



HEART SURGERY PRODUCTS CATALOGUE



FOR A HEALTHY HEART

CONTENT

ARTERIAL CANNULAS	1-5
Reinforced arterial cannula	2-3
Non-reinforced arterial cannula	4
Pediatric arterial cannula	5
VENOUS CANNULAS	6-9
Single stage venous cannula	7-8
Two stage venous cannula	9
Three stage venous cannula	9
FEMORAL CANNULAS	10-14
Femoral arterial cannula	10-11
Femoral atherosclerotic cannula	12-14
DILATOR INSERTION KIT	15-17
ANTEGRADE PERFUSION	18-19
Aortic root cannula	18
Coronary artery ostial cannula	19
SUCTION CIRCUIT CANNULAS	20-21
Left vents	20
Sumps & Suckers	21
TISSUE STABILIZER	22
BLOWER MISTER	23
HEART BYPASS SUTURING DEVICES	24

ARTERIAL CANNULAE

Kangxin arterial cannulae are designed to deliver oxygenated blood to the arterial vasculature.

These cannulae feature with thin wall, reinforced or non-reinforced construction, a clear, flexible cannula body with a tip direction line, Our arterial cannulae are available in various models to meet your specific needs.



WIRE-WOUND STRAIGHT TIP

These cannula featured with thin wall, reinforced with stainless steel spring; straight tip, with suture flange or round ring, with or without moveable ring.



Construction	Features	Article No.
Wire-wound Reinforced, Straight tip	without ring	KX0101
	with moveable ring	KX0101-1
	with suture flange	KX0101-2
	with round ring	KX0103

Specification/Size	Tip outer diameter(D/MM)	Overall Length(L/MM)	Connection Site
8FR	2.7	230	1/4"
10FR	3.3	230	1/4"
12FR	4.0	230	1/4"
14FR	4.7	230	1/4"
16FR	5.3	230	1/4"
18FR	6.0	230	3/8"
20FR	6.7	230	3/8"
22FR	7.3	230	3/8"
24FR	8.0	230	3/8"
26FR	8.7	230	3/8"

WIRE-WOUND CURVED TIP

These cannula featured with thin wall, reinforced with stainless steel spring; curved tip, 45° or 80° with suture flange or round ring, with or without moveable ring.



Construction	Features	Article No.
Wire-wound Reinforced, Curved tip	80° angled, with suture flange	KX0104
	80° angled, with round ring	KX0105
	45° angled, without ring	KX0106
	45° angled, with round ring	KX0106-1

Specification/Size	Tip outer diameter(D/MM)	Overall Length(L/MM)	Connection Site
8FR	2.7	230	1/4"
10FR	3.3	230	1/4"
12FR	4.0	230	1/4"
14FR	4.7	230	1/4"
16FR	5.3	230	1/4"
18FR	6.0	230	3/8"
20FR	6.7	230	3/8"
22FR	7.3	230	3/8"
24FR	8.0	230	3/8"
26FR	8.7	230	3/8"

NON WIRE-WOUND

These cannula featured with thin wall, non-reinforced without stainless steel spring inside; straight or curved tip, with or without moveable ring.

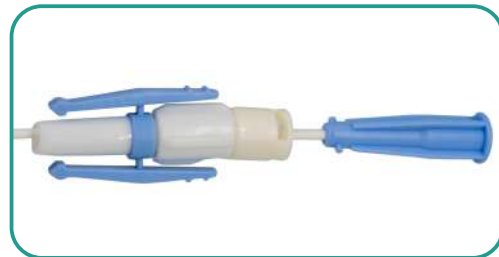
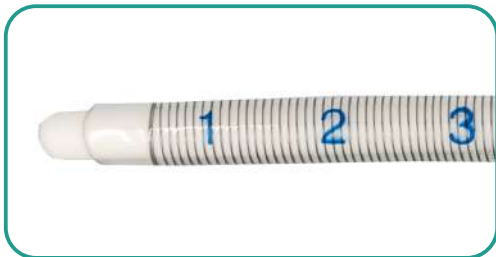


Construction	Features	Article No.
Non Wire-wound	Straight tip,with round (fixed) ring	KX0107
	Straight tip , with moveable ring	KX0108
	45° curved tip , with round (fixed) ring	KX0110
	Blue tip	KX0111
	Same OD overall cannula body with connector	KX0112

Specification/Size	Tip outer diameter(D/MM)	Overall Length(L/MM)	Connection Site
14FR	4.7	230	1/4"
16FR	5.3	230	1/4"
18FR	6.0	230	3/8"
20FR	6.7	230	3/8"
22FR	7.3	230	3/8"
24FR	8.0	230	3/8"

PEDIATRIC ARTERIAL CANNULAE WITH INTRODUCER

Kangxin pediatric arterial cannulae constructed with a introducer inside the cannula body which can facilitate cannula insertion, the introducer is designed with a buckle on the proximal end for avoiding introducer move backward during the insertion process.



