcement, Lighthouse tip

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 2832 L	28Fr./32Fr.	40 cm	8 cm	1/2"
TS 3237 L	32Fr./37Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS TWO-STAGE

Complete Reinforcement, Lighthouse tip, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 3240 L-86	32Fr./40Fr.	40 cm	9 cm	1/2"
TS 3648 L-86	36Fr./48Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Complete Reinforcement, Lighthouse tip, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 2832 L-84	28Fr./32Fr.	40 cm	8 cm	3/8"
TS 3237 L-84	32Fr./37Fr.	40 cm	9 cm	3/8"

PACKAGING UNIT 20 pcs. / carton, sterile packed



Complete Reinforcement, Lighthouse tip, pre-bent 120°

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Distal Part	Connection
TS 3240 L 120	32Fr./40Fr.	40 cm	9 cm	1/2"

PACKAGING UNIT 10 pcs. / carton, sterile packed



VENOUS RETURN CATHETERS TWO-STAGE

The "SLIM" two-stage "Elliptic" is a low profile single piece catheter. Due to the design of the catheter, it is ideal for use during minimally invasive procedures. The low profile catheter offers high flexibility due to the combination of a thin catheter wall and tight wire-reinforcement.

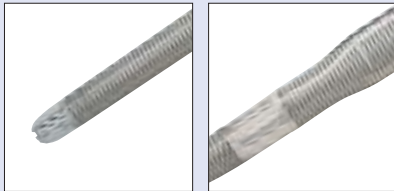
Complete Reinforcement, Bullet tip



SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TS 3240 B M*	32 Fr./40 Fr.	40 cm	1/2"
TS 3648 B M*	36 Fr./48 Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request



Complete Reinforcement, Lighthouse tip



SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TS 3240 L M*	32Fr./40Fr.	40 cm	1/2"
TS 3648 L M*	36Fr./48Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request



VENOUS RETURN CATHETERS TWO-STAGE

Complete Reinforcement, Lighthouse tip, with pre-mounted connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TS 3240 L -86 M*	32Fr./40Fr.	40 cm	1/2"
TS 3648 L -86 M*	36Fr./48Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed * available on request

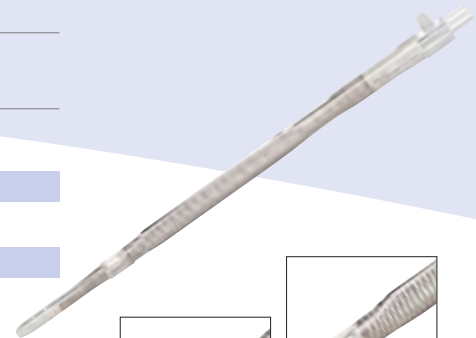


Complete Reinforcement, Lighthouse tip, with pre-mounted luer-lock connector

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Connection
TS 3240 L -87 M	32Fr./40Fr.	40 cm	1/2"
TS 3648 L -87 M	36Fr./48Fr.	40 cm	1/2"

PACKAGING UNIT 20 pcs. / carton, sterile packed





Complete Reinforcement, Full Lumen tip, straight

SPECIFICATIONS

Art.No.	Tip cm	Size in Fr.	Connector	Length
676001	7 cm	32/28	-	40 cm
676102	7 cm	32/28	3/8"	40 cm

PACKAGING UNIT 10 pcs. / case, sterile packed

Complete Reinforcement, Basket tip, straight

SPECIFICATIONS

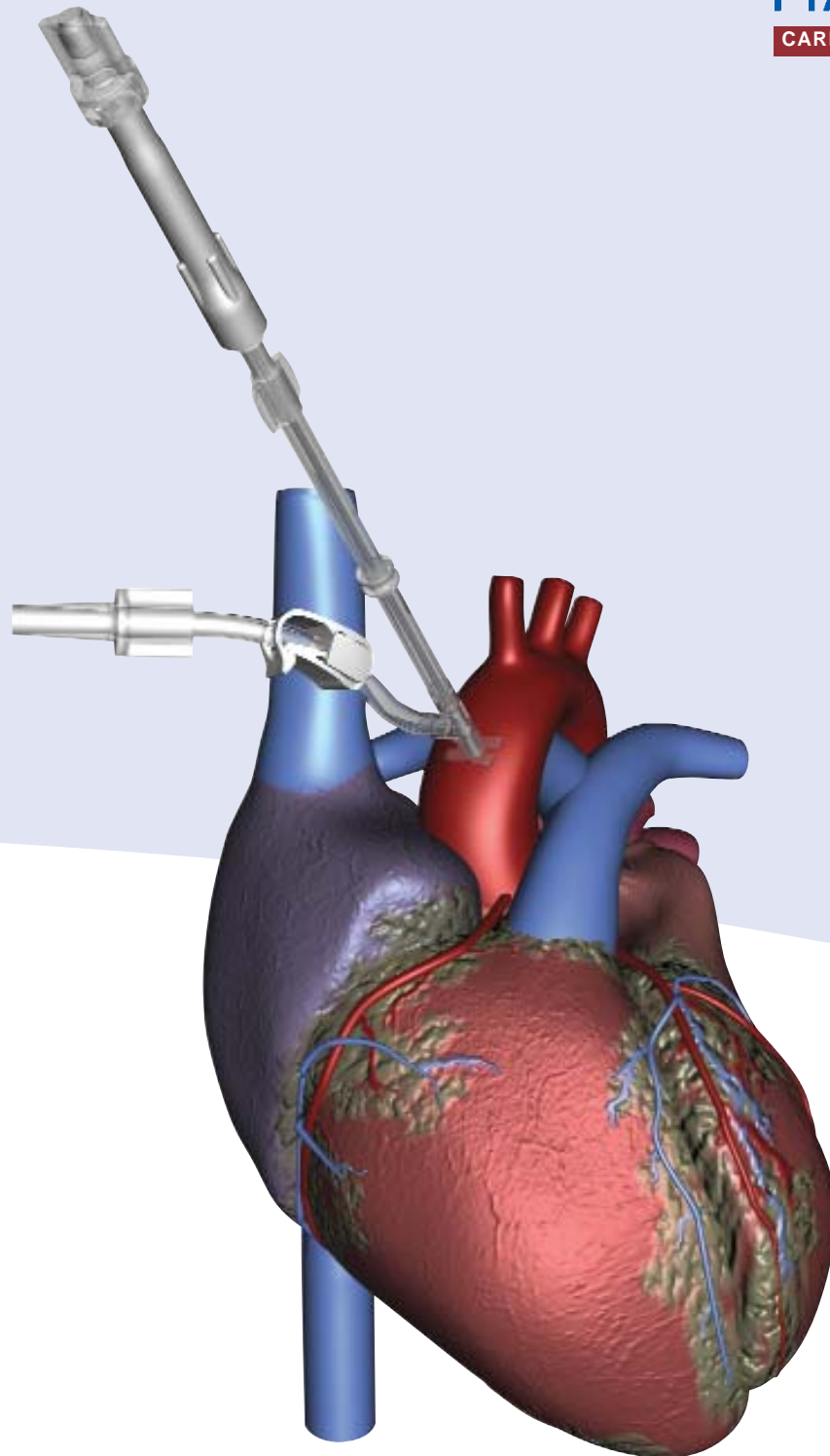
Art.No.	Tip cm	Size in Fr.	Connector	Length
676011	7 cm	32/28	-	40 cm
676112	7 cm	32/28	3/8"	40 cm

PACKAGING UNIT 10 pcs. / case, sterile packed



CARDIOPLEGIA CANNULAE ANTEGRADE

MAQUET
CARDIOPULMONARY



Product features:

- available in 7, 9 and 11 Fr size
- standard cap or protection cap where the sharp needle is removed safely into a unique protective cap
- side holes in tip and fixation flange
- vent line at different positions available
- version with incorporated pressure monitoring line
- excellent handling qualities

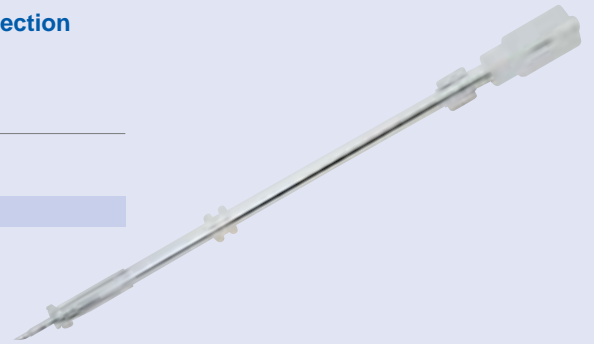
CARDIOPLEGIA CANNULAE ANTEGRADE

Antegrade cardioplegia cannulae are available in different versions. All serve as infusion cannulae for cardioplegia solution, drainage and air/bubble venting. The innovative design of these cannulae is reflected particularly by excellent handling qualities.

without protection system, without vent line

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CAS 16	1.6 mm	7 Fr. (16ga)	LL-female	-
CAS 21	2.1 mm	9 Fr. (14ga)	LL-female	-
CAS 25	2.5 mm	11 Fr. (12ga)	LL-female	-



ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed



CARDIOPLEGIA CANNULAE ANTEGRADE

With vent line at the proximal end, without protection system

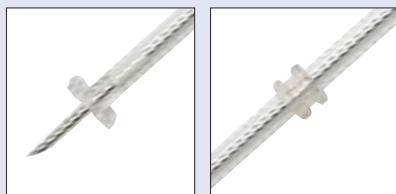
SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CAS 16 V	1.6 mm	7 Fr. (16ga)	LL-female	1/4"
CAS 21 V	2.1 mm	9 Fr. (14ga)	LL-female	1/4"
CAS 25 V	2.5 mm	11 Fr. (12ga)	LL-female	1/4"

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed



With vent line at the proximal end, with pressure monitoring line, without protection system

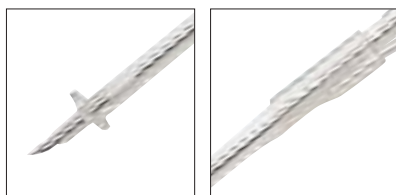
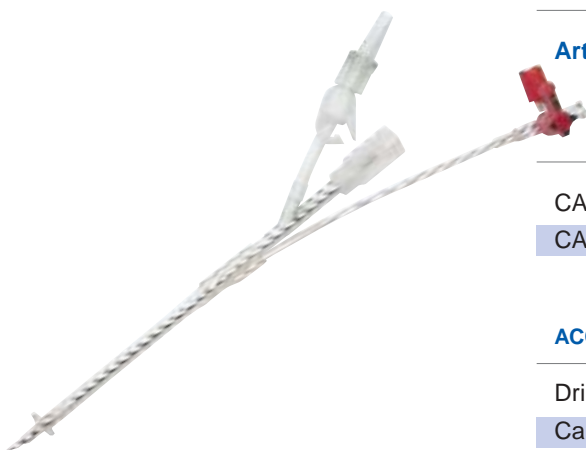
SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CAS 16 VP	1.6 mm	11 Fr. (9ga)	LL-female	1/4"
CAS 21 VP	2.1 mm	13 Fr. (7ga)	LL-female	1/4"

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed

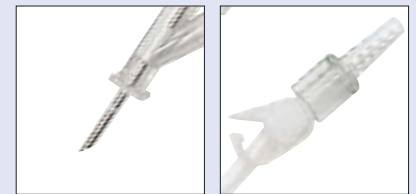


CARDIOPLEGIA CANNULAE ANTEGRADE

With vent line at the distal end, without protection system

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CAS 16 V-V	1.6 mm	7 Fr. (16ga)	LL-female	1/4"
CAS 21 V-V	2.1 mm	9 Fr. (14ga)	LL-female	1/4"
CAS 25 V-V	2.5 mm	11 Fr. (12ga)	LL-female	1/4"



ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed

With vent line at the distal tip, with pressure monitoring line, without protection system

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CAS 16 VP-V	1.6 mm	11 Fr. (16ga)	LL-female	1/4"
CAS 21 VP-V	2.1 mm	13 Fr. (14ga)	LL-female	1/4"



ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed

CARDIOPLEGIA CANNULAE ANTEGRADE

The safety version is equipped with a special safety system to minimize needle-stick injuries. The sharp needle is removed safely into a protective cap.

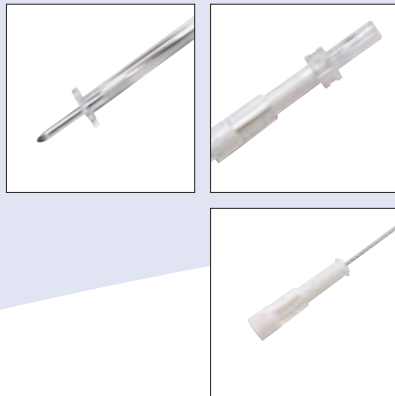
Without vent line, with protection system

SPECIFICATIONS



Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CA 16	1.6 mm	7 Fr. (16ga)	LL-female	-
CA 21	2.1 mm	9 Fr. (14ga)	LL-female	-
CA 25	2.5 mm	11 Fr. (12ga)	LL-female	-

ACCESSORIES



Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed



CARDIOPLEGIA CANNULAE ANTEGRADE

With vent line at the distal end, with protection system

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CA 16 V	1.6 mm	7 Fr. (16ga)	LL-female	1/4"
CA 21 V	2.1 mm	9 Fr. (14ga)	LL-female	1/4"
CA 25 V	2.5 mm	11 Fr. (12ga)	LL-female	1/4"



ACCESSORIES

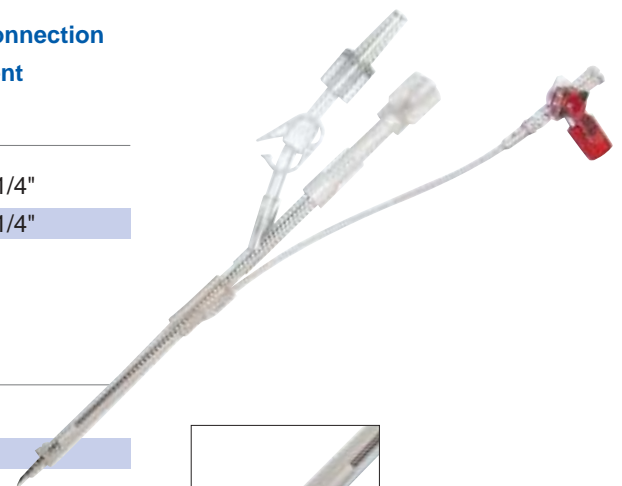
Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed

With vent line at the distal tip, with pressure monitoring line with protection system

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CA 16 VP	1.6 mm	11 Fr. (9ga)	LL-female	1/4"
CA 21 VP	2.1 mm	13 Fr. (7ga)	LL-female	1/4"



ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

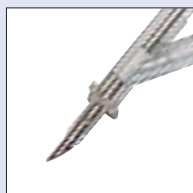
PACKAGING UNIT 20 pcs. / carton, sterile packed

CARDIOPLEGIA CANNULAE ANTEGRADE

With vent line at the proximal end, with protection system

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CA 16 V-V	1.6 mm	7 Fr. (16ga)	LL-female	1/4"
CA 21 V-V	2.1 mm	9 Fr. (14ga)	LL-female	1/4"
CA 25 V-V	2.5 mm	11 Fr. (12ga)	LL-female	1/4"



ACCESSORIES

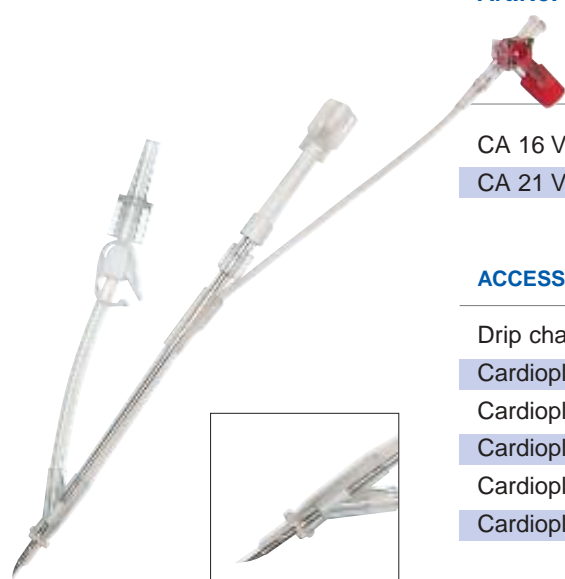
Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed

With vent line at the proximal end with protection system and pressure monitoring line

SPECIFICATIONS

Art.No.	Inner-Ø Tip	Outer-Ø Tip	Connection infusion lumen	Connection Vent
CA 16 VP-V	1.6 mm	11 Fr. (16ga)	LL-female	1/4"
CA 21 VP-V	2.1 mm	13 Fr. (14ga)	LL-female	1/4"



ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 20 pcs. / carton, sterile packed

CARDIOPLEGIA CANNULAE ANTEGRADE

Antegrade cardioplegia cannulae without introducer are available in a wide range of configurations. Multiple side holes allow optimal venting of the aorta.

