

Mac ViC CATALOGUE 2024



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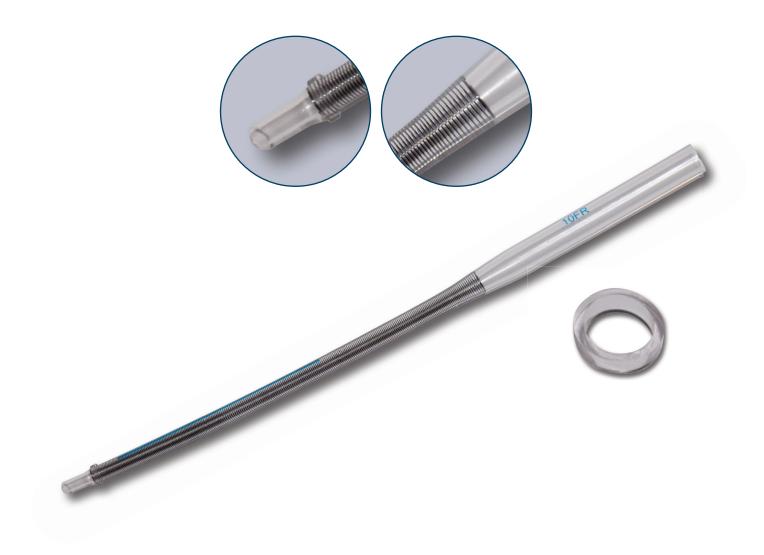
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Straight Arterial Cannula with Flexible Ring

Features & Benefits

- One Piece Wire Wound Body
- Cannula intended for perfusion of the ascending aorta during cardiopulmonary bypass
- Adjustable suture ring

- Kink-resistant
- Tapered towards the end
- Beveled straight tip with orientated line
- Overall length of a cannula is 8.26 inches (21cm)



Connection Site: 1/4

Product Code	Size
2400108	8FR
2400110	10FR
2400112	12FR
2400114	14FR
2400116	16FR

Product Code	Size
2400118	18FR
2400120	20FR
2400122	22FR
2400124	24FR
2400126	26FR



Straight Arterial Cannula with Suture Bulb

Features & Benefits

- Wire Wound Body
- The Arterial cannula is intended to be used as perfusion cannula to return arterial blood from the extracorporeal circuit to the patient during cardiopulmonary surgery
- Arterial Cannula is of flexible tubing & kink-resistant

- A smooth, straight tapered tip is designed to facilitate insertion and placement
- An orientation line, depth markings, and a suture bulb assist with positioning the cannula
- Overall length of a cannula is 8.26 inches (21 cm)



Connection Site: 1/4

Product Code	Size
2400208	8FR
2400210	10FR
2400212	12FR
2400214	14FR
2400216	16FR

Product Code	Size
2400218	18FR
2400220	20FR
2400222	22FR
2400224	24FR
2400226	26FR



Curved Arterial Cannula with Suture Flange

Features & Benefits

- Wire Wound Body
- The PureFlex Arterial cannula consist of tapered to a curved flow tip
- One-piece, kink-resistant wire wound bodies

- Beveled curved tip with orientated line
- Depth markings, and a suture flange assist with positioning the cannula
- Overall length of a cannula is 9 inches (23 cm)



Connection Site: 1/4

Product Code	Size
2400308	8FR
2400310	10FR
2400312	12FR
2400314	14FR
2400316	16FR

Product Code	Size
2400318	18FR
2400320	20FR
2400322	22FR
2400324	24FR
2400326	26FR



Curved Arterial Cannula with Suture Bulb

Features & Benefits

- Wire Wound Body
- The Arterial cannula is intended to be used as perfusion cannula to return arterial blood from the extracorporeal circuit to the patient during cardiopulmonary surgery
- An orientation line, depth markings, and a suture bulb assist with positioning the cannula
- A smooth curved tapered tip is designed to facilitate insertion and placement
- Kink-resistant wire wound body
- Overall length of a cannula is 9 inches (23 cm)