Article No.	Specification/ Size	Tip outer diameter (D/MM)	Cannula Length (L/MM)	Connection Site
KX0113-06S	6FR	2.0	190	1/4"*3/16"LL
KX0113-06	6FR	2.0	190	1/4"*1/4"LL
KX0113-08S	8FR	2.7	190	1/4"*3/16"LL
KX0113-08	8FR	2.7	190	1/4"*1/4"LL
KX0113-10S	10FR	3.3	190	1/4"*3/16"LL
KX0113-10	10FR	3.3	190	1/4"*1/4"LL
KX0113-12	12FR	4.0	190	1/4"*1/4"LL
KX0113-14	14FR	4.7	190	1/4"*1/4"LL
KX0113-16	16FR	5.3	190	1/4"*1/4"LL
KX0113-18	18FR	6.0	190	1/4"*1/4"LL

VENOUS CANNULAE

Kangxin venous cannulae are designed to offer optimal venous drainage while providing flexibility and ease of use. The venous cannulae are available in single stage, double stage or three stage construction and in a variety of tip design to facilitate different surgical needs.



SINGLE STAGE

These cannulae featured with single stage structure, with straight tip, 90° plastic angled tip or 90° metal tip, all with multiple drainage holes.

Construction	Features	Article No.	Size
Single stage	Straight tip	KX0201	12FR~40FR
	90° angled plastic tip, Standard	KX0202	12FR~40FR
	90° angled plastic tip, Short tip	KX0202-2	12FR~40FR
	90° angled metal tip	KX0203	10FR~32FR



Specification/Size	Tip outer diameter(D/MM)	Overall Length(L/MM)	Connection Site
12FR	4.0	355	1/4"
14FR	4.7	355	1/4"
16FR	5.3	355	1/4"
18FR	6.0	355	1/4"
20FR	6.7	360	1/4" or 3/8"
22FR	7.3	360	1/4" or 3/8"
24FR	8.0	360	1/4" or 3/8"
26FR	8.7	363	3/8"
28FR	9.3	365	3/8"
30FR	10.0	365	3/8"
32FR	10.7	370	3/8"
34FR	11.3	370	3/8"
36FR	12.0	370	3/8"
38FR	12.7	370	3/8"
40FR	13.3	370	3/8"

METAL ANGELD TIP



Specification/ Size	Tip outer diameter (D/MM)	Angled Tip Length (L/MM)	Cannula Length (L/MM)	Connection Site
10FR	3.3	15	355	1/4" or 3/8"
12FR	4.0	16	356	1/4" or 3/8"
14FR	4.7	17	357	1/4" or 3/8"
16FR	5.3	20	360	1/4" or 3/8"
18FR	6.0	23	363	1/4" or 3/8"
20FR	6.7	24	364	3/8"
22FR	7.3	24	364	3/8"
24FR	8.0	29	369	3/8"
26FR	8.7	35	370	3/8"
28FR	9.3	35	370	3/8"
30FR	10.0	40	380	3/8"
32FR	10.7	40	380	3/8"

TWO/THREE STAGE

These cannulae featured with a two or three stage construction, cannula body can be round or flat, configured with an obturator.

Construction	Features	Article No.
Two stage	Round Body	KX0205-1
	Flat Body	KX0205-2
Three stage	Flat Body	KX0205-3
	Round Body	KX0205-4

• TWO STAGE



Specification/Size	Outer diameter (D/MM)	Overall Length(L/MM)	Connection Site
28/36FR	9.3/12.0	375	3/8"
30/38FR	10.0/12.7	377	1/2"
32/40FR	10.7/13.3	395	1/2"
34/46FR	11.3/15.3	400	1/2"
36/46FR	12.0/15.3	396	1/2"
36/51FR	12.0/17.0	396	1/2"