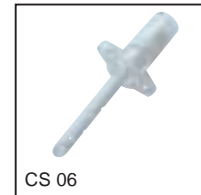
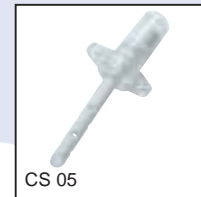
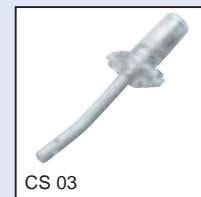
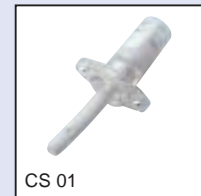
Examples for different tip versions

Inner-Ø : 1.5 mm

Outer-Ø : 8 Fr.

SPECIFICATIONS

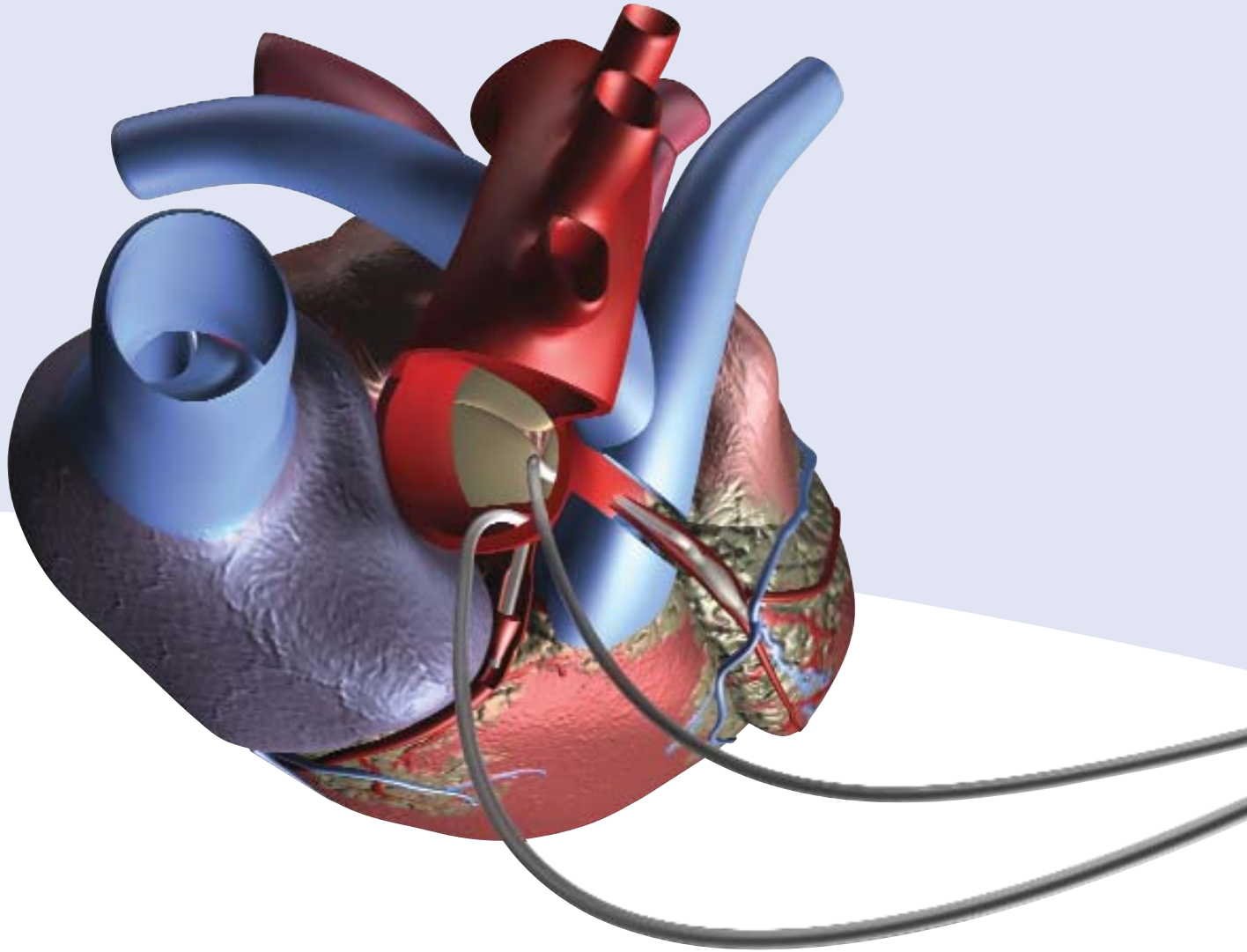
Art.No.	Tip	Tip end	Side holes	Length mm	Flange
CS 01	bent	blunt	4	15	closed
CS 02	bent	blunt	4	15	open
CS 03	bent	blunt	4	25	open
CS 04	bent	bevel	8	22	open
CS 05	bent	bevel	8	22	closed
CS 06	straight	bevel	8	22	closed
CS 07	straight	bevel	0	15	open
CS 08	bent	bevel	4	15	open
CS 09	straight	bevel	0	12	open



ACCESSORIES

Cardioplegia set crystalloid	P-0150
Drip chamber with plastic spike	P-0250
Cardioplegia set 4:1	P-0200
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100

PACKAGING UNIT 20 pcs. / carton, sterile packed



Product features:

- designed for direct coronary perfusion via the coronary ostia
- self-inflating or cone tip configurations available
- self-inflating balloon in various sizes from 4.0 mm to 9.0 mm
- cone tip in various sizes from 5.0 mm and to 7.5 mm
- straight and right-angled tip configurations
- female adaptor for 1/4" connector or a female luer-lock fitting
- excellent handling qualities and clinical use since the 1970's

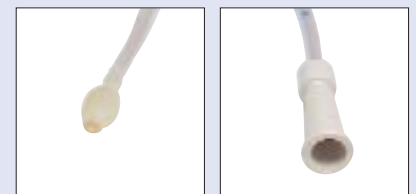
CORONARY PERFUSION CANNULAE

All balloon and ring tip cannulae are available with a straight or right-angle tip configuration and with either a proximal end female adaptor that accepts a 1/4" connector or a female luer-lock fitting.

Self-inflating balloon tip, straight, 1/4"

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
210800	1/4"	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
210801	1/4"	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
210802	1/4"	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
210803	1/4"	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
220797	1/4"	Soft	1.5 mm	2.1 mm	4.0 mm	27 cm
210810	1/4"	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
210811	1/4"	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
210812	1/4"	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
210813	1/4"	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm

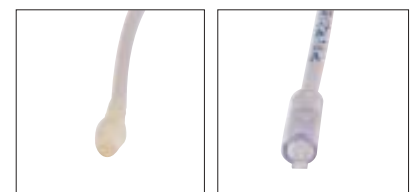


PACKAGING UNIT 10 pcs. / carton, sterile packed

Self-inflating balloon tip, straight, luer-lock

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
215800	Luer	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
215801	Luer	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
215802	Luer	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
215803	Luer	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
225797	Luer	Soft	1.5 mm	2.1 mm	4.0 mm	27 cm
215810	Luer	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
215811	Luer	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
215812	Luer	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
215813	Luer	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm



PACKAGING UNIT 10 pcs. / carton, sterile packed

Self-inflating balloon tip, right-angle, 1/4"

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
210804	1/4"	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
210805	1/4"	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
210806	1/4"	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
210807	1/4"	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
220897	1/4"	Soft	1.5 mm	2.1 mm	4.0 mm	27 cm
210814	1/4"	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
210815	1/4"	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
210816	1/4"	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
210817	1/4"	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm



PACKAGING UNIT 10 pcs. / carton, sterile packed

Self-inflating balloon tip, right-angle, luer-lock

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
215804	Luer	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
215805	Luer	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
215806	Luer	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
215807	Luer	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
225897	Luer	Soft	1.5 mm	2.1 mm	4.0 mm	27 cm
215814	Luer	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
215815	Luer	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
215816	Luer	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
215817	Luer	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



Cone tip, straight, 1/4"

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
230854	1/4"	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
230853	1/4"	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
230852	1/4"	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
230851	1/4"	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed

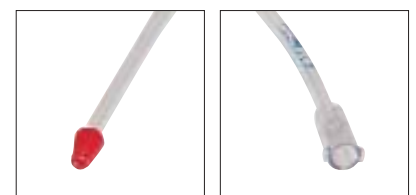


Cone tip, straight, luer-lock

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
235854	Luer	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
235853	Luer	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
235852	Luer	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
235851	Luer	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed



Cone tip, right-angle, 1/4"

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
230859	1/4"	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
230858	1/4"	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
230857	1/4"	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
230856	1/4"	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed

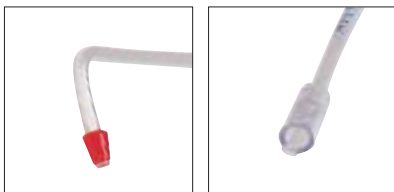


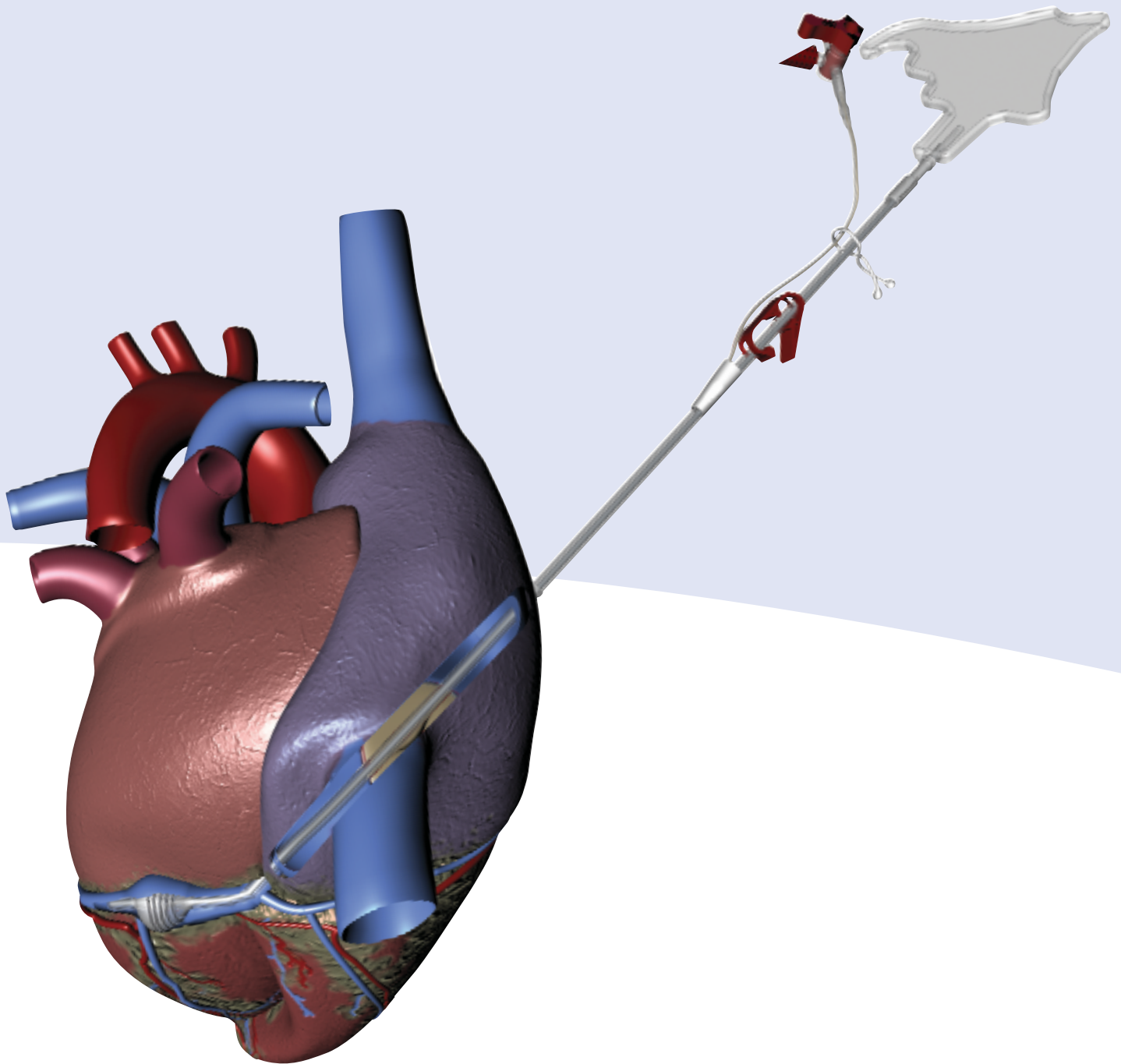
Cone tip, right-angle, luer-lock

SPECIFICATIONS

Art.No.	1/4"/Luer	Hard/Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
235859	Luer	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
235858	Luer	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
235857	Luer	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
235856	Luer	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm

PACKAGING UNIT 10 pcs. / carton, sterile packed





Product features:

- manual or automatic balloon inflation
- flexible or stiff stylet
- with or without ergonomic handle
- various smooth balloon shapes with or without textured surface
- short and long cannula
- malleable cannulae body
- polyurethane cannula and balloon
- 14 Fr tip diameter and 18 mm balloon outer diameter

CARDIOPLEGIA CANNULAE RETROGRADE

Retrograde cardioplegia cannulae are designed to infuse cardioplegia solution through the coronary sinus and available in self-inflating balloon and a manual inflation balloon versions. Administration of the cardioplegia solution through the primary lumen of the flexible catheter inflates the soft PUR balloon automatically.

The inflated balloon seals and fixes the catheter tip safely in the coronary sinus.

Pressure can be monitored at the catheter tip at any time via the secondary lumen.

The manual inflation version has a third lumen for filling the balloon manually.