Connection Site: 1/4

Product Code	Size
2400408	8FR
2400410	10FR
2400412	12FR
2400414	14FR
2400416	16FR

Product Code	Size
2400418	18FR
2400420	20FR
2400422	22FR
2400424	24FR
2400426	26FR



Angled Arterial Cannula with Suture Bulb

Features & Benefits

- Wire Wound Body
- Cannula intended for perfusion of the ascending aorta during cardiopulmonary bypass
- Cannula has 45° angled smooth, beveled tip & tapered towards the end
- Cannula is kink-resistant with wire wound body
- It has a suture bulb assist
- Overall length of a cannula is 8.66 inches (22 cm)



Connection Site: 1/4

Product Code	Size
2400508	8FR
2400510	10FR
2400512	12FR
2400514	14FR
2400516	16FR

Product Code	Size
2400518	18FR
2400520	20FR
2400522	22FR
2400524	24FR
2400526	26FR



Straight Arterial Cannula with Suture Bulb

Features & Benefits

- An orientation line, depth markings, and a suture bulb assist with positioning the cannula
- One piece cannula with beveled straight tip
- A smooth tapered tip is designed to facilitate insertion and placement
- Overall length of a cannula is 9 inches (23 cm)



Product Code	Size
2400620	20FR
2400622	22FR



Arch Arterial Cannula with Flexible Ring

Features & Benefits

- Adjustable suture ring
- A smooth tapered tip is designed to facilitate insertion and placement
- One piece cannula with beveled straight tip
- Overall length of a cannula is 9.2 inches (23.5cm)



Connection Site: 1/4

Product Code	Size
2400714	14FR
2400716	16FR

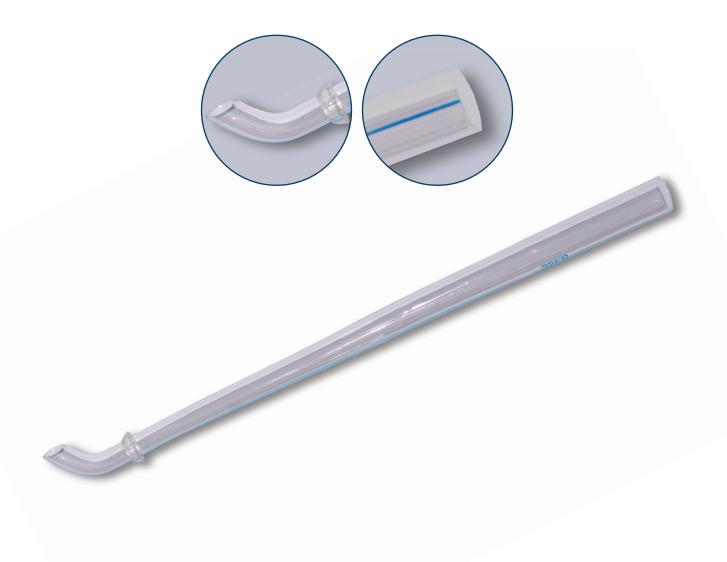
Product Code	Size
2400718	18FR
2400720	20FR
2400722	22FR
2400724	24FR



Angled Arterial Cannula with Suture Bulb

Features & Benefits

- Cannula has 45° angled shape
- It has a smooth, beveled & tapered tip towards the end
- Long Neck
- Cannula is agile and has a suture bulb assist
- A smooth tapered tip is designed to facilitate insertion and placement
- Overall length of a cannula is 9.44 inches (24 cm)