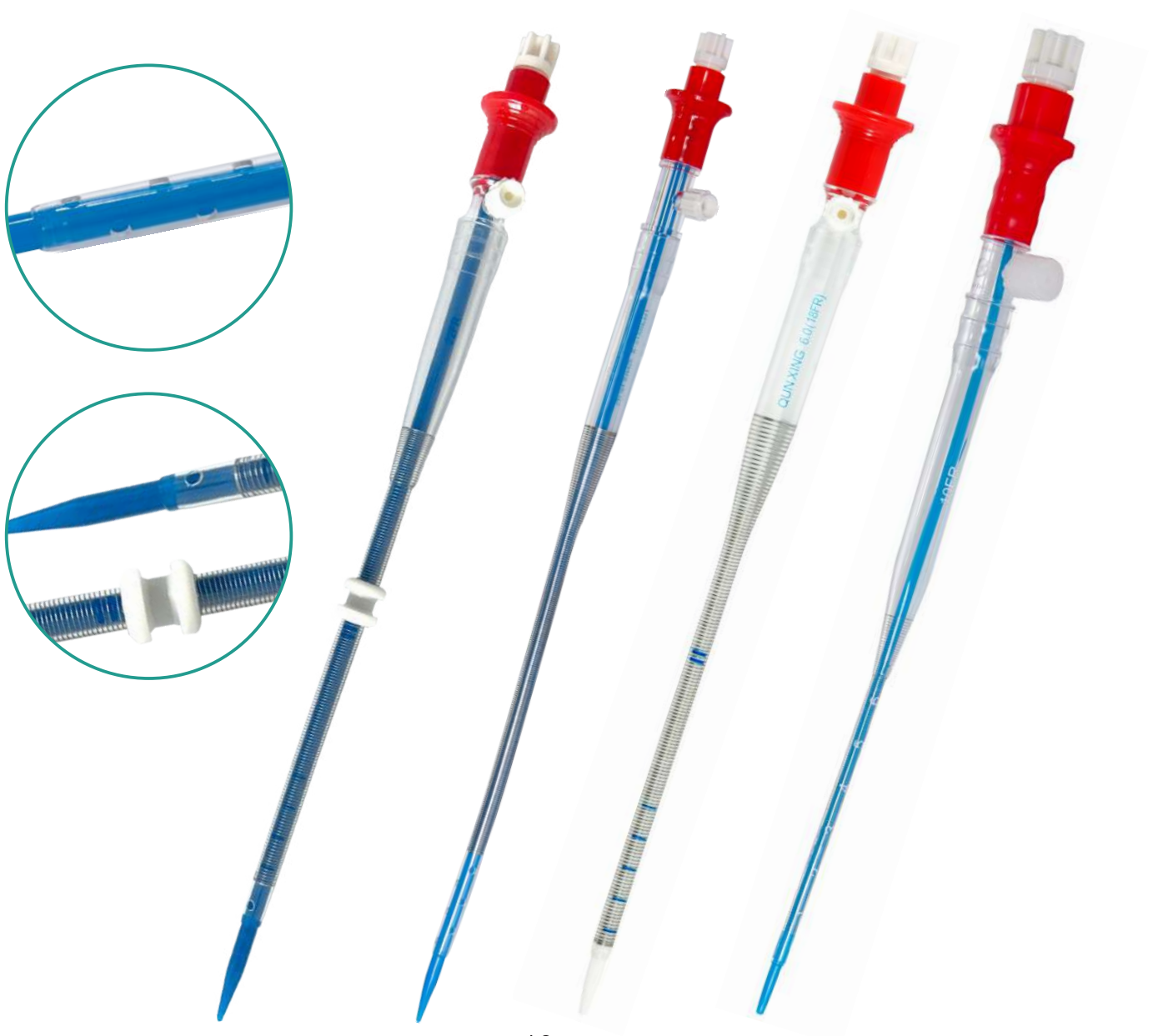
• THREE STAGE



Specification/Size	Outer diameter (D/MM)	Overall Length(L/MM)	Connection Site
28/36/36FR	9.3/12.0/12.0	375	3/8"
30/38/38FR	10.0/12.7/12.7	377	1/2"
32/40/40FR	10.7/13.3/13.3	395	1/2"
34/46/46FR	11.3/15.3/15.3	400	1/2"

FEMORAL ARTERIAL CANNULAE

- Kangxin femoral arterial cannula is intended for the return of oxygenated blood to the descending aorta through the femoral access during operations with artificial circulation.
- Consists of a wire-reinforced body with a non-reinforced segment for applying a main clamp, with an introducer, with a Luer-Lock connector.
- Different cannula length and side holes in comprehensive specifications for various clinical using choice.





Features	Article No.	Specification/ Size	Tip Outer Diameter (D/MM)	Cannula Body Overall Length (L/MM)	Introducer Extension Length(L/MM)	Connector
Long version with multiple side holes	KX0114-1-14	14FR	4.7	290	20	3/8"*3/8" LL
	KX0114-1-16	16FR	5.3	290	20	3/8"*3/8" LL
	KX0114-1-18	18FR	6.0	290	20	3/8"*3/8" LL
	KX0114-1-20	20FR	6.7	290	20	3/8"*3/8" LL
	KX0114-1-22	22FR	7.3	290	20	3/8"*3/8" LL
	KX0114-1-24	24FR	8.0	290	20	3/8"*3/8" LL