With automatically inflating balloon and flexible stylet

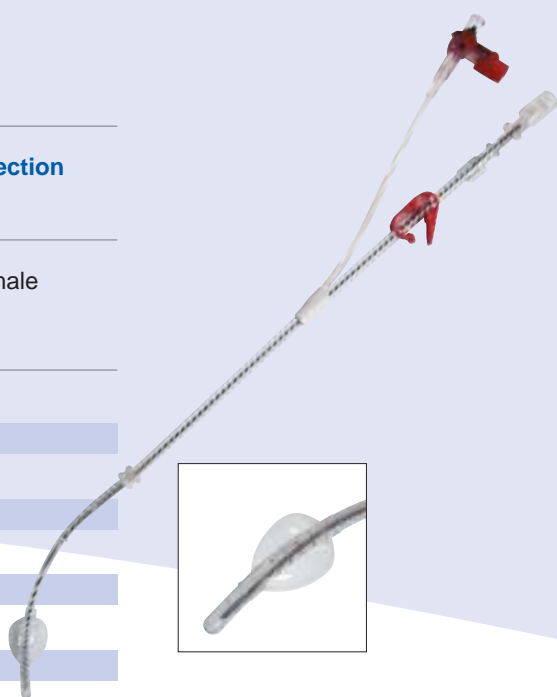
SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø balloon	Length-cannula	Connection
CR 14 A	14 Fr. (4.7mm)	18 mm	35 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed



With automatically inflating balloon and flexible stylet, with handle

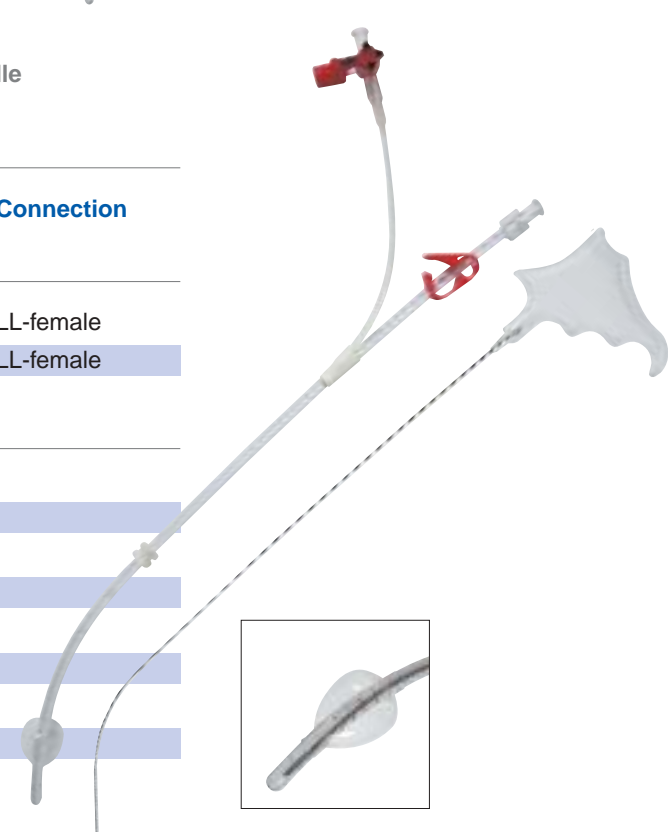
SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø balloon	Length-cannula	Connection
CRG 14 A	14 Fr. (4.7mm)	18 mm	35 cm	LL-female
CRGK 14 A	14 Fr. (4.7mm)	18 mm	28 cm	LL-female

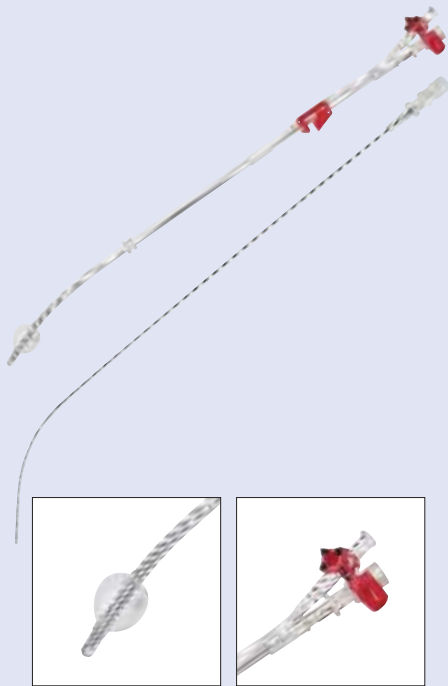
ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed



CARDIOPLEGIA CANNULAE RETROGRADE



With automatically inflating balloon and stiff stylet

SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø ballon	Length-cannula	Connection
CRS 14 A	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female
CRSK 14 A	14 Fr. (4.7 mm)	18 mm	28 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed

With automatically inflating balloon and stiff stylet, with handle

SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø ballon	Length-cannula	Connection
CRSG 14 A	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female
CRSGK 14 A	14 Fr. (4.7 mm)	18 mm	28 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed



CARDIOPLEGIA CANNULAE RETROGRADE

With automatically inflating, ribbed balloon and stiff stylet, with handle

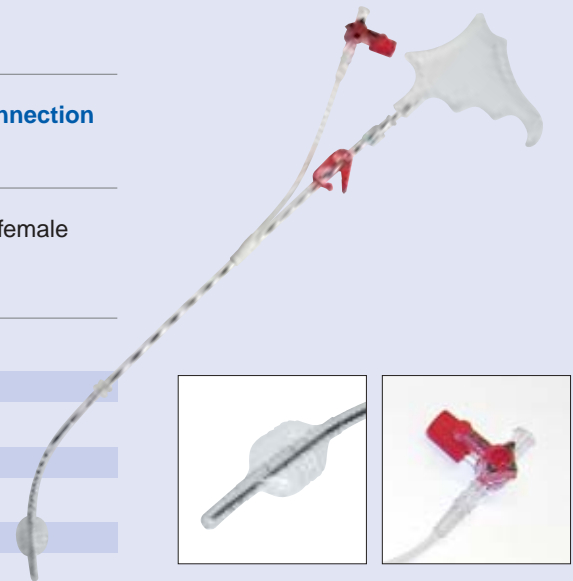
SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø ballon	Length-cannula	Connection
CRSG 14 A 15	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed



With automatically inflating, ribbed balloon, shapeable body and stiff stylet, with handle

SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø ballon	Length-cannula	Connection
CRSG 14 A 151	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed



CARDIOPLEGIA CANNULAE RETROGRADE

With manual inflation balloon and flexible stylet



SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø balloon	Length-cannula	Connection
CR 14 M	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed

With manual inflation balloon and stiff stylet, with handle

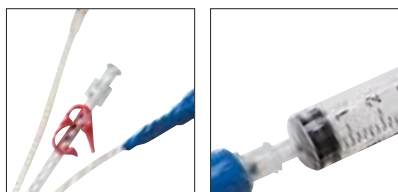
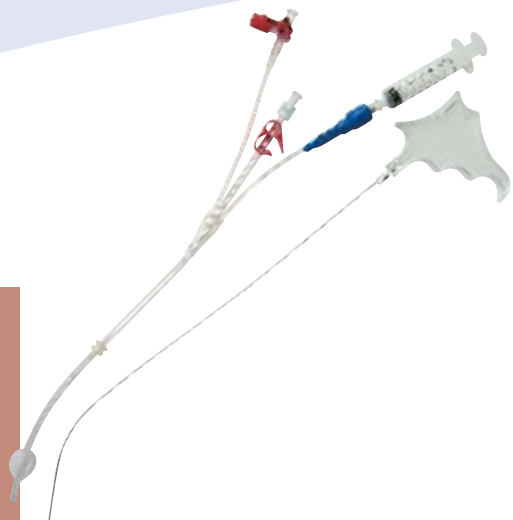
SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø balloon	Length-cannula	Connection
CRG 14 M	14Fr. (4.7 mm)	18 mm	35 cm	LL-female
CRGK 14 M	14Fr. (4.7 mm)	18 mm	28 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed



CARDIOPLEGIA CANNULAE RETROGRADE

With manual inflation balloon and stiff stylet

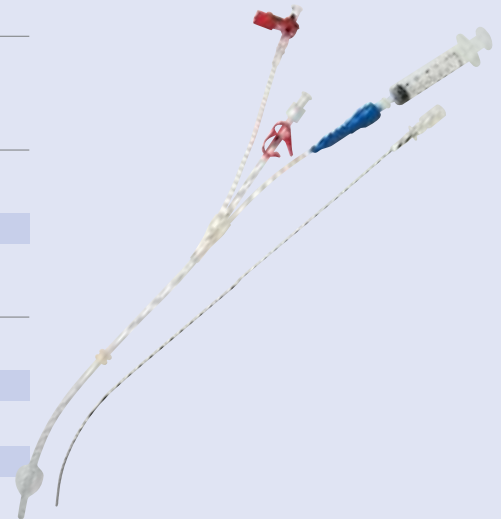
SPECIFICATIONS

Art.No.	Outer-Ø cannula	Outer-Ø balloon	Length-cannula	Connection
CRS 14 M	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female
CRSK 14 M*	14 Fr. (4.7 mm)	18 mm	28 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed * available on request



With manual inflation balloon and stiff stylet, with handle

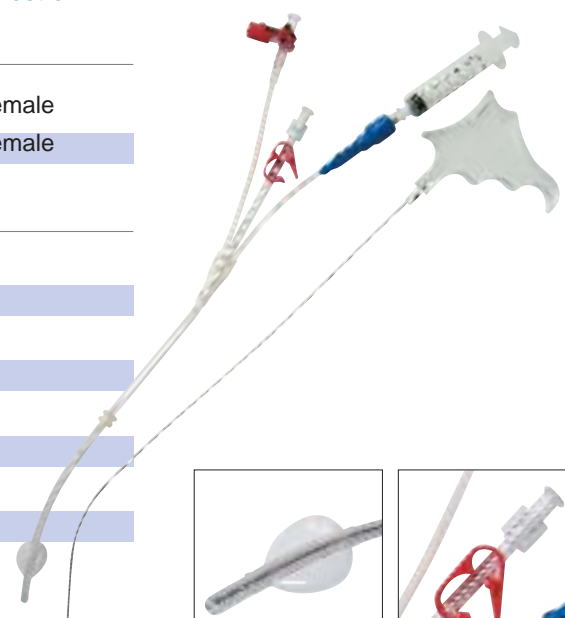
SPECIFICATIONS

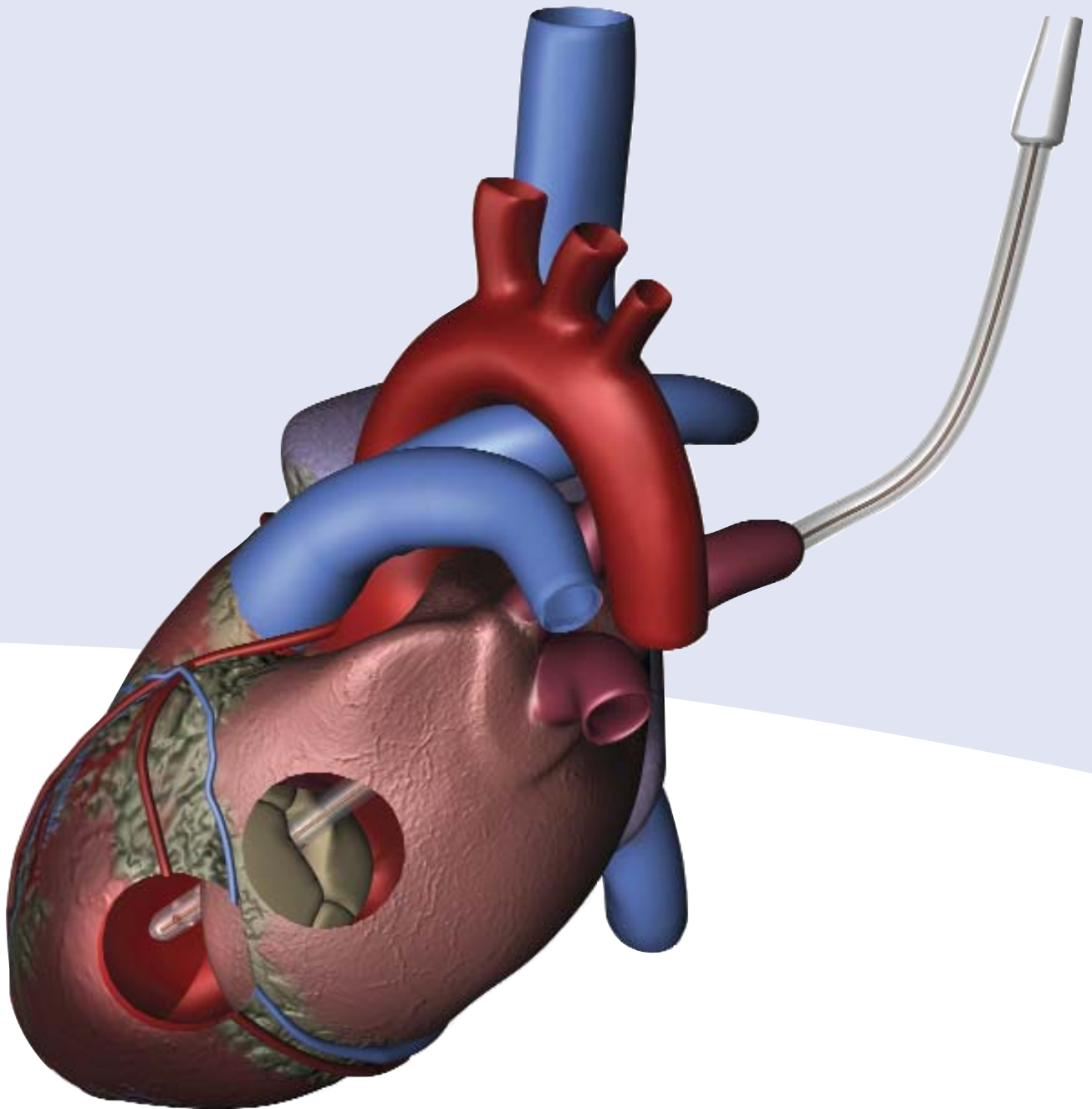
Art.No.	Outer-Ø cannula	Outer-Ø balloon	Length-cannula	Connection
CRSG 14 M	14 Fr. (4.7 mm)	18 mm	35 cm	LL-female
CRSGK 14 M*	14 Fr. (4.7 mm)	18 mm	28 cm	LL-female

ACCESSORIES

Drip chamber with plastic spike	P-0250
Cardioplegia Adapter 4-fold	P-0370
Cardioplegia Adapter straight	P-0340
Cardioplegia set with cooling coil	P-0100
Cardioplegia set crystalloid	P-0150
Cardioplegia set 4:1	P-0200

PACKAGING UNIT 5 pcs. / carton, sterile packed * available on request





Product features:

- designed for left heart venting during cardiopulmonary bypass
- wide variety of sizes from 8 Fr for neonates up to 20 Fr for adults
- multiple perforations with central opening or several side holes for effective drainage
- pre-bent or straight tips
- versions with flexible body and integrated stylet available
- special version with pre-mounted vacuum valve to prevent tissue damage
- 1/4" standard connection
- sucker with rigid or flexible body
- mini tip or fluted tip for effective suction
- ergonomically formed handle for comfortable handling
- pericardial (sump) sucker with metal tip

VENT CATHETERS

Vent catheters are used for venting of the left ventricle during cardiopulmonary bypass surgery. By selecting an adequate diameter, perforation length and tip model an appropriate catheter can be found for any particular application. The catheter tips have a central opening and several drainage openings. Left ventricular vents are inserted via the pulmonary vein, left atrium or cardiac apex.