Connection Site: 1/4

Product Code	Size
2400814	14FR
2400816	16FR

Product Code	Size
2400818	18FR
2400820	20FR
2400822	22FR
2400824	24FR

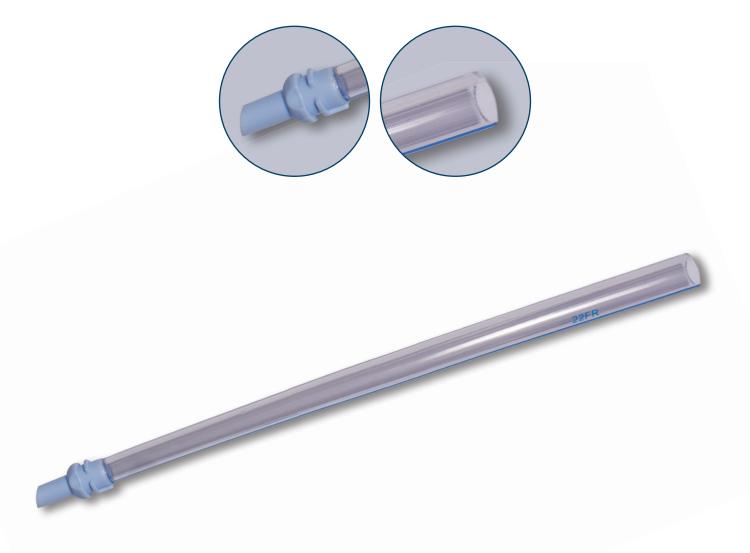


Straight Arterial Cannula

Features & Benefits

- Blue Tip
- Beveled tips & tapered towards the end
- Cannula is smooth

- Tip is designed to facilitate insertion and placement
- Overall length of a cannula is 9.25 inches (23.5 cm)



Connection Site: 1/4

Product Code	Size
2400914	14FR
2400916	16FR

Product Code	Size
2400918	18FR
2400920	20FR
2400922	22FR
2400924	24FR



Parallel Body Arterial Cannula

Features & Benefits

- Used during open heart surgery to return oxygenated blood through extracorporeal circuit
- Parallel Body
- Cannula has straight tip

- Beveled tip & has orientation line
- Has inbuilt connector
- Overall length of a cannula is 10.4 inches (26.5 cm)



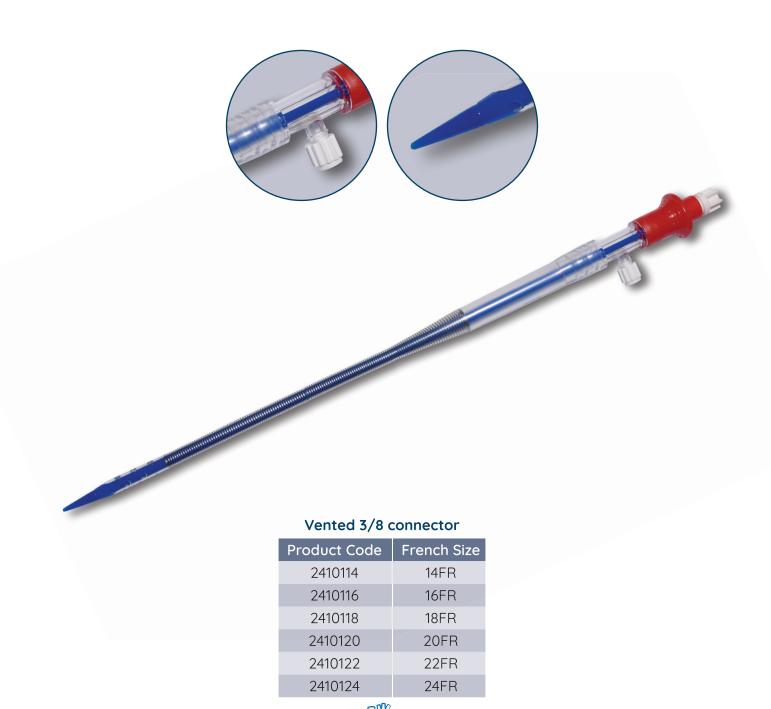
Product Code	Size
2401018	18FR
2401020	20FR
2401022	22FR
2401024	24FR