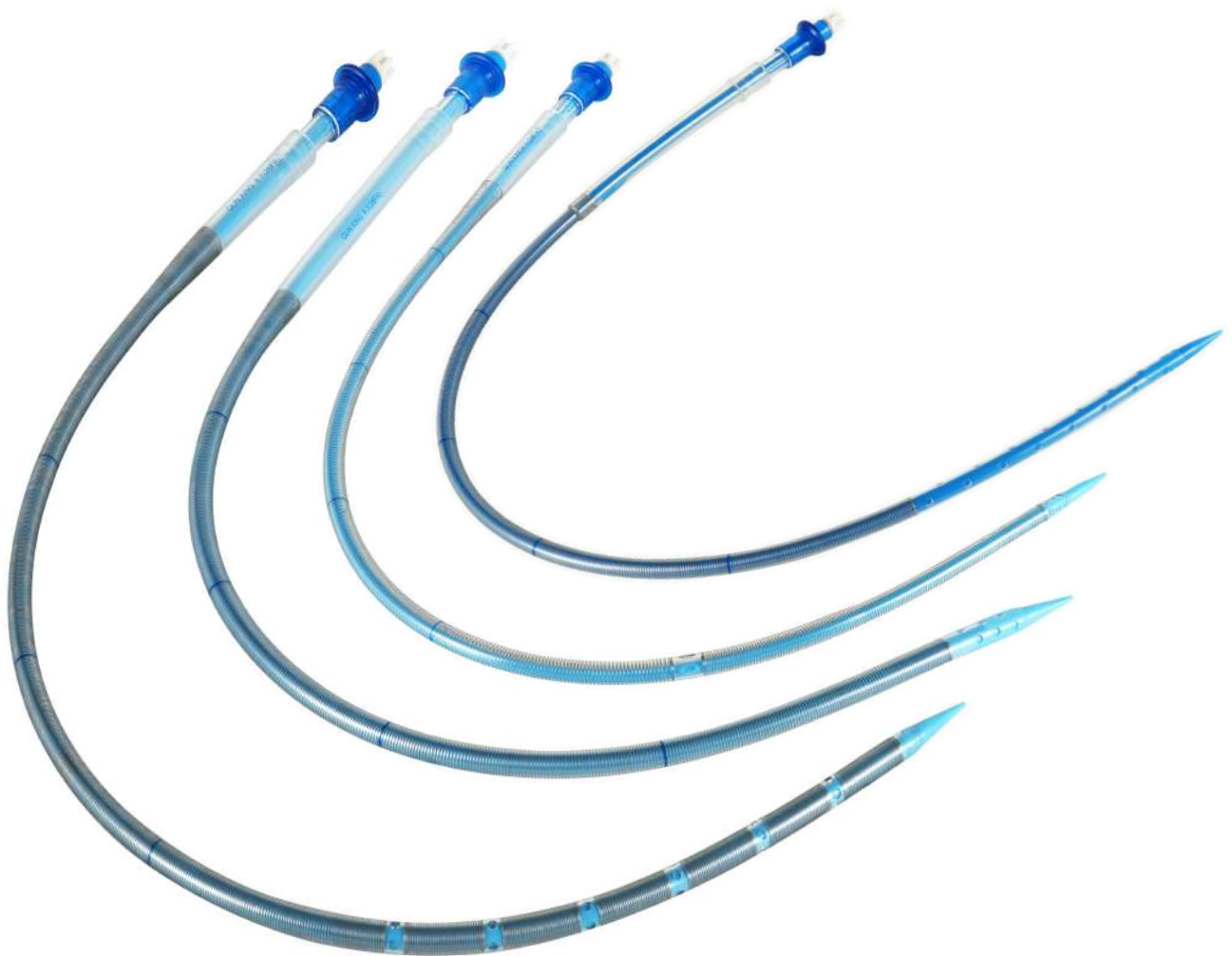
Short version without side holes	KX0114-2-14	14FR	4.7	275	18	3/8"*3/8" LL
	KX0114-2-16	16FR	5.3	275	18	3/8"*3/8" LL
	KX0114-2-18	18FR	6.0	275	18	3/8"*3/8" LL
	KX0114-2-20	20FR	6.7	275	18	3/8"*3/8" LL
	KX0114-2-22	22FR	7.3	275	18	3/8"*3/8" LL
	KX0114-2-24	24FR	8.0	275	18	3/8"*3/8" LL



Short version with 2 side holes	KX0114-3-08	8FR	2.7	145	30	1/4"*1/4" LL
	KX0114-3-10	10FR	3.3	145	30	1/4"*1/4" LL
	KX0114-3-12	12FR	4.0	145	30	1/4"*1/4" LL
	KX0114-3-14S	14FR	4.7	235	30	1/4"*1/4" LL
	KX0114-3-14	14FR	4.3	235	30	3/8"*3/8" LL
	KX0114-3-16	16FR	5.3	235	30	3/8"*3/8" LL
	KX0114-3-18	18FR	6.0	235	30	3/8"*3/8" LL
	KX0114-3-20	20FR	6.7	235	30	3/8"*3/8" LL
	KX0114-3-22	22FR	7.3	235	30	3/8"*3/8" LL
	KX0114-3-24	24FR	8.0	235	30	3/8"*3/8" LL

FEMORAL VENOUS CANNULAE

- Kangxin femoral venous cannula is to collect blood (drain) through a femoral venous access during operations with artificial circulation.
- Consists of a wire-reinforced body with a non-reinforced segment for applying a main clamp, with an introducer, with a connector.
- Different construction design in comprehensive specifications for various clinical using choice.





Features	Article No.	Specification/ Size	Tip Outer Diameter (D/MM)	Cannula Body Overall Length (L/MM)	Introducer Extension Length(L/MM)	Connector
Single stage, short tip	KX0206-1-16	16FR	5.3	685	20	3/8"*3/8"
	KX0206-1-18	18FR	6.0	685	20	3/8"*3/8"
	KX0206-1-20	20FR	6.7	685	20	3/8"*3/8"
	KX0206-1-22	22FR	7.3	685	25	3/8"*3/8"
	KX0206-1-24	24FR	8.0	685	25	3/8"*3/8"
	KX0206-1-26	26FR	8.7	685	25	3/8"*3/8"
	KX0206-1-28	28FR	9.3	685	25	3/8"*3/8"