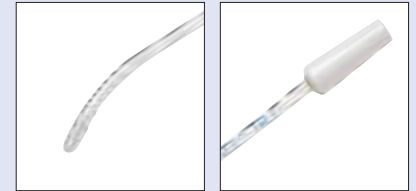
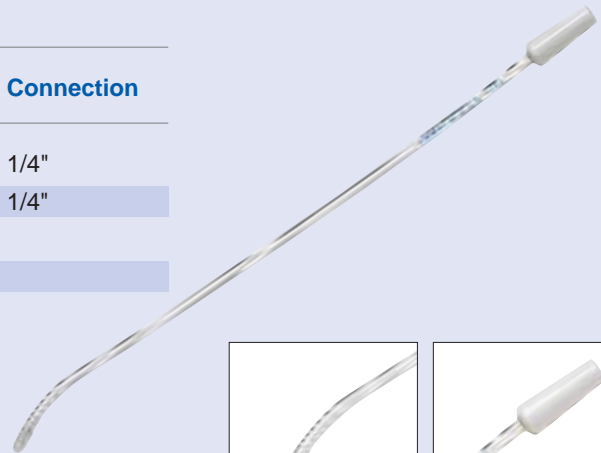
Vent with tip pre-bent at 45° for infants

Round tip allows smooth insertion.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LV 08	8 Fr. (2.6 mm)	23 cm	15 mm	1/4"
LV 12-45	12 Fr. (4.0 mm)	23 cm	15 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed

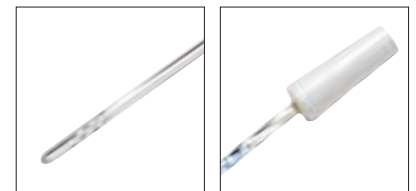


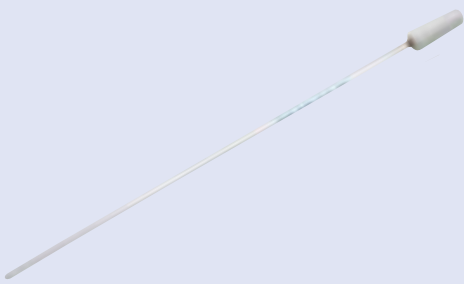
Vent with central opening for infants

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LV 08-01	8 Fr. (2.6mm)	23 cm	12 mm	1/4"
LV 10-02	10 Fr. (3.3mm)	30 cm	36 mm	1/4"
LV 12	12 Fr. (4.0mm)	25 cm	28 mm	1/4"
LV 14	14 Fr. (4.6mm)	25 cm	28 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed





Vent with central opening

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LV 18	18 Fr. (6.0 mm)	35 cm	50 mm	1/4"
LV 20-01	20 Fr. (6.7 mm)	40 cm	85 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



Vent with integrated stylet for easy insertion, with central opening

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LVS 08	8 Fr. (2.6 mm)	23 cm	22 mm	1/4"
LVS 12	12 Fr. (4.0 mm)	25 cm	36 mm	1/4"
LVS 14	14 Fr. (4.6 mm)	25 cm	36 mm	1/4"
LVS 18	18 Fr. (6.0 mm)	35 cm	55 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



Vent with wire-reinforcement and central opening

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
HKV 43 LR	16 Fr. (5.3 mm)	40 cm	18 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



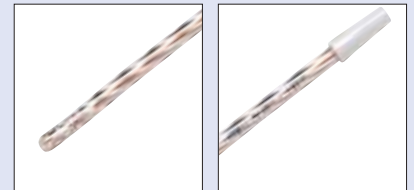
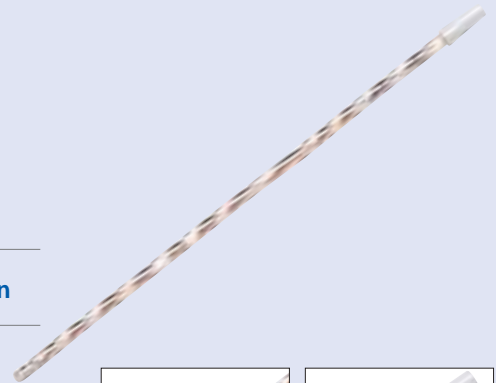
Vent, flexible, without central opening

Vent catheters with round tips allow smooth and gentle insertion through the pulmonary vein and the mitral valve. Several lateral openings allow optimal drainage. A special lateral metal reinforcement gives the surgeon the opportunity to bend the catheter to the required shape.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LVF 15	15 Fr. (5.0 mm)	32 cm	28 mm	1/4"
LVF 18	18 Fr. (6.0 mm)	35 cm	30 mm	1/4"
LVF 18 LP	18 Fr. (6.0 mm)	35 cm	55 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



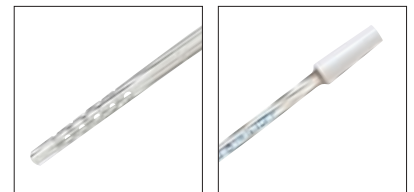
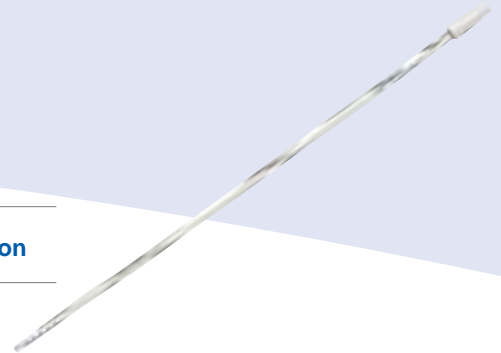
Vent, flexible, without central opening

With rounded tip for simple and gentle application and harder tubing material.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LVF 18 H	18 Fr. (6.0 mm)	30 cm	16 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



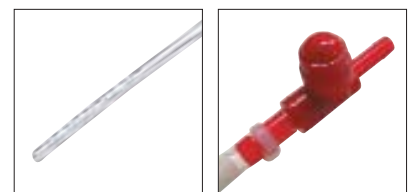
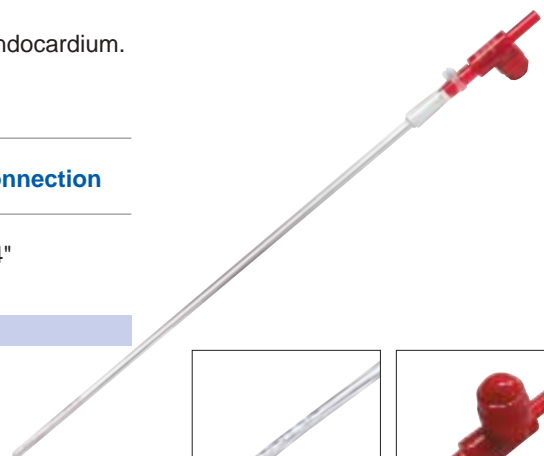
Vent with pre-mounted vacuum valve, without central opening

The vacuum valve prevents the vent from collapsing or sucking on the endocardium.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
LVF 18 LP-L	18 Fr. (6.0 mm)	35 cm	55 mm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



SUCTION DEVICES

Various sucker types are available depending on the anatomical and physiological conditions. They are developed to ensure easy and effective suction. Efficient removal of excessive fluid from the surgical site improves the working conditions. The tips are designed to prevent involuntary sucking to the vessel walls. Rigid suction devices allow handling without direct interference with the surgical site. Flexible suction devices are clamped to the surgical drapes covering the patient.

Rigid sucker

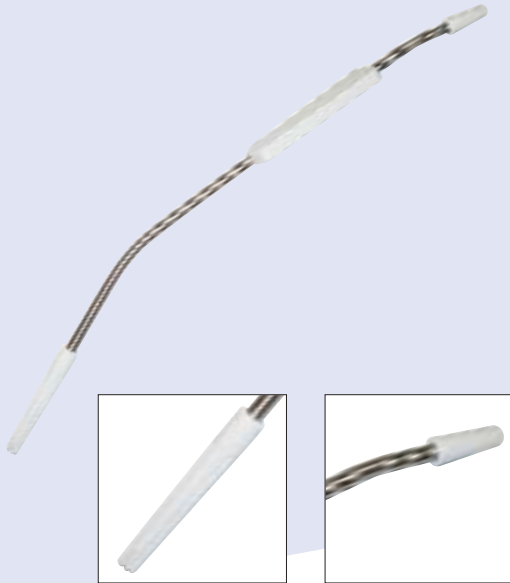
The suction device consists of a special steel tube with a ribbed tip and ergonomically formed handle.

** with restrictor

SPECIFICATIONS

Art.No.	Inner-Ø	Length	Connection
JS 49 R	4.9 mm	34 cm	1/4"
JS 49 RD**	4.9 mm	34 cm	1/4"

PACKAGING UNIT 20 pcs. / carton, sterile packed



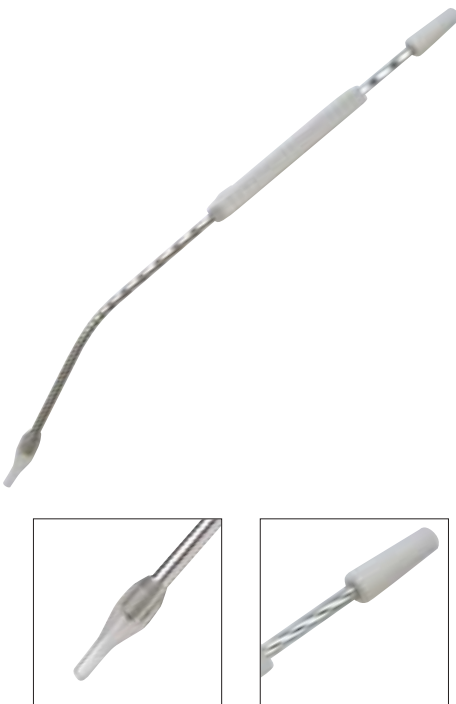
Rigid sucker with mini-tip

The suction device consists of a special steel tube with a soft tip and ergonomically formed handle. An additional opening in the handle facilitates control of suction.

SPECIFICATIONS

Art.No.	Inner-Ø	Length	Connection
JS 34 S	3.4 mm	27 cm	1/4"

PACKAGING UNIT 20 pcs. / carton, sterile packed



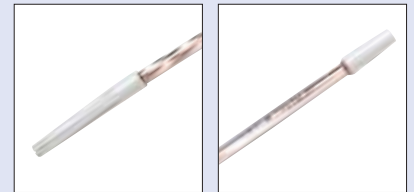
Malleable sucker

The sucker consists of a flexible PVC tube with a steel wire embedded in its wall. It is also has a ribbed tip. The wire allows the sucker to be bent into the desired form before insertion.

SPECIFICATIONS

Art.No.	Inner-Ø	Outer-Ø	Length	Connection
JS 45 FW	4.5 mm	27 Fr. (9.0 mm)	35 cm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



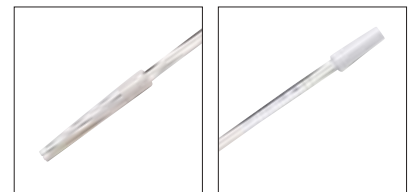
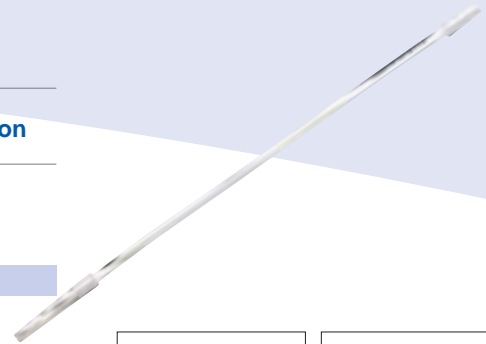
Flexible sucker

The sucker consists of a soft, flexible PVC tube with a ribbed tip.

SPECIFICATIONS

Art.No.	Inner-Ø	Outer-Ø	Length	Connection
JS 45 F	4.5 mm	27 Fr. (9.0 mm)	35 cm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



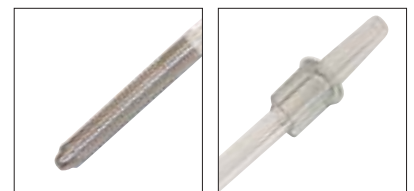
Pericardial sump sucker

This unique sucker consists of a soft, flexible PUR tube. The metal tip is always at the lowest point due to its weight. Therefore this sucker is particularly well-suited as sump sucker.

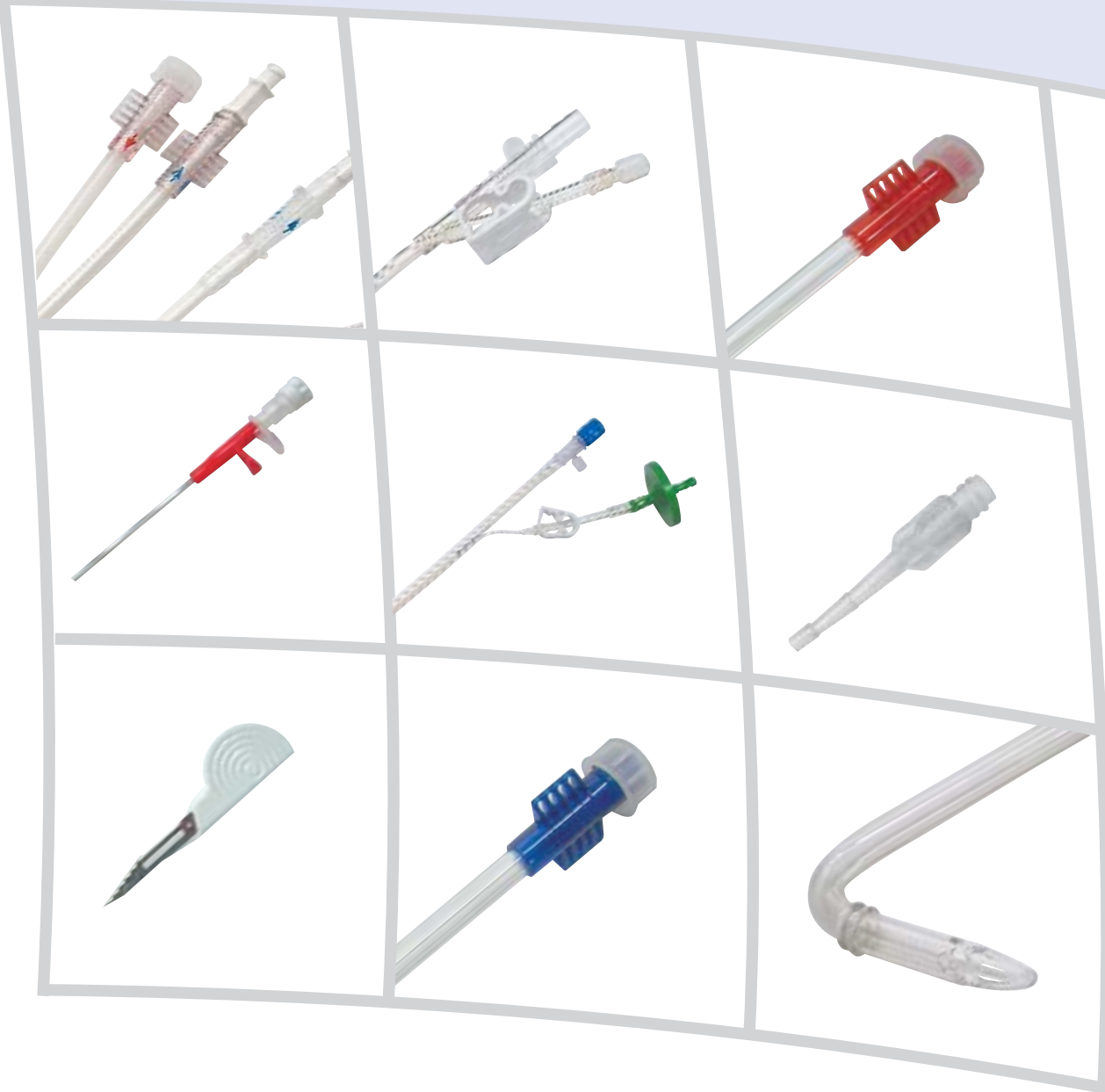
SPECIFICATIONS

Art.No.	Inner-Ø	Outer-Ø	Length	Connection
JS 39 ST	3.9 mm	20 Fr. (6.7mm)	35 cm	1/4"

PACKAGING UNIT 20 pcs./ carton, sterile packed



CATHETERS + CANNULAE
SPECIAL APPLICATION



PRESSURE MONITORING CATHETERS

The pressure monitoring catheter set is used for continuous post-operative measurement of the left arterial pressure. Two sizes in various lengths are available. Each catheter is equipped with a fixed 3-way stopcock and insertion stylet. An insertion kit is available as an option. The removable insertion stylet with a steel needle simplifies catheter insertion through the upper right pulmonary vein into the left atrium. The radiopaque catheter allows position control. The optional insertion kit containing a puncture cannula and makes insertion of the cannula using the Seldinger technique through the thoracic wall easier.