Femoral Arterial or Internal Jugular Venous Cannula

- Cannula offer a flexible, kink-resistant, thin-wall design which assist maximum flow rate
- Multiple Ports.
- Smoothly insertion with a reinforced blending region with side holes for appropriate drainage

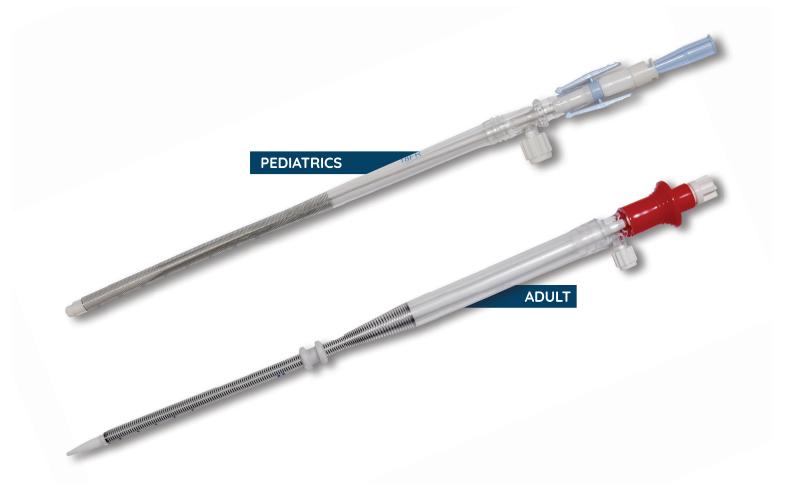
- An adhesion-fit cap and a PVC introducer which assists in proper cannulation
- The transdermal-approach introducer, a re-adjustable radiopaque suture ring
- Overall length of a cannula is 11 inches (28 cm)



EOPA Arterial Cannula

Features & Benefits

- In cardiac operation under direct vision, it can be inserted into the femoral artery for blood flow in extracorporeal circulation.
- Thin wall and flexible body
- Wire wound construction using stainless steel wire
- Multiple side port tip to maximize flow rate
- Depth marking on cannula body facilitates insertion and positioning
- A PVC introducer which assists in proper cannulation
- Overall length of a cannula is 10.8 inches (27.5 cm)



PEDIATRICS Connection Site: 1/4

Product Code	Size
2410206	06FR
2410208	08FR
2410210	10FR
2410212	12FR
2410214	14FR
2410216	16FR

ADULT Connection Site: 3/8

Product Code	Size
2410218	18FR
2410220	20FR
2410222	22FR
2410224	24FR

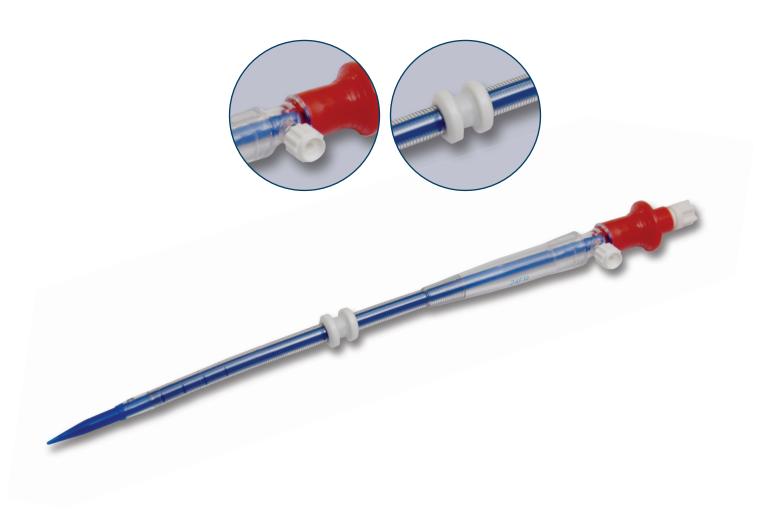


Femoral Arterial Cannula with Side Holes

Features & Benefits

- The Femoral Arterial cannula is intended to be used as perfusion cannula to return arterial blood from the extracorporeal circuit to the patient during cardiopulmonary surgery
- Thin wall and flexible body
- Wire wound construction using stainless steel wire