Features	Article No.	Specification/ Size	Tip Outer Diameter (D/MM)	Cannula Body Overall Length (L/MM)	Introducer Extension Length(L/MM)	Connector
Two stage	KX0206-2-16	16/20FR	5.3/6.7	725	20	3/8"*3/8"
	KX0206-2-18	18/22FR	6.0/7.3	725	20	3/8"*3/8"
	KX0206-2-20	20/24FR	6.7/8.0	725	20	3/8"*3/8"
	KX0206-2-22	22/28FR	7.3/9.3	725	25	3/8"*3/8"
	KX0206-2-24	24/29FR	8.0/9.7	725	25	3/8"*3/8"
	KX0206-2-26	26/29FR	8.7/9.7	725	30	3/8"*3/8"
	KX0206-2-28	28/31FR	9.3/10.3	725	30	3/8"*3/8"
	KX0206-2-30	30/33FR	10.0/11.0	725	30	3/8"*3/8"



Features	Article No.	Specification/ Size	Tip Outer Diameter (D/MM)	Cannula Body Overall Length (L/MM)	Introducer Extension Length(L/MM)	Connector
Multiple stage, adult	KX0206-3-20	20FR	6.7	695	25	3/8"*3/8"
	KX0206-3-22	22FR	7.3	690	28	3/8"*3/8"
	KX0206-3-24	24FR	8.0	680	30	3/8"*3/8"
	KX0206-3-26	26FR	8.7	700	36	3/8"*3/8"
	KX0206-3-28	28FR	9.3	700	38	3/8"*3/8"

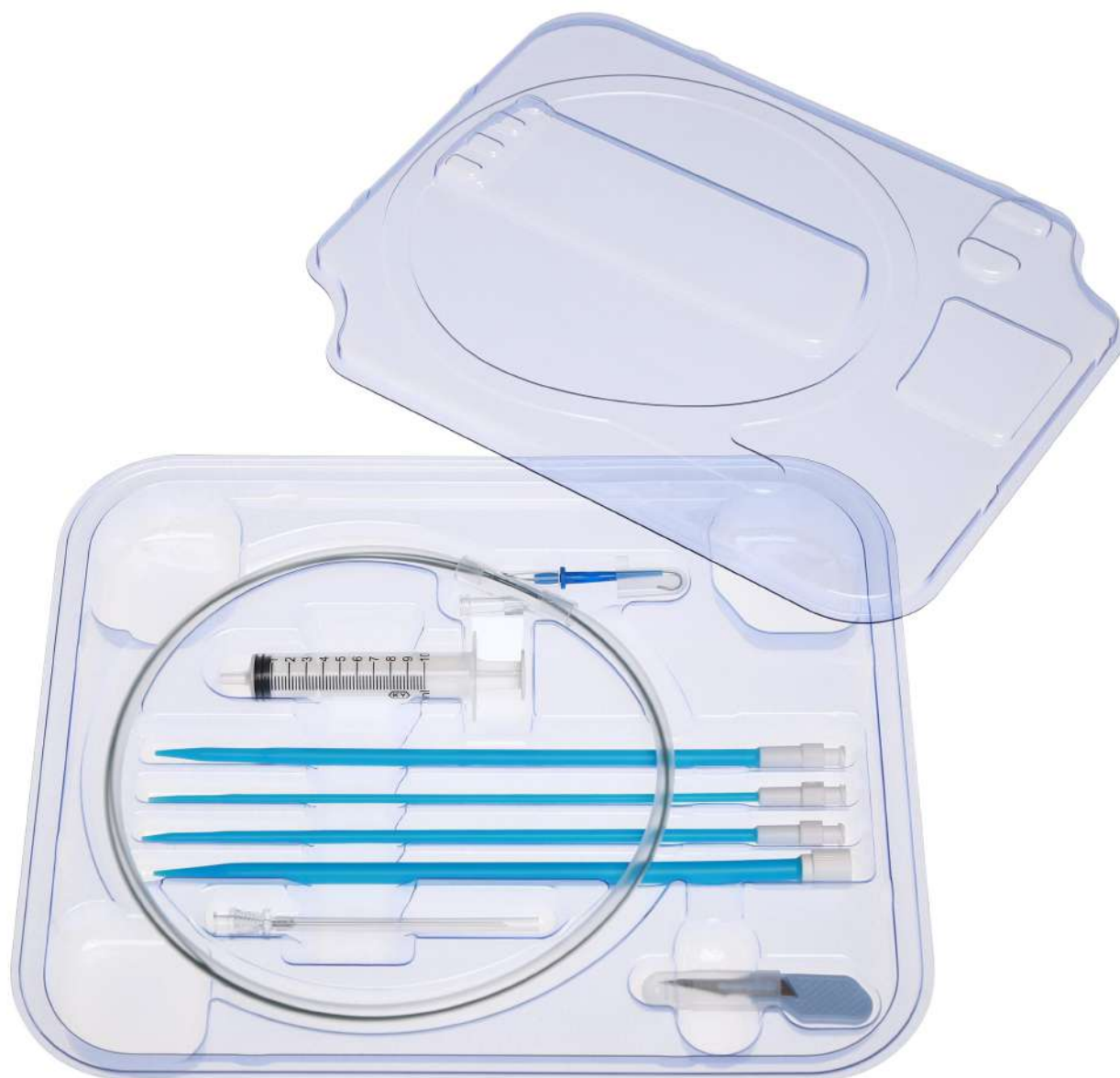


Features	Article No.	Specification/ Size	Tip Outer Diameter (D/MM)	Cannula Body Overall Length (L/MM)	Introducer Extension Length(L/MM)	Connector
Multiple stage, pediatric	KX0206-4-08	8FR	2.7	205	15	1/4"*1/4" LL
	KX0206-4-10	10FR	3.3	205	15	1/4"*1/4" LL
	KX0206-4-12	12FR	4.0	205	20	1/4"*1/4" LL
	KX0206-4-14	14FR	4.7	205	20	1/4"*1/4" LL