Pressure Monitoring Catheter

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Puncture Cannulae	Connection
LAP 1230	3.6 Fr. (1.2 mm)	30 cm	-	LL-Female
LAP 1251	3.6 Fr. (1.2 mm)	51 cm	-	LL-Female
LAP 1270	3.6 Fr. (1.2 mm)	70 cm	-	LL-Female
LAP 1751	5.0 Fr. (1.7 mm)	51 cm	-	LL-Female

PACKAGING UNIT 15 pcs. / case, sterile packed

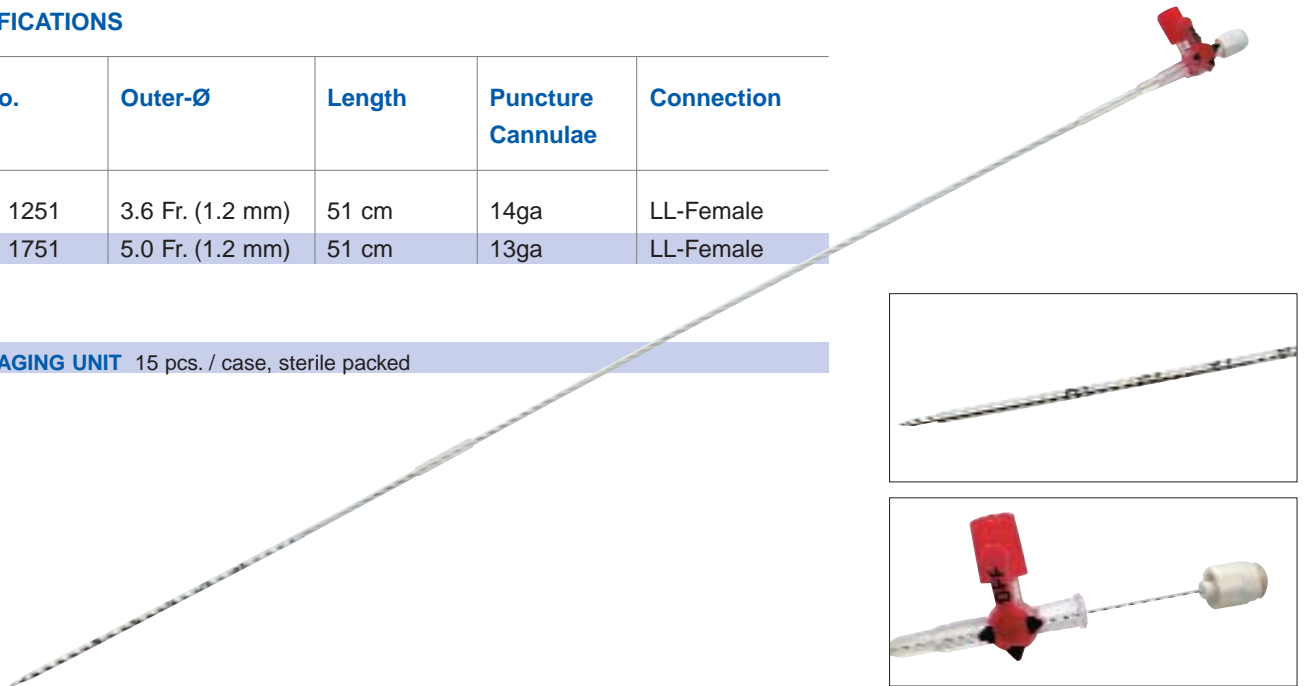
Pressure Monitoring Catheter with insertion kit

The insertion kit consists of a Seldinger puncture needle and a guide cannulae to simplify insertion through the thoracic wall.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Puncture Cannulae	Connection
KLAP 1251	3.6 Fr. (1.2 mm)	51 cm	14ga	LL-Female
KLAP 1751	5.0 Fr. (1.2 mm)	51 cm	13ga	LL-Female

PACKAGING UNIT 15 pcs. / case, sterile packed



ECMO CANNULAE FOR NEONATES

ECMO cannulae are used for extracorporeal membrane oxygenation (ECMO) in the treatment of respiratory insufficiency of neonates. The design of all Jostra ECMO cannulae ensures the most gentle blood flow possible. The cannulae are made of radiopaque polyurethane (PUR) to allow position control and biocompatibility during long insertion time.



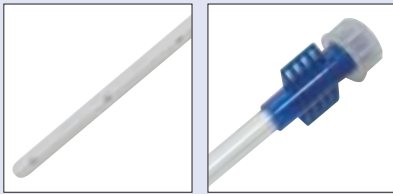
Cannulae for veno-arterial ECMO

Venous cannula made of PUR with dia-screw connector.

SPECIFICATIONS

Art.No.	Outer-Ø	Tip-Length	Perforation
EKV 1212 M	12 Fr. (4.0 mm)	120 mm	46 mm
EKV 1214 M	14 Fr. (4.7 mm)	120 mm	46 mm
EKV 1216 M	16 Fr. (5.4 mm)	120 mm	46 mm

PACKAGING UNIT 5 pcs. / case, sterile packed



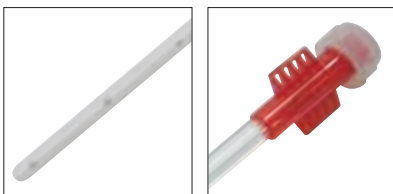
Cannulae for veno-arterial ECMO

Arterial cannula made of PUR with dia-screw connector.

SPECIFICATIONS

Art.No.	Outer-Ø	Tip-Length	Perforation
EKA 88 M	8 Fr. (2.7 mm)	80 mm	-
EKA 810 M	10 Fr. (3.3 mm)	80 mm	-
EKA 812 M	12 Fr. (4.0 mm)	80 mm	-
EKA 814 M	14 Fr. (4.7 mm)	80 mm	-

PACKAGING UNIT 5 pcs. / case, sterile packed



Cannulae for veno-venous ECMO

Single lumen cannula made of PUR with 1/4" connector.

SPECIFICATIONS

Art.No.	Outer-Ø	Tip-Length	Connection
M 101	12 Fr. (4.0 mm)	73 mm	1/4"

PACKAGING UNIT 5 pcs. / case, sterile packed



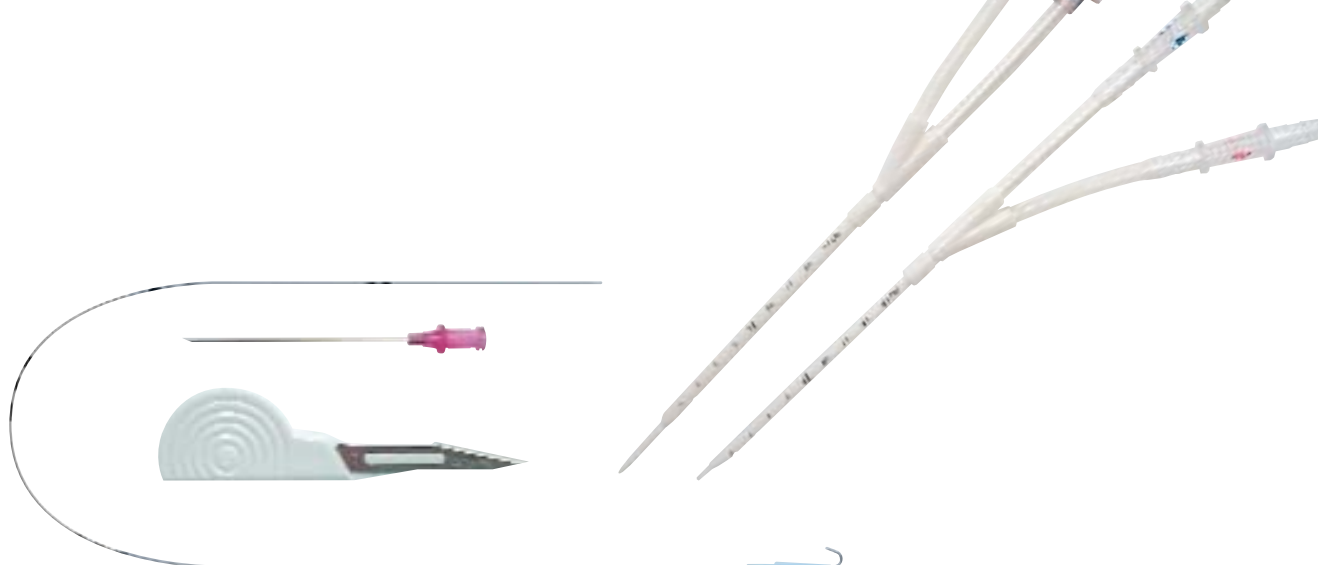
Cannulae for veno-venous ECMO

Double lumen cannula made of PUR with dia-screw (picture) or 1/4" connector.

SPECIFICATIONS

Art.No.	Outer-Ø	Tip-Length	Connection
M 1210	12 Fr. (4.0 mm)	100 mm	dia-screw
M 1510	15 Fr. (5.0 mm)	100 mm	dia-screw
M 1210 -88	12 Fr. (4.0 mm)	100 mm	1/4"
M 1510 -88	15 Fr. (5.0 mm)	100 mm	1/4"

PACKAGING UNIT 5 pcs. / case, sterile packed



THORACIC DRAINAGE CATHETERS

Thoracic drainage catheters are used for pericardial, mediastinal and pleural drainage to remove blood clots following cardiac surgery.



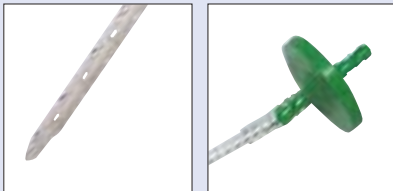
HAT catheter

The catheter consists of a unique double lumen design for drainage and venting. During post-operative autotransfusion a cardiotomy reservoir is used to create vacuum suction in the catheter. If a catheter is clogged it can easily and effectively be cleared by opening the clamp on the ventilation lumen. Blood clots no longer have to be manually removed for the benefit of both the patient and the nursing personnel.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
HAT 6 N	28 Fr. (9.3 mm)	50 cm	16 cm	3/8" LL

PACKAGING UNIT 50 pcs. / case, sterile packed



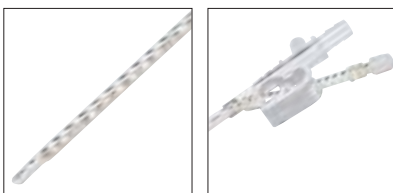
Thoracic rinse catheter

This catheter is used in cases of complications during thoracic drainage. It is designed to thoroughly rinse the concerned area.

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
TSK 3220 -91 B	20 Fr. (6.7 mm)	32 cm	-	3/8"

PACKAGING UNIT 20 pcs. / case, sterile packed



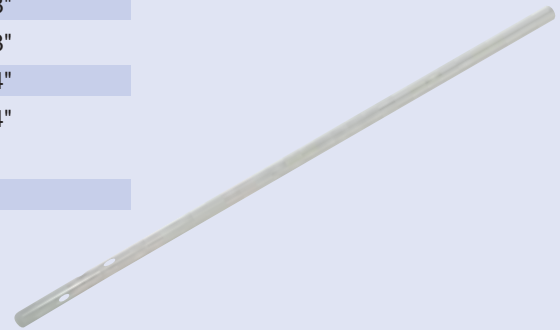
THORACIC DRAINAGE CATHETER

Thoracic drainage catheter

SPECIFICATIONS

Art.No.	Outer-Ø	Length	Perforation	Connection
HT 8	36 Fr. (12.0 mm)	50 cm	9.8 cm	3/8"
HT 8 -SL	36 Fr. (12.0 mm)	80 cm	19.8 cm	3/8"
HT 7 -SL	32 Fr. (10.7 mm)	80 cm	19.8 cm	3/8"
HT 6	28 Fr. (9.3 mm)	50 cm	9.8 cm	1/4"
HT 5	24 Fr. (8.0 mm)	50 cm	9.8 cm	1/4"

PACKAGING UNIT 20 pcs. / case, sterile packed



Vessel Cannula

For quick and safe integrity testing of blood vessels. The transparent and soft tip allows easy insertion.

SPECIFICATIONS

Art.No.	Outer Ø	Length	Tip	Rigid part	Connection
GK 03	9 Fr. (3.0 mm)	49 mm	straight	-	-
GK 03 S	9 Fr. (3.0 mm)	49 mm	bevel	-	-

PACKAGING UNIT 20 pcs. / carton, sterile packed



KING'S PORTAL VENOUS SHUNT CATHETERS

King's Portal Venous Shunt Catheters

The king's portal venous shunt is used for portal vein cannulation in connection with orthotopic liver transplantation. The design of the shunt tip maintains the shunt in position and away from the operative field and results in more consistent portal venous decompression.

King's Portal Venous Shunt Catheters

SPECIFICATIONS

Art.No.	Size in Fr.	Length
1924101	24	40 cm
1928101	28	40 cm
1932101	32	40 cm
1936101	36	40 cm

PACKAGING UNIT 10 pcs. / case, sterile packed



CARDIO KIT

Cardio Customized Catheter Kit

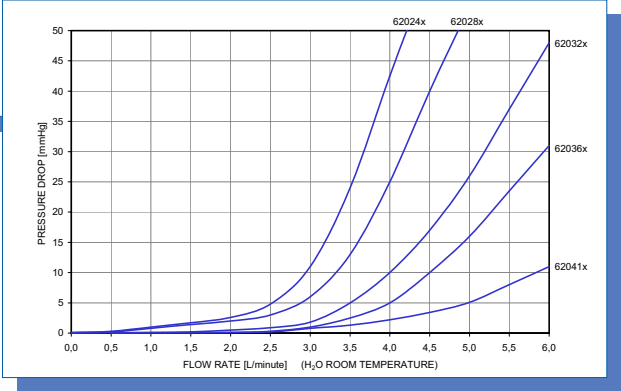
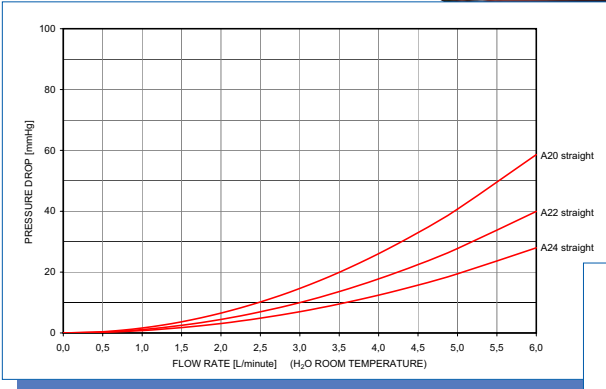
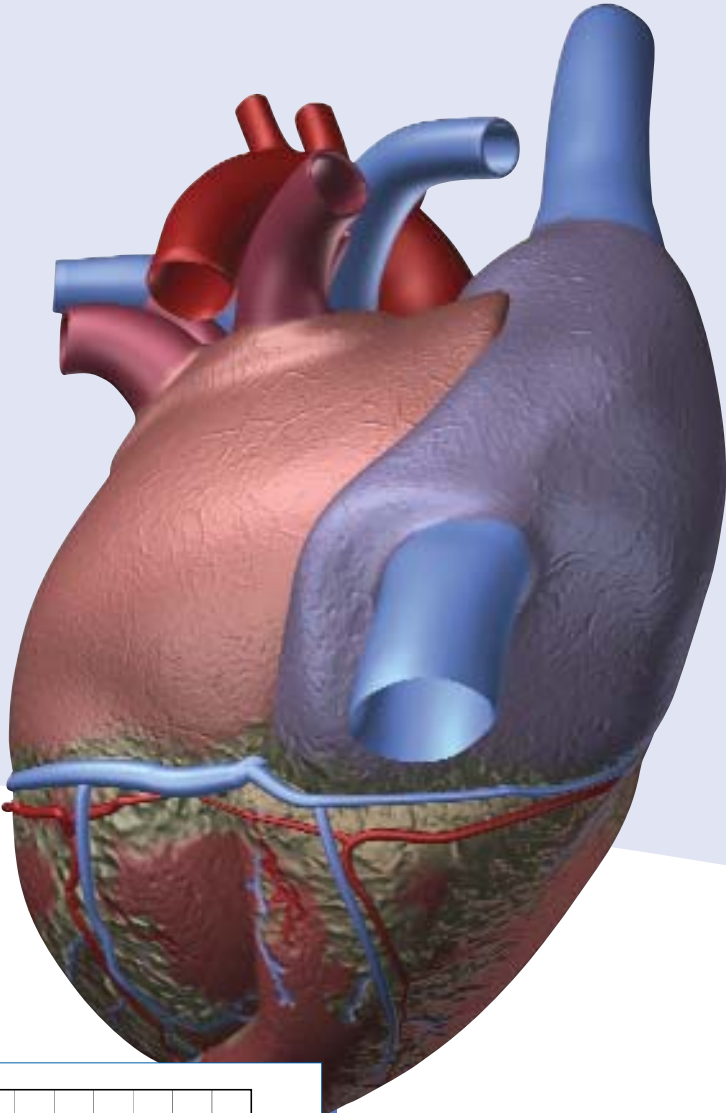
We can offer a wide range of customized catheter sets to meet individual clinical and surgical needs.