- Tip of the cannula has adjacent side holes
- Depth marking on cannula body facilitates insertion and positioning
- A PVC introducer which assists in proper cannulation
- Overall length of a cannula is between 6.3 to 9.4 inches (16 to 24 cm)



PEDIATRICS

Product Code	Size	Length (cm)
2410308	8FR	16
2410310	10FR	16
2410312	12FR	16
2410314	14FR	24
2410316	16FR	24

ADULT

Product Code	Size	Length (cm)
2410318	18FR	24
2410320	20FR	24
2410322	22FR	24
2410324	24FR	24



Straight Venous Cannula

Features & Benefits

- The Venous Return Cannula is indicated for use in drainage of the superior and inferior vena cava during cardiopulmonary bypass surgery.
- Cannula consists of a flexible PVC tubing wire reinforced
- Kink-resistant wire wound bodies with depth markings
- Tapered, multi-port bullet tip for easy insertion and optimum flow rates
- Overall length of a cannula is 14.3 inches (36.5 cm)



Product Code	Size
2405112	12FR
2405114	14FR
2405116	16FR

Connection Site. 3/ 0	
Product Code	Size
2405118	18FR
2405120	20FR
2405122	22FR
2405124	24FR
2405126	26FR
2405128	28FR
2405130	30FR
2405132	32FR
2405134	34FR
2405136	36FR



Right Angle Venous Cannula

Features & Benefits

- It has a Plastic tip
- Cannula has one piece and has multi-ports at the tip
- It is kink-resistant & has wire wound body
- Tapered towards the flow tip
- 90° bended distal section with a fluted distal flow tip.
- Overall length of a cannula is 12 inches (30.5 cm)



Product Code	Size
2405212	12FR
2405214	14FR
2405216	16FR

Product Code	Size
2405218	18FR
2405220	20FR
2405222	22FR
2405224	24FR
2405226	26FR
2405228	28FR
2405230	30FR
2405232	32FR
2405234	34FR
2405236	36FR



Metal Right Angle Venous Cannula

Features & Benefits

- Beveled metal tip with multi-ports. It has tip orientation line, kink-resistant wire wound bodies
- 90° bended distal section with a fluted distal flow tip.
- Overall length of a cannula is between 14.1 to 15.7 inches (36 to 40 cm)
- And (36 to 40 cm)



Product Code	Size
2405310	10FR
2405312	12FR
2405314	14FR
2405316	16FR

Product Code	Size
2405318	18FR
2405320	20FR
2405322	22FR
2405324	24FR
2405326	26FR
2405328	28FR
2405330	30FR
2405332	32FR



Two Stage Venous Cannula

Features & Benefits

- Two stages venous cannula are intended for use in venous drainage via RA & IVC contemporaneous during cardiopulmonary bypass surgery
- Cannula has atrial-basket
- Both Oval and Flat Body Cannulas are available

- It has multi-port tip
- Kink-resistant, wire wound bodies with stylet & depth markings for appropriate cannulation
- Overall length of a cannula is 15 inches (38 cm)



ROUND BODY

Connection Site: 1/2

Product Code	Size
24054240	32/40FR
24054446	34/46FR
24054646	36/46FR
24054651	36/51FR

Connection Site: 3/8

Product Code	Size
24054836	28/36 FR
24054038	30/38FR

FLAT BODY

Connection Site: 1/2

Product Code	Size
24055240	32/40FR
24055446	34/46FR
24055646	36/46FR
24055651	36/51FR

Product Code	Size
24055836	28/36 FR
24055038	30/38FR



Three Stage Venous Cannula

Features & Benefits

- One Piece Three Stage Venous Return
 Cannula is indicated for single tube venous
 drainage from the RA and Vena cava
 during cardiopulmonary bypass surgery.
- It has multi-port tip