Features	Article No.	Specification/ Size	Tip Outer Diameter (D/MM)	Cannula Body Overall Length (L/MM)	Introducer Extension Length(L/MM)	Connector
Single stage, long drainage tip	KX0206-5-18	18FR	6.0	680	20	3/8"*3/8"
	KX0206-5-20	20FR	6.7	680	20	3/8"*3/8"
	KX0206-5-22	22FR	7.3	815	25	3/8"*3/8"
	KX0206-5-24	24FR	8.0	815	25	3/8"*3/8"
	KX0206-5-26	26FR	8.7	815	25	3/8"*3/8"
	KX0206-5-28	28FR	9.3	815	25	3/8"*3/8"

DILATOR INSERTION KIT

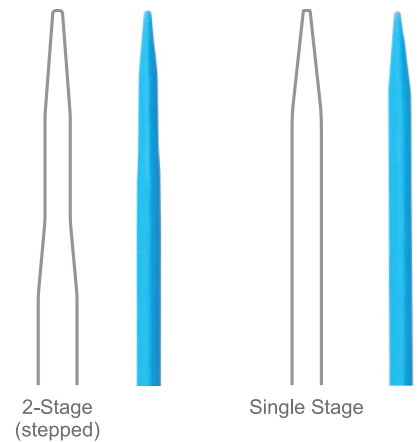
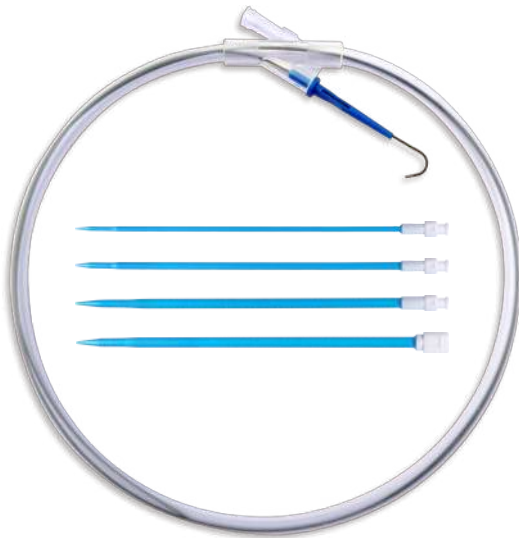


Indication:

- The dilator insertion kit is used for preparing the cannulation of vessels for extracorporeal circulation.
- The kit can be used for vascular access procedures. Typical cannulation procedure include:
 - artery cannulation, such as femoral artery, axillary artery;
 - vein cannulation, such as femoral vein, internal jugular vein.

Kit Contents:

1. Dilator × 4pieces, single stage and two stage (stepped) both available, various specifications.



2. 0.035" guide wire × 1piece, 100cm or 150cm length provided.



3. 18Ga puncture needle × 1piece.



4. 11# scalpel × 1piece.



5. 10ml syringe × 1piece.



Recommended clinical commonly used models:

Specification	Dilator Size	Guide Wire Size	Other contents
D1-100-13	2-stage (stepped) dilator: 8/10Fr,10/12Fr,12/14Fr,14/16Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-100-20	2-stage (stepped) dilator: 8/10Fr,12/14Fr,16/18Fr,20/22Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-100-21	2-stage (stepped) dilator: 10/12Fr,12/14Fr,14/16Fr,16/18Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-100-22	2-stage (stepped) dilator: 10/12Fr,12/14Fr,14/16Fr,18/20Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-100-28	2-stage (stepped) dilator: 10/12Fr,14/16Fr,18/20Fr,22/24Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-150-13	2-stage (stepped) dilator: 8/10Fr,10/12Fr,12/14Fr,14/16Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-150-20	2-stage (stepped) dilator: 8/10Fr,12/14Fr,16/18Fr,20/22Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-150-21	2-stage (stepped) dilator: 10/12Fr,12/14Fr,14/16Fr,16/18Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-150-22	2-stage (stepped) dilator: 10/12Fr,12/14Fr,14/16Fr,18/20Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D1-150-28	2-stage (stepped) dilator: 10/12Fr,14/16Fr,18/20Fr,22/24Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-100-01	single stage dilator: 10Fr,12Fr,14Fr,16Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-100-02	single stage dilator: 12Fr,14Fr,16Fr,18Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-100-03	single stage dilator: 14Fr,16Fr,18Fr,20Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-100-04	single stage dilator: 16Fr,18Fr,20Fr,22Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-100-05	single stage dilator: 18Fr,20Fr,22Fr,24Fr	0.035"×100CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-150-01	single stage dilator: 10Fr,12Fr,14Fr,16Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-150-02	single stage dilator: 12Fr,14Fr,16Fr,18Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-150-03	single stage dilator: 14Fr,16Fr,18Fr,20Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-150-04	single stage dilator: 16Fr,18Fr,20Fr,22Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe
D2-150-05	single stage dilator: 18Fr,20Fr,22Fr,24Fr	0.035"×150CM	18Ga puncture needle,11#scalpel,10ml syringe

AORTIC ROOT CANNULAE

These cannulae are designed as infusion cannula for cardioplegia solution, drainage and air bubble venting. Different construction design suits for various clinical requirements.