Advantages are:

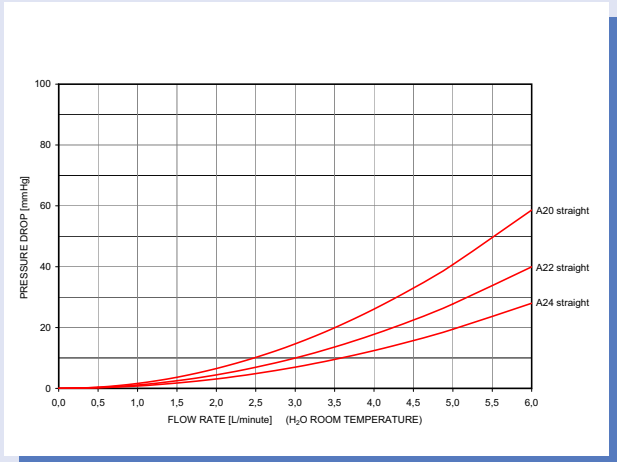
- Easy handling and time saving as all individually used catheters come in one package and are immediately available in the operation room.
- Easy ordering process and stock keeping using only one article number.
- Better economy due to less packaging material.

Cardio Kit

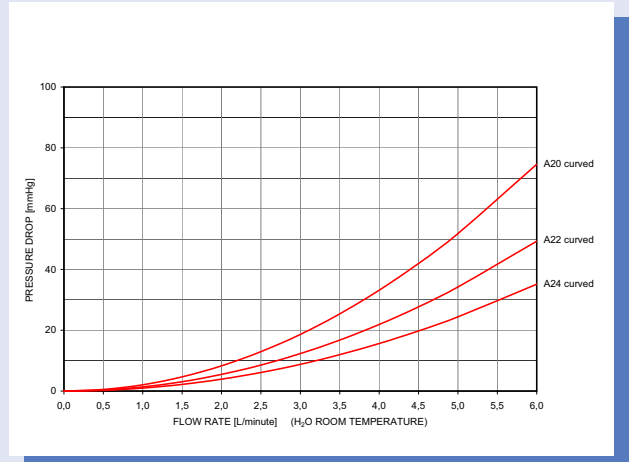




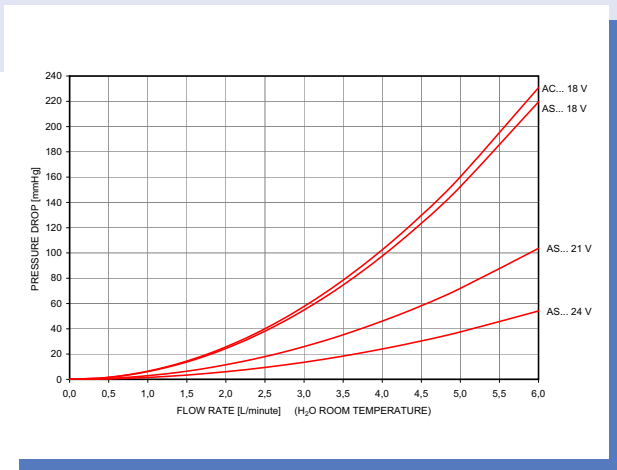
Arterial Cannulae Transminar Straight Tip



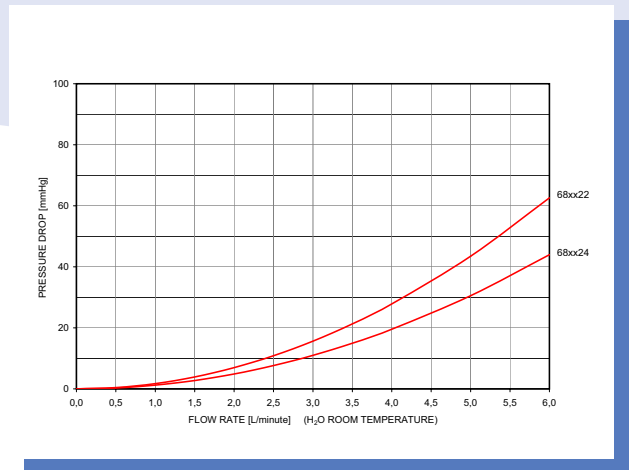
Arterial Cannulae Transminar Curved Tip



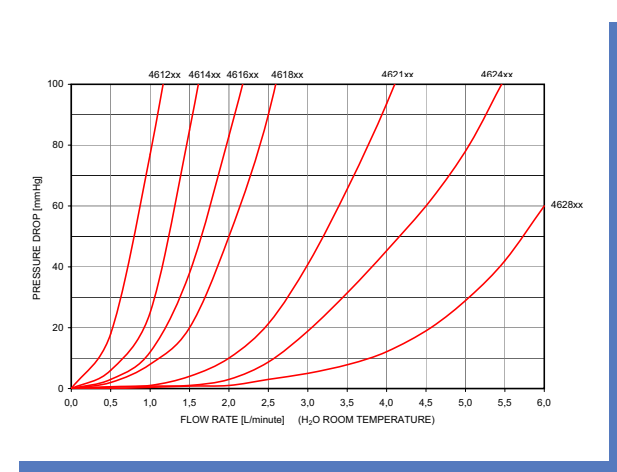
Arterial Cannulae, Straight Tip



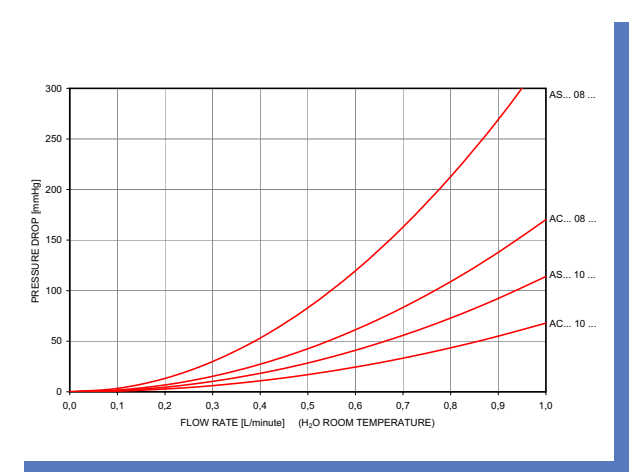
Arterial Cannulae, Curved Tip



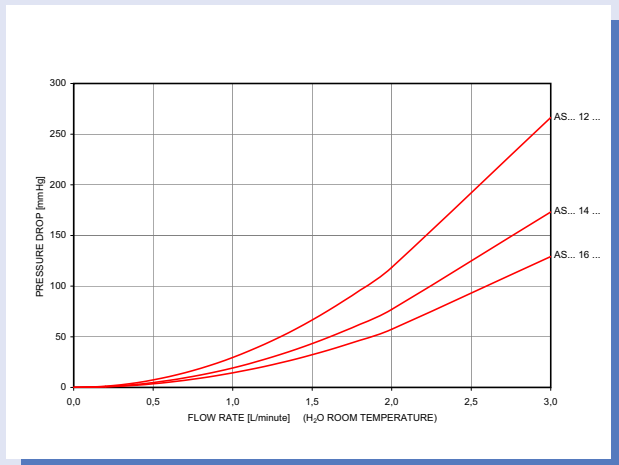
Arterial Cannulae non-reinforced, Straight Tip



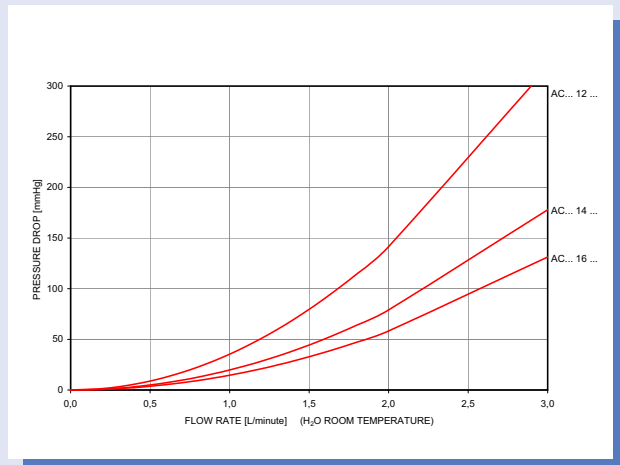
Arterial Cannulae Pediatric, Straight Tip



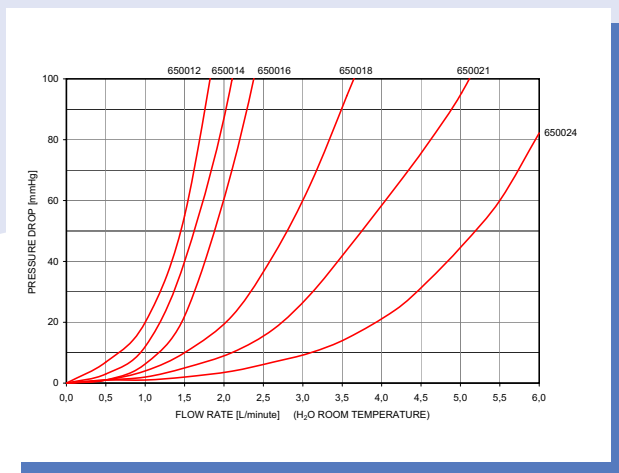
Arterial Cannulae Pediatric, Straight Tip



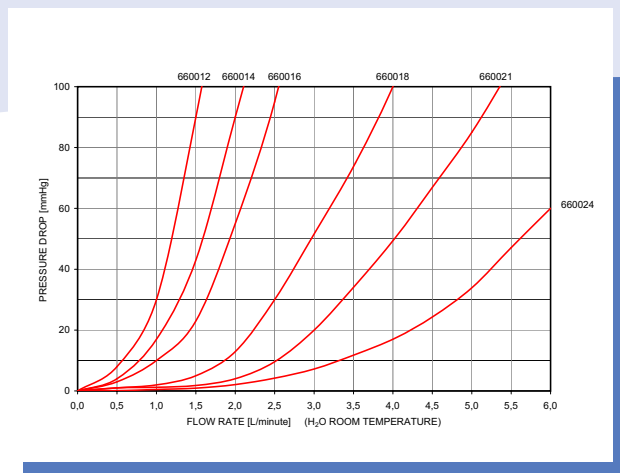
Arterial Cannulae Pediatric, Curved Tip



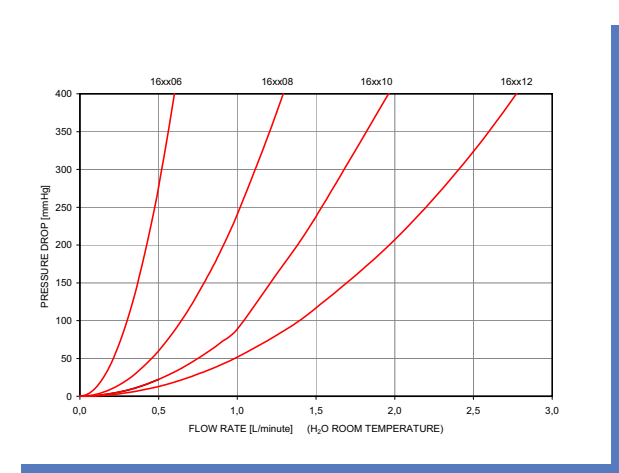
Arterial Cannulae Pediatric, Curved Tip



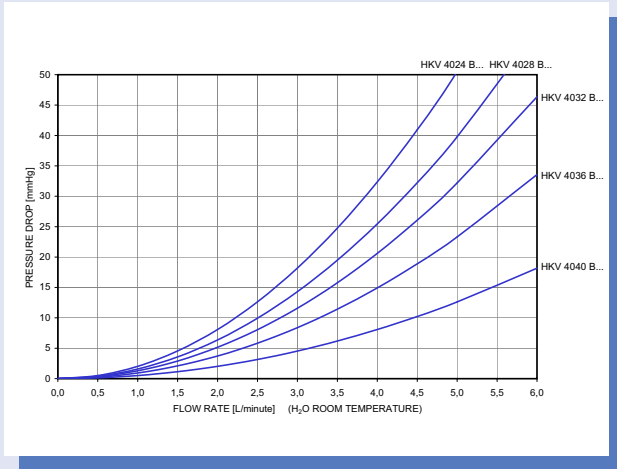
Arterial Cannulae Pediatric, Straight Tip



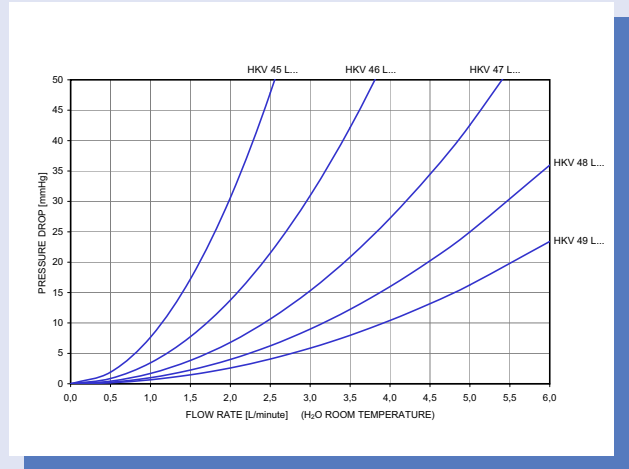
Arterial Cannulae Pediatric, Straight Tip