- Kink-resistant, wire wound bodies with stylet & depth markings for appropriate cannulation
- Overall length of a cannula is 15 inches (38 cm)



ROUND BODY

Connection Site: 1/2

Product Code	Size
24056240	32/40/40FR
24056446	34/46/46FR
24056646	36/46/46FR
24056651	36/51/51FR

Connection Site: 3/8

Product Code	Size
24056836	28/36/36FR
24056038	30/38/38FR

FLAT BODY

Connection Site: 1/2

Product Code	Size
24057240	32/40/40FR
24057446	34/46/46FR
24057646	36/46/46FR
24057651	36/51/51FR

Product Code	Size
24057836	28/36/36FR
24057038	30/38/38FR

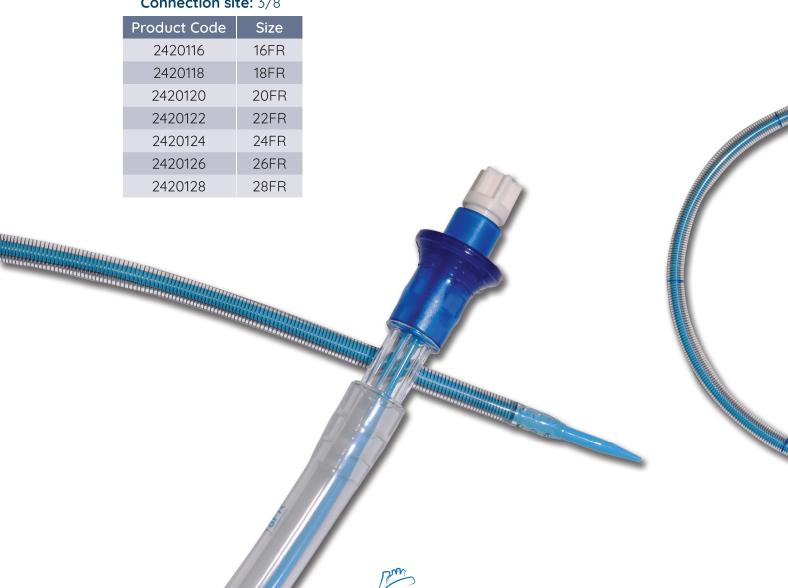


SDT Femoral Venous Cannula

- In cardiac surgery under direct vision, it can be inserted into the femoral vein for blood flow in extracorporeal circulation
- Thin wall and multiple side ports that promotes maximum flow and has flexible body
- Cannula has elongated tapered introducer
- Small Drainage Tip
- Wire wound construction using stainless steel wire

- An adhesion-fit cap and a PVC introducer which assists in proper cannulation
- Depth marking on cannula body facilitates insertion and positioning
- All of these optimized add up to an easier insertion
- The transdermal-approach introducer, a revamped radiopaque suture ring
- Overall length of a cannula is 27 inches (68.5 cm)





LDT Femoral Venous Cannula

- In cardiac surgery under direct vision, it can be inserted into the femoral vein for blood flow in extracorporeal circulation
- Thin wall and multiple side ports that promotes maximum flow and has flexible body
- Cannula has elongated tapered introducer
- Small Drainage Tip
- Wire wound construction using stainless steel wire

- An adhesion-fit cap and a PVC introducer which assists in proper cannulation
- Depth marking on cannula body facilitates insertion and positioning
- All of these optimized add up to an easier insertion
- The transdermal-approach introducer, a revamped radiopaque suture ring
- Overall length of a cannula is between 27 to 31.5 inches (68 to 80 cm)