Features	Article No.	Specification/ Size	Tube length (L/MM)
Straight type with high flow stopcock	KX0301	14GA/16GA/18GA	88
Straight type	KX0302	12GA/14GA/16GA/18GA	125
Y type with ventline	KX0304	12GA/14GA/16GA/18GA	95
Long version for minimally invasive surgery	KX0305	14GA/16GA/18GA	175
Short version for infants	KX0306	18GA	45

CORONARY ARTERY OSTIAL CANNULAE

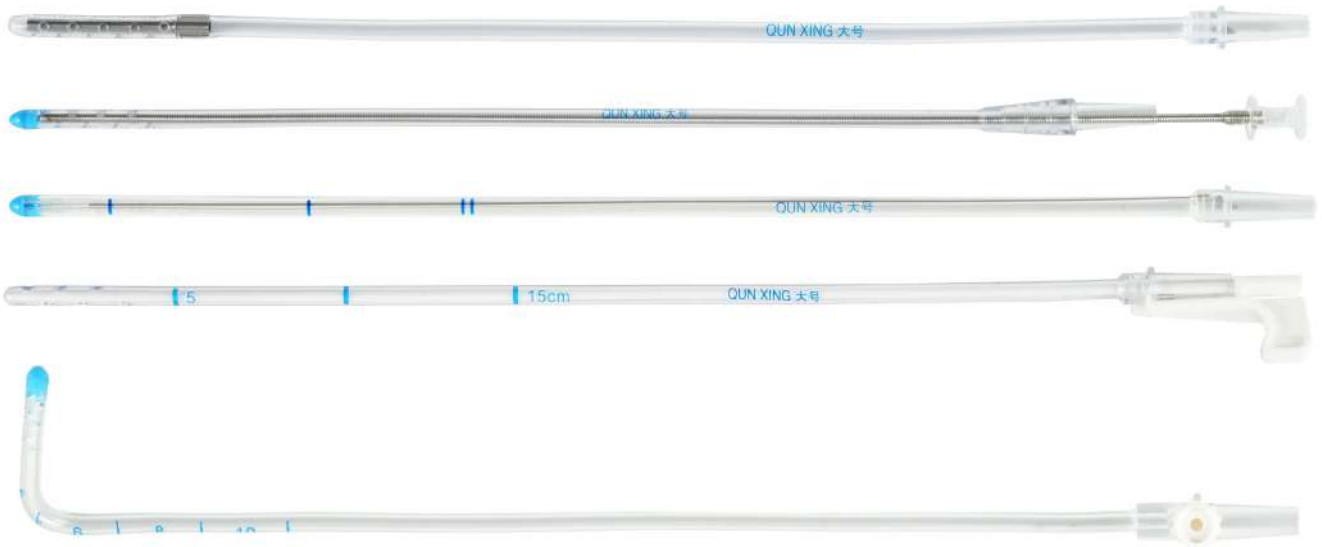
Kangxin coronary artery ostial cannula are used for direct coronary perfusion via the coronary ostial. The tip is soft with a basket drainage design, 45° or 90° angled.



Features	Article No.	Specification/ Size
90° angled tip	KX0307-1	10FR 12FR
45° angled tip	KX0307-2	10FR 12FR

VENTS

Kangxin vent catheters are designed for indirect and direct venting of the left ventricle, with different construction design in various specifications for different clinical requirements.



Features	Article No.	Specification/ Size	Outer Diameter (D/MM)
With plastic inlet	KX0401	12FR	4.0
		14FR	4.7
		17FR	5.7
With metal tube on the tip	KX0402	12FR	4.0
		17GA	5.7
With stainless steel wire inside the tube , malleable	KX0403	12FR	4.0
		14FR	4.7
		17FR	5.7
For pediatrics,with stainless steelwire inside the tube, vented connector	KX0403S	10FR	3.3
		13FR	4.3
With angled tip for children	KX0404	10FR	3.5
		13FR	4.6
With stainless steel inner core, malleable	KX0407	14FR	4.0
		17FR	4.7

SUMPS & SUCKERS

These sump suckers are developed to ensure a easy and effective suction during the operation. Both soft and rigid suction version can be chosed.



Features	Article No.	Specification/ Size
Sumps with protective spring tip	KX0405	12FR 17FR
Sumps with metal tip	KX0406	12FR 17FR
Stainless steel tube with fluted pool tip	KX0501	16FR 20FR
Soft tube with fluted pool tip	KX0502	16FR 20FR
Extra long version (for minimally invasive surgery)	KX0503	16FR 20FR

TISSUE STABILIZER

Kangxin tissue stabilizer features with clear, malleable pods combined with a smaller diameter, flexible arm and an low headlink profile.