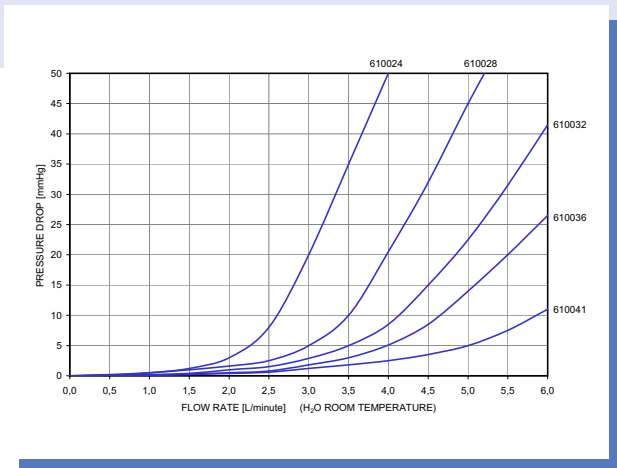
Single-Stage Adult, Bullet Tip



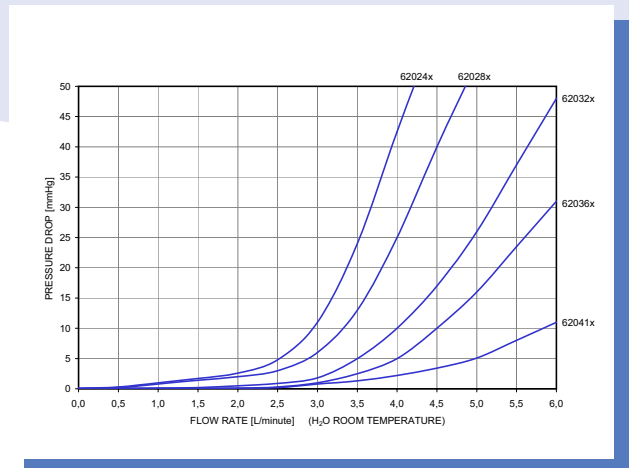
Single-Stage Adult, Lighthouse Tip



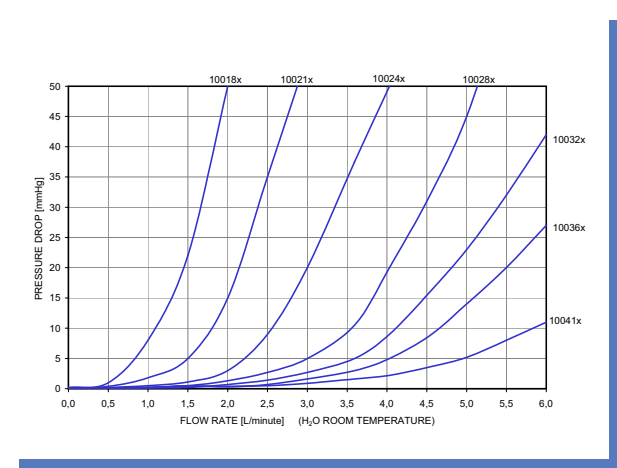
Single-Stage Full Lumen Tip Straight



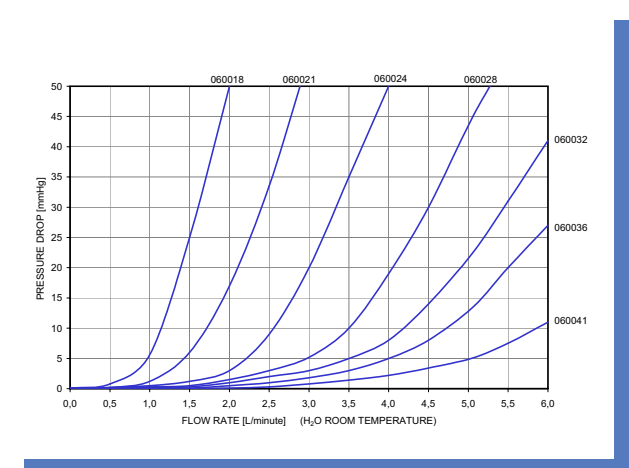
Single-Stage Full Lumen Tip Curved



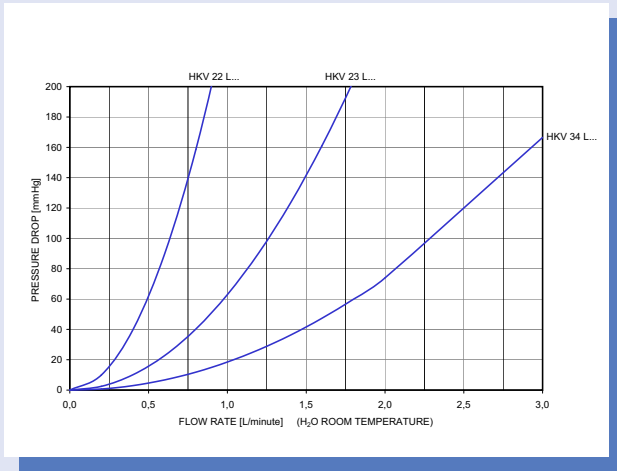
Single-Stage non-reinforced, Standard Tip Curved



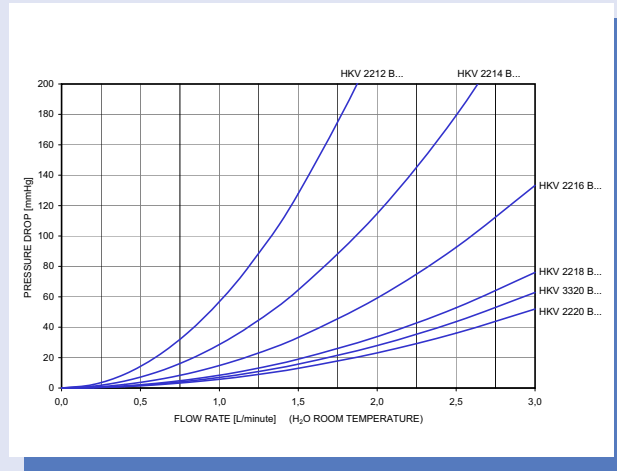
Single-Stage non-reinforced, Standard Tip Straight



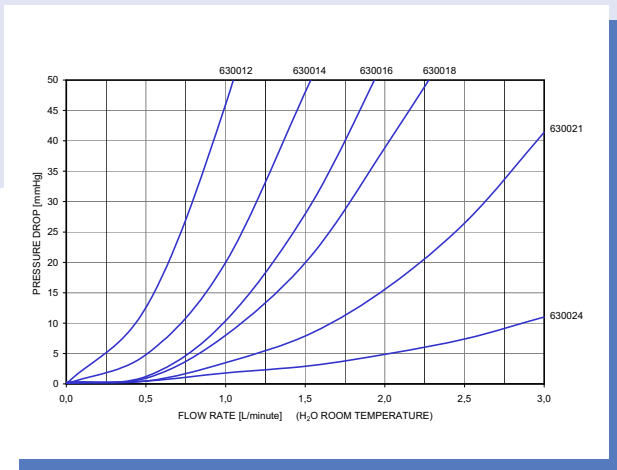
Single-Stage Pediatric, Lighthouse Tip



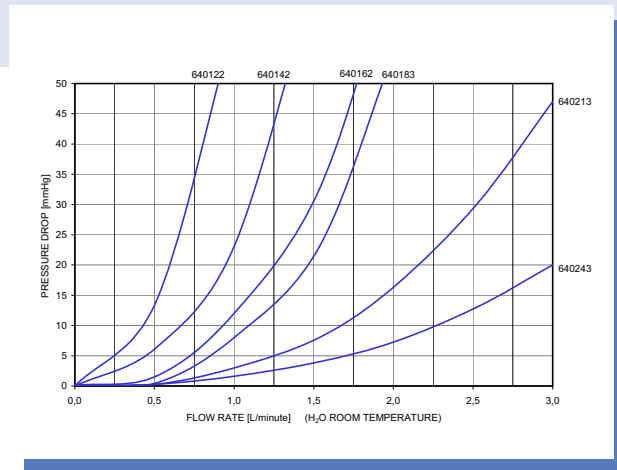
Single-Stage Pediatric, Bullet Tip



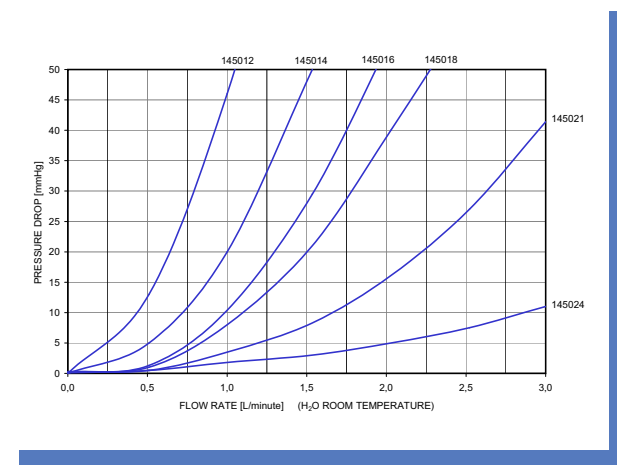
Pediatric Single-Stage Reinforced Full Lumen Tip Straight



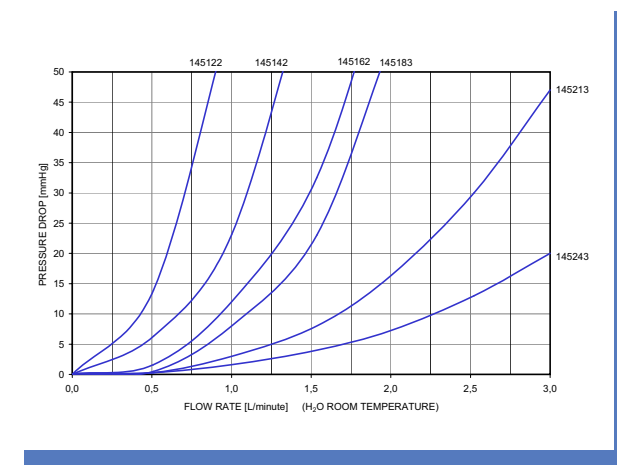
Pediatric Single-Stage Reinforced Full Lumen Tip Curved



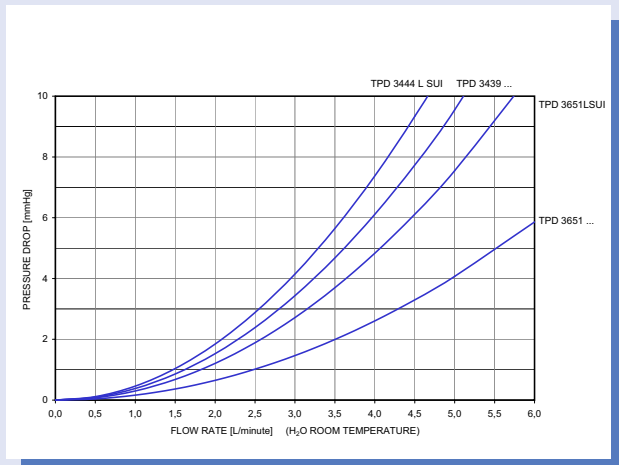
Pediatric Single-Stage non-reinforced Full Lumen Tip Straight



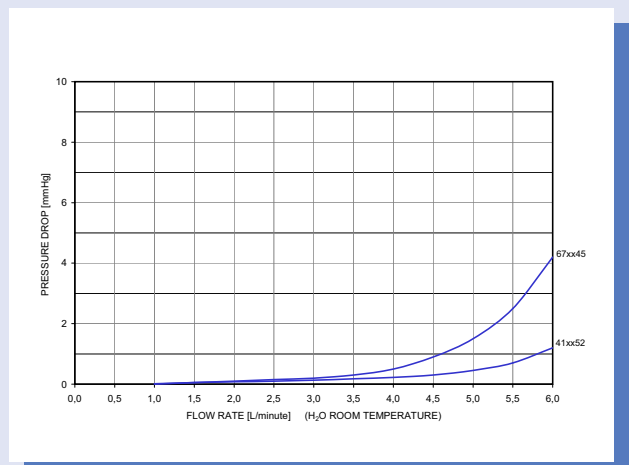
Pediatric Single-Stage non-reinforced Full Lumen Tip Curved