Two Stage Femoral Venous Cannula

- Femoral Venous Cannula are designed to improve venous drainage, with a dual stage tip which drains from superior and inferior vena cava
- Cannula is flexible, kink-resistant
- Thin wall and multiple side ports that promotes maximum flow and has flexible body
- Cannula has elongated smooth tapered introducer to reduce vascular injury
- Wire wound construction using stainless steel wire
- An adhesion-fit cap and a PVC introducer which assists in proper cannulation
- The transdermal-approach introducer, a revamped radiopaque suture ring
- Overall length of a cannula is 28.5 inches (72.5 cm)

Connection site: 3/8

Connection si	te : 3/8	
Product Code	Size	
2420216	16FR	
2420218	18FR	
2420220	20FR	
2420222	22FR	
2420224	24FR	
2420226	26FR	
2420228	28FR	
2420230	30FR	
		Ann 24

Multi Stage Femoral Venous Cannula

Features & Benefits

- These pediatrics & adult multi-stage, multi-port allows ideal drainage of the entire venous flow by obtaining the blood from SVC, RA & IVC concurrently.
- Cannula is flexible, kink-resistant
- Thin wall and multiple side ports that promotes maximum flow and has flexible body
- Cannula has elongated smooth tapered introducer to reduce vascular injury
- Wire wound construction using stainless steel wire
- An adhesion-fit cap and a PVC introducer which assists in proper cannulation



- 1/4 connection site - Overall length of a cannula is 7.8 inches (20 cm)

Product Code	Size
2420408	8FR
2420410	10FR
2420412	12FR
2420414	14FR

is 27.5 inches (70 cm)

Product Code	Size
2420320	20FR
2420322	22FR
2420324	24FR
2420326	26FR
2420328	28FR



Aortic Root Cardioplegia Cannula

- During open heart surgeries, antegrade cardioplegia is generally given via a catheter positioned in the root of the aorta proximal to the cross-clamp
- Without Vent
- High Flow Stopper
- Additional features available with this cannula include aortic root pressure monitoring & left heart venting

- It is designed with a soft tip to be atraumatic to the aorta
- Cannula has a stainless-steel introducer needle & has a suture flange for attachment
- It has a PVC body with high flow stopper
- Overall length of a cannula is 7.2 inches (18.5cm)



Product Code	Size (Ga)	Size (Fr)
2402614	14	7
2402616	16	5
2402618	18	4



Aortic Root Cardioplegia Cannula

- It is a standard straight type cardioplegia cannula
- Without Vent
- Made of PVC material body without high flow stopper
- Stainless steel needle is available with cannula & has a suture flange for attachment
- Overall length of a cannula is 7.2 inches (18.5 cm)



Product Code	Size (Ga)	Size (Fr)
2402712	12	9
2402714	14	7
2402716	16	5
2402718	18	4



Aortic Root Cardioplegia Cannula

- Aortic root cardioplegia Cannula is designed to deliver cardioplegia solution during cardiopulmonary bypass surgery & to aspirate air from the aorta at the end of the surgery
- With Vent Line
- These Cannula can also be known as Y-type because it does the work of delivering cardioplegia solution as we as venting the air
- It has a stainless-steel introducer needle, vent catheter with female luer & ¼ connector
- Cannula has a suture flange for attachment
- Overall length of a cannula is between 6.5 to 7.3 inches (16.5 to 18.5 cm)



Product Code	Size (Ga)	Size (Fr)
2402812	12	9
2402814	14	7
2402816	16	5
2402818	18	4



Coronary Artery Ostial Cannula

Features & Benefits

- Coronary ostial perfusion Cannula are intended for use in delivery of cardioplegia solution directly to the coronary arteries during cardiopulmonary bypass surgery.
- Basket Tip

- Cannula has malleable stainless-steel shafts with radiopaque basket tips
- They have flanged & female luer connection site
- Available in 45° & 90°



90° Angle Tip

Overall length of a cannula is 7.48 inches (19 cm)

Product Code	Size
2402910	10FR
2402912	12FR

45° Angle Tip

Overall length of a cannula is 8.03 inches (20.4 cm)