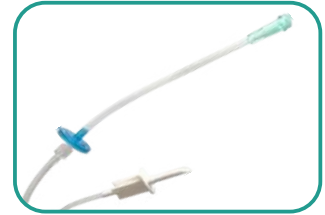
- Pod spreading optimizes sewing space and stability of anastomotic site;
- Smaller diameter, more flexible arm offers greater flexibility in positioning;
- 360° movement of the flexible arm;
- Single vacuum tubing line minimizes obstruction.



BLOWER MISTER

Kangxin blower mister is designed to improve visualization of the surgical site.

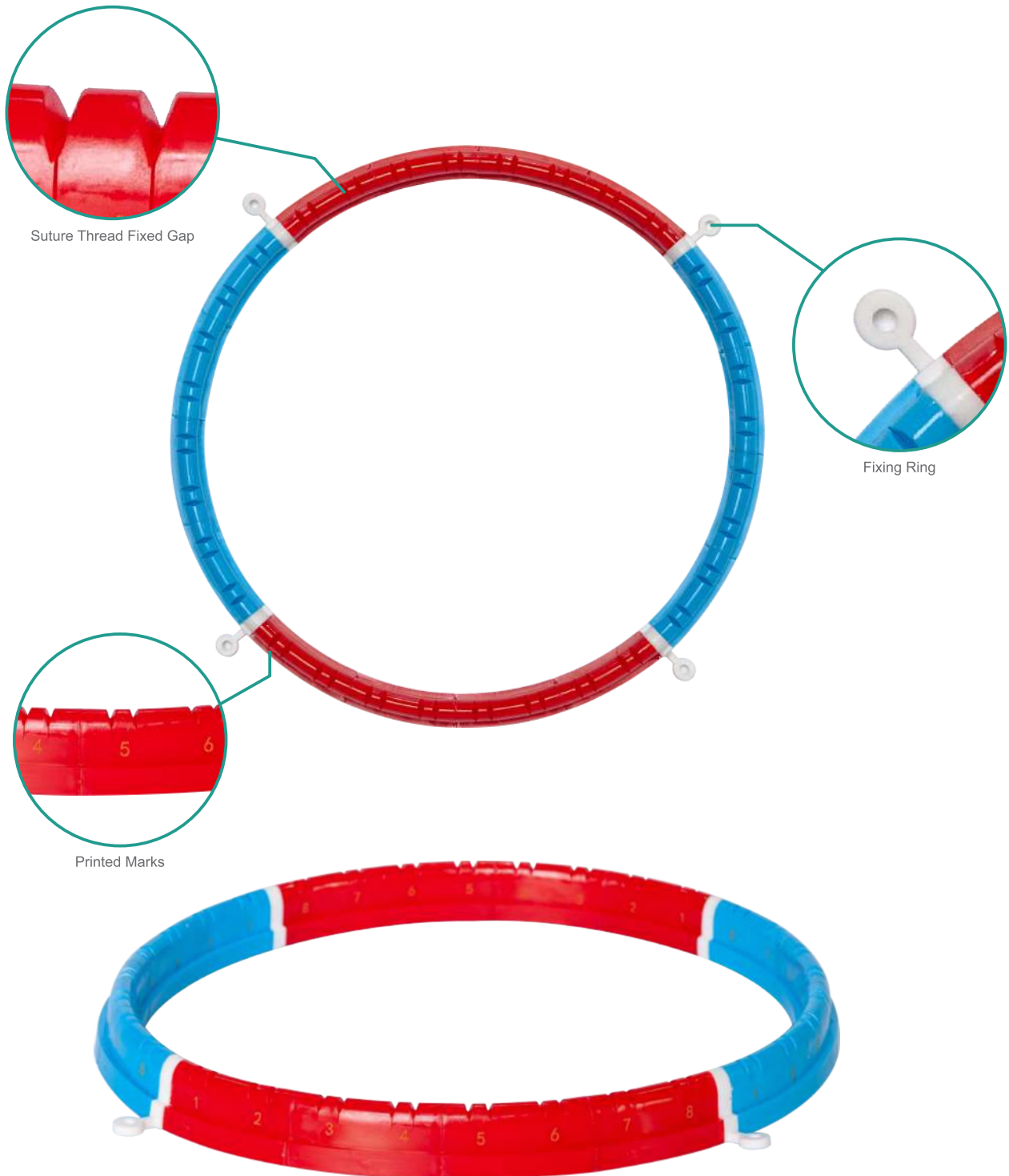
- An irrigation mist gently clears blood from the site for improving visualization;
- Clean with a non-touching way and without drying the delicate heart tissue;
- Tubing length around 3m.



HEART BYPASS SUTURING DEVICE

The suturing device is designed for suture thread management during open heart surgery, especially for valve replacement.

- Bright colors and printed marks make suture thread management more convenient;
- The device can be fixed on the retraction device through the fixing ring;
- Large size diameter $245\pm 35\text{mm}$;
- Small size diameter $185\pm 20\text{mm}$.





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