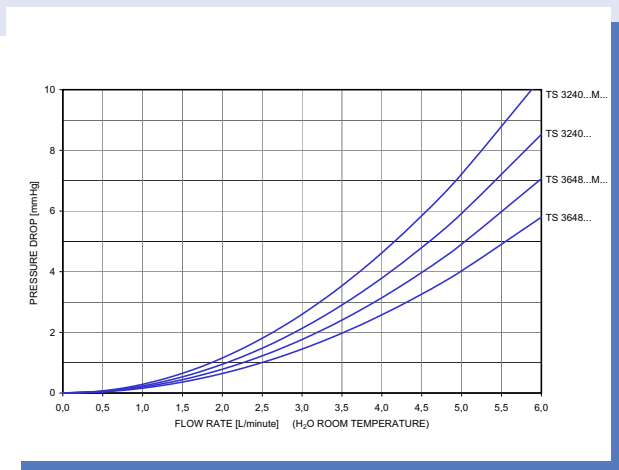
Two-Stage Catheters



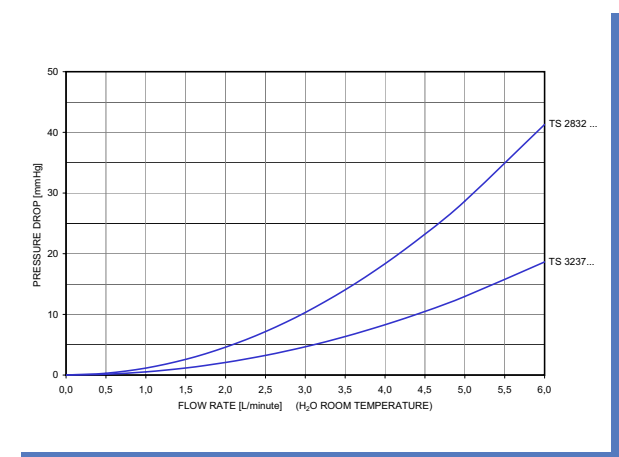
Two-Stage Catheters



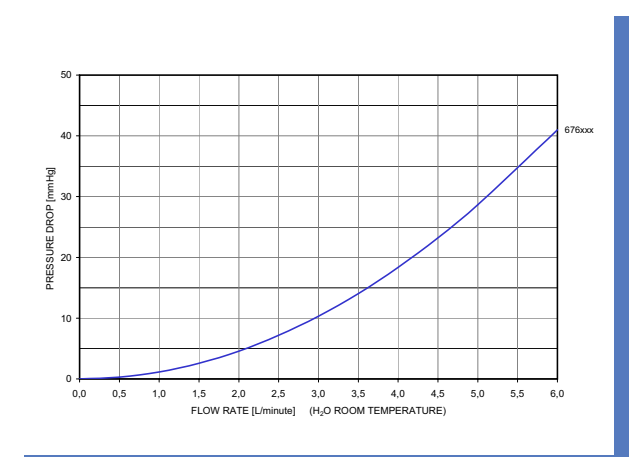
Two-Stage Catheters SLIM + ELLIPTIC



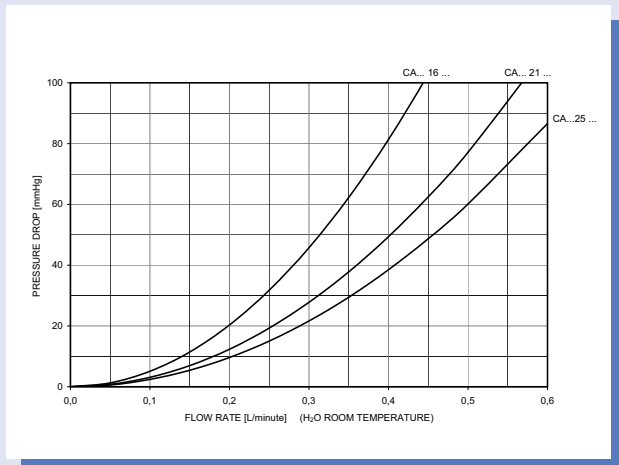
Two-Stage Catheters SLIM



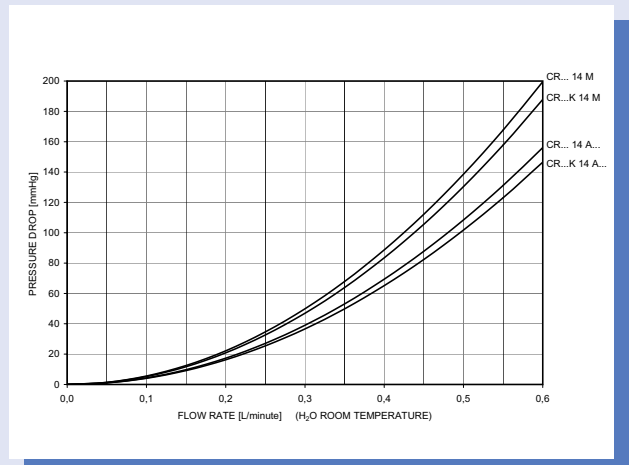
Two-Stage Catheters



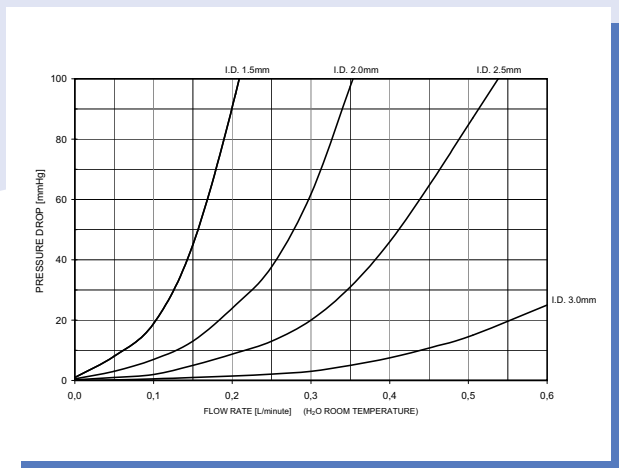
Antegrade Cardioplegia Cannulae



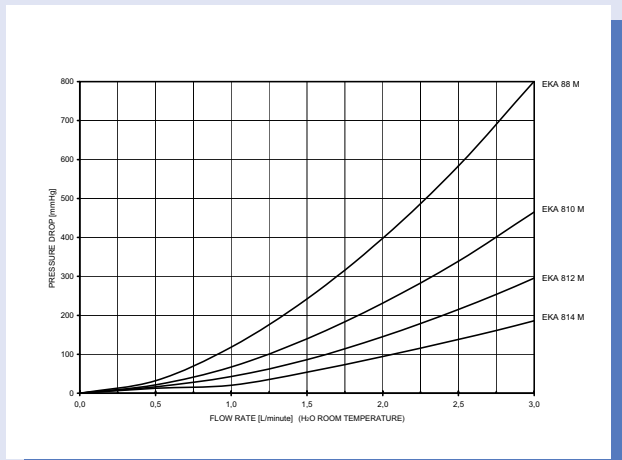
Retrograde Cardioplegia Cannulae



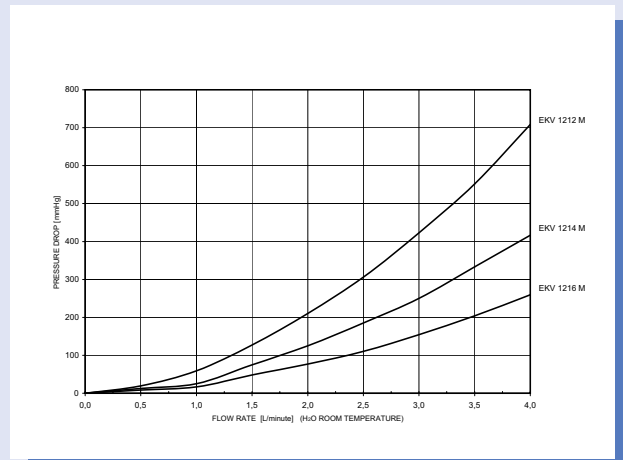
Coronary Perfusion Cannulae



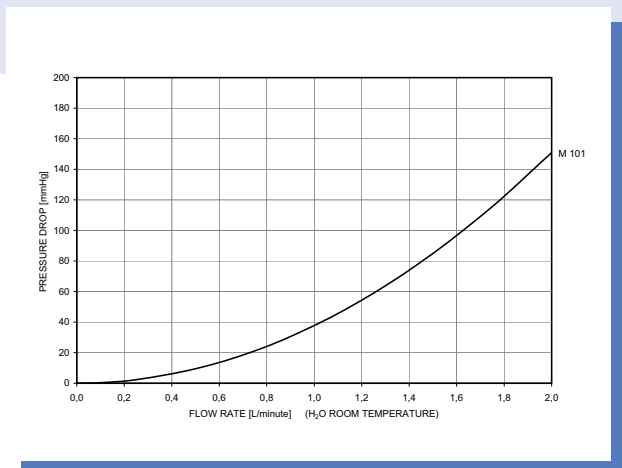
ECMO EKA Cannulae Arterial



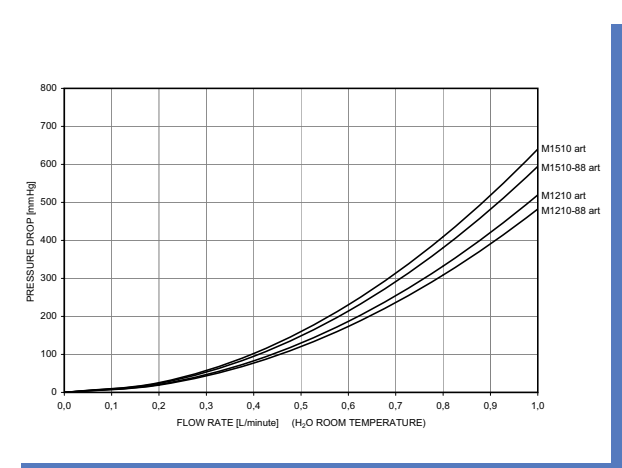
ECMO EKV Cannulae Venous



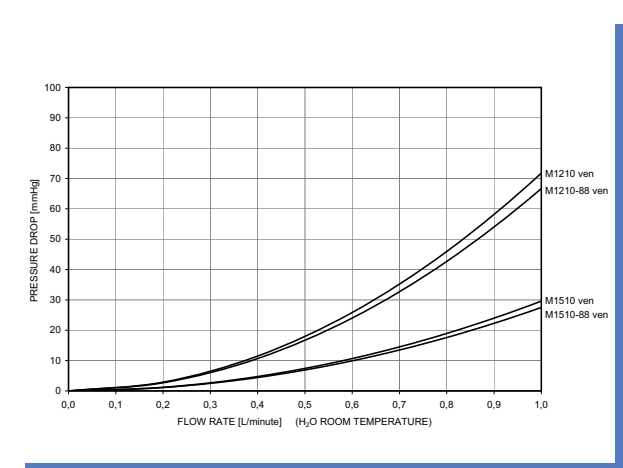
M 101 Cannulae



ECMO M 1210 + M 1510 Cannulae Arterial Lumen



ECMO M 1210 + M 1510 Cannulae Venous Lumen



Art.No.	Page
060018	28
060021	28
060024	28
060028	28
060032	28
060036	28
060041	28
100183	28
100184	28
100185	28
100213	28
100214	28
100215	28
100244	28
100245	28
100246	28
100285	28
100286	28
100287	28
100326	28
100327	28
100328	28
100365	28
100367	28
100368	28
100369	28
100417	28
100418	28
100419	28
145012	32
145014	32
145016	32
145018	32
145021	32
145024	32
145122	32
145142	32
145162	32
145183	32
145213	32
145243	32
161406	20
161408	20
161410	20

Art.No.	Page
161412	20
163606	20
163608	20
163610	20
163612	20
210800	61
210801	61
210802	61
210803	61
210804	62
210805	62
210806	62
210807	62
210810	61
210811	61
210812	61
210813	61
210814	62
210815	62
210816	62
210817	62
215800	61
215801	61
215802	61
215803	61
215804	62
215805	62
215806	62
215807	62
215810	61
215811	61
215812	61
215813	61
215814	62
215815	62
215816	62
215817	62
230851	63
230852	63
230853	63
230854	63
230856	64
230857	64
230858	64

Art.No.	Page
A20-0101	7
A20-0105	7
A20-0106	8
A20-0107	8
A20-2101	8
A20-2105	9
A20-2106	9
A20-2107	9
A20-5105	10
A20-5106	10
A20-5107	10
A20-7101	11
A20-7105	11
A20-7106	12
A20-7107	11
A22-0101	7
A22-0105	7
A22-0106	8
A22-0107	8
A22-2101	8
A22-2105	9
A22-2106	9
A22-2107	9
A22-5105	10
A22-5106	10
A22-5107	10
A22-7101	11
A22-7105	11
A22-7106	12
A22-7107	11
A20-0101	7
A20-0105	7
A20-0106	8
A20-0107	8
A20-2101	8
A20-2105	9
A20-2106	9
A20-2107	9
A20-5105	10
A20-5106	10
A20-5107	10
A20-7101	11
A20-7105	11
A20-7106	12
A20-7107	11

Art.No.	Page
ACR 0890 V	18
ACR 1090 V	18
ACR 1290 V	18
ACR 1490 V	18
ACR 1690 V	18
ACR 1890 V	18
AS 08 V	18
AS 10 V	18
AS 12 V	18
AS 14 V	18
AS 16 V	18
AS 18 V	13
AS 18 V-84	13
AS 18 V-85 A	14
AS 18 V-85 B	14
AS 21 V	13
AS 21 V-84	13
AS 21 V-85 A	14
AS 21 V-85 B	14
AS 24 V	13
AS 24 V-84	13
AS 24 V-85 A	14
AS 24 V-85 B	14
ASR 08 V	18
ASR 10 V	18
ASR 12 V	18
ASR 14 V	18
ASR 16 V	18
ASR 18 V	18
CA 16	54
CA 16 V	55
CA 16 VP	55
CA 16 VP-V	56
CA 16 V-V	56
CA 21	54
CA 21 V	55
CA 21 VP	55
CA 21 VP-V	56
CA 21 V-V	56
CA 25	54
CA 25 V	55
CA 16 V-V	56
CAS 16	51
CAS 16 V	52

Art.No.	Page
CAS 16 VP	52
CAS 16 VP-V	52
CAS 16 V-V	53
CAS 21	51
CAS 21 V	52
CAS 21 VP	52
CAS 21 VP-V	53
CAS 21 V-V	53
CAS 25	51
CAS 25 V	52
CAS 25 V-V	53
CR 14 A	67
CR 14 M	70
CRG 14 A	67
CRG 14 M	70
CRGK 14 A	67
CRGK 14 M	70
CRS 14 A	67
CRS 14 M	70
CRSG 14 A	68
CRSG 14 A 15	69
CRSG 14 A 151	69
CRSG 14 M	70
CRSGK 14 A	68
CRSGK 14 M	70
CRSK 14 A	68
CRSK 14 M	70
CS 01	57
CS 02	57
CS 03	57
CS 04	57
CS 05	57
CS 06	57
CS 07	57
CS 08	57
CS 09	57
EKA 810 M	84
EKA 812 M	84
EKA 814 M	84
EKA 88 M	84
EKV 1212 M	84
EKV 1214 M	84
EKV 1216 M	84
HAT 6 N	86

Art.No.	Page
HK 34 SN	16
HK 35 SN	16
HK 36 PB-91 V	16
HK 36 SN	16
HK 36 SN 1103	16
HK 36 SS 90 V	15
HK 37 SN	16
HK 44 P	28
HK 45 P	28
HK 45 SE	15
HK 45 SH 91 V	15
HK 46 P	28
HK 46 PB	15
HK 46 SE	15
HK 46 SE 90 V	15
HK 46 SH 91 V	16
HK 47 P	28
HK 47 SE-84 V	15
HK 47 SF	15
HK 47 SH-85 V	16
HK 48 P	28
HK 49 P	28
HKV 22 L	29
HKV 22 L 90	31
HKV 22 P	30
HKV 22 P 90	31
HKV 2212 B	29
HKV 2212 B 90	30
HKV 2214 B	29
HKV 2214 B 90	30
HKV 2216 B	29
HKV2216 B 90	30
HKV 2218 B	29
HKV 2218 B 90	30
HKV 2220 B	29
HKV 2220 B 90	30
HKV 23 L	29
HKV 23 L 90	31
HKV 23 P	30
HKV 23 P 90	31
HKV 3320 B	29
HKV 3320 B 90	30
HKV 34 L	29
HKV 34 L 90	31

Art.No.	Page
HKV 34 P	30
HKV 34 P 90	31
HKV 4024 B	23
HKV 4024 B 90	25
HKV 4028 B	23
HKV 4028 B 90	25
HKV 4032 B	23
HKV 4032 B 90	25
HKV 4036 B	23
HKV 4036 B 90	25
HKV 4040 B	23
HKV 4040 B 90	25
HKV 43 LR	76
HKV 45 L	23
HKV 45 L 90	25
HKV 45 P	24
HKV 46 L	23
HKV 46 L 90	25
HKV 46 P	24
HKV 47 L	23
HKV 47 L 90	25
HKV 47 P	24
HKV 48 L	23
HKV 48 L 90	25
HKV 48 P	24
HKV 49 L	23
HKV 49 L 90	25
HKV 49 P	24
HT 5	87
HT 6	87
HT 7-SL	87
HT 8	87
HT 8-SL	87
JS 34 S	78
JS 39 ST	79
JS 45 F	79
JS 45 FW	79
JS 49 R	78
JS 49 RD	78
KLAP 1251	83
KLAP 1751	83
LAP 1230	83

Art.No.	Page
LAP 1251	83
LAP 1270	83
LAP 1751	83
LV 08	75
LV 08-01	75
LV 10-02	75
LV 12	75
LV 12-45	75
LV 14	75
LV18	76
LV 20-01	76
LVF 15	77
LVF 18	77
LVF 18 H	77
LVF 18 LP	77
LVF 18 LP-L	77
LVS 08	76
LVS 12	76
LVS 14	76
LVS 18	76
M 101	85
M 1210	85
M 1210-88	85
M 1510	85
M 1510-88	85
T 3439 B	37
T 3651 B	37
TP 3439 B	38
TP 3439 B-86	38
TP 3651 B	38
TP 3651 B-86	38
TPD 3439 B	39
TPD 3439 B-86	39
TPD 3439 B S1	39
TPD 3439 B-86 S1	39
TPD 3439 B-87	39
TPD 3439 B-87 S1	39
TPD 3444 L-SUI	40
TPD 3651 B	39
TPD 3651 B-86	39
TPD 3651 B-86-KS	39
TPD 3651 B-87	39

Art.No.	Page
TPD 3651 B 90	40
TPD 3651 B-KS	39
TPD 3651 B S1	39
TPD 3651 L	40
TPD 3651 L-SUI	40
TS 2832 B	42
TS 2832 B-84	43
TS 2832 B-85	44
TS 2832 L	44
TS 2832 L-84	45
TS 3237 B	42
TS 3237 B-84	43
TS 3237 B-85	44
TS 3237 L	44
TS 3237 L-84	45
TS 3240 B-86	42
TS 3240 B-87	43
TS 3240 B	42

Art.No.	Page
TS 3240 B M	46
TS 3240 L 120	45
TS 3240 L-86	45
TS 3240 L-86 M	47
TS 3240 L-87 M	47
TS 3240 L	44
TS 3240 L M	46
TS 3648 B-86	43
TS 3648 B-87	43
TS 3648 B	42
TS 3648 B M	46
TS 3648 L-86 M	41
TS 3648 L-86	45
TS 3648 L-87 M	47
TS 3648 L	44
TS 3648 L M	46
TSK 3220-91 B	86

MAQUET

MAQUET Cardiopulmonary AG
Hechinger Strasse 38
D-72145 Hirrlingen, Germany
Phone: +49(0) 7478 921-0
Fax: +49(0) 7478 921-100
info@maquet-cp.com
www.maquet.com

For local contact:

Please visit our website
www.maquet.com

GETINGE

GETINGE GROUP is a leading global provider of equipment and systems that contributes to quality enhancement and cost efficiency within, healthcare and life sciences. Equipment, services and technologies are supplied under the brands ARJO for patient hygiene, patient handling and wound care, GETINGE for infection control and prevention within healthcare and life science and MAQUET for Surgical Workplaces, Cardiopulmonary and Critical Care.