Product Code	Size
2403010	10FR
2403012	12FR



Coronary Perfusion Adapter

Features & Benefits

- It is "Y" shaped coronary perfusion adapter
- Adapter is flexible & made of PVC

- It has female inlet port & 2 male outlet ports with white clamp
- Overall length of a cannula is 14.4 inches (36.5cm)



Product Code 240312L



Left Heart Vent Catheters

Features & Benefits

- Vent catheters are used during cardiopulmonary bypass to vent the left heart. These catheters are used as a suction catheter to assist in the complete evacuation of blood.
- These vents are available in paediatric and adult sizes
- Cannula features perforated tip

TYPES OF VENTS

Left Heart Vent with Plastic Stylet

- · Catheter is made of PVC & has a plastic stylet
- It is flexible
- Overall length of a cannula is 13.6 inches (34.5 cm)

Product Code	Size
2403512	12FR
2403514	14FR
2403517	17FR



Left Heart Vent with Malleable Body

- Catheter is made of PVC & has a malleable body
- Fixed Metal stylet and adjustable angle
- · Catheter can easily flex in any shape for venting
- Overall length of a cannula is 17.5 inches (44.5 cm)

Product Code	Size
2403612	12FR
2403614	14FR
2403617	17FR

Soft Left Heart Vent

- These vents feature a soft tip to minimize the tissue trauma
- Catheter is angled, blue tip with vented connector
- Overall length of a cannula is 13.2 & 13.6 inches (33.5 & 34.5 cm)

Product Code	Size
2403710	10FR
2403713	13FR



Left Heart PA Vent with Malleable Stylet

- It is a straight body model comes with a malleable style introducer for easy insertion and placement
- Catheter is made of PVC
- Overall length of a cannula is 13.77 inches (35 cm)

Product Code	Size
2403817	17FR





Intracardiac Sump

Features & Benefits

- Suckers are used for the removal of excess fluid from the surgical field.
- Suckers are flexible & made of PVC

• The perforated tip is attached to tubing that terminates with a 1/4-inch connector

TYPES OF SUMPS

Sump Sucker with Metal Tip

- Sumps feature a perforated pool tip to decrease the possibility of tissue occlusion while drainage
- Overall length of a cannula is 13.2 & 14 inches (33.5 & 35.5 cm)

Product Code	Size
2403912	12FR
2403917	17FR



Sump Sucker with Springe Tip

- This sump is encased in a stainless-steel springe at the end & has a weightage at the tip
- Overall length of a cannula is 14.2 & 15.3 inches (36 & 39 cm)

Product Code	Size
2404012	12FR
2404017	17FR



Sump Sucker with Fluted Tip

- Fluted tip sucker is intended for intra-cardiac use
- Overall length of a cannula 14.3 & 15.4 inches (36.5 & 39.5cm)

Product Code	Size
2404116	16FR
2404120	20FR



Rigid Sucker

Features & Benefits

- Rigid suckers are designed to clear blood from the surgical site
- The tip shaft is made from rigid stainless steel
- These suckers have a handy grip
- Overall length of a cannula is 8.7 & 11.6 inches (22 & 29.5cm)

Product Code Size 2404216 16FR 2404220 20FR

MICS Rigid Sucker

- The length of these suckers are very long, they can be used in Minimally Invasive Cardiac Surgeries
- Overall length of a cannula 12.6 & 15.35 inches (32 & 39cm)



Product Code	Size
2404316	16FR
2404320	20FR



MacVicTM Octopod

The Tissue Stabilizer

Application

 Octopod ensures cardiac surgeon to perform vascular anastomosis by stabilizing the segment during the beating heart surgery

Features & Benefits

- The suction pods clutch the epicardium of the heart allowing the cardiac surgeon to stabilize the area of the anastomosis.
- Pod expansion ensures perfect visualisation of the anastomotic site.
- Flexible arm enables unlimited positioning options.
- Easy attachment of clamp to the retractor.
- Reliable arm mechanism to ensure maximum stabilisation.



Product Code 24300TS









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