

[Product Name]

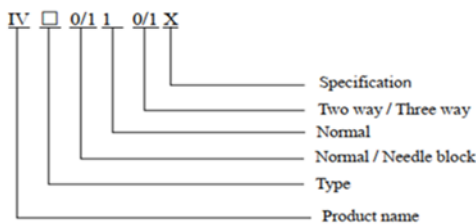
I.V. Cannula

[Intended Use]

I.V. Cannula is used for insertion into the peripheral superficial venous blood system for administration and infusion.

[Type(s)/Specification(s)/Component(s)]

Type(s)			Specification (s)	REF	Components
Y type	Normal	Two Way	18G	IVY01018	Heparin cap, end cap, Y type three/two way, extension tube, clamp, needle hub, anti-overflow plug, catheter hub, sheath, needle, catheter and rivet.
			20G	IVY01020	
			22G	IVY01022	
			24G	IVY01024	
		Three Way	18G	IVY01118	
			20G	IVY01120	
			22G	IVY01122	
			24G	IVY01124	
	Needle block	Two Way	18G	IVY11018	
			20G	IVY11020	
			22G	IVY11022	
			24G	IVY11024	
		Three Way	18G	IVY11118	
			20G	IVY11120	
			22G	IVY11122	
			24G	IVY11124	
Butterfly type	Normal	Two Way	18G	IVB01018	Sheath, needle, catheter, rivet, catheter hub, needle hub and vent fitting.
			20G	IVB01020	
			22G	IVB01022	
			24G	IVB01024	
	Needle block	Two Way	18G	IVB11018	
			20G	IVB11020	
			22G	IVB11022	
			24G	IVB11024	
Injection port type	Normal	Three Way	18G	IVI01118	Sheath, needle, catheter, rivet, port, cap, catheter hub, needle hub and vent fitting.
			20G	IVI01120	
			22G	IVI01122	
			24G	IVI01124	
Straight type	Normal	Two Way	18G	IVS01018	Sheath, needle, catheter, rivet, catheter hub, needle hub and vent fitting.
			20G	IVS01020	
			22G	IVS01022	
			24G	IVS01024	



Product name: IV (I.V. Cannula)

Type: Y/B/I/S (Y: Y type; B: Butterfly type; I: Injection port type; S: Straight type)

Normal/Needle block: 0/1 (0: Normal; 1: Needle block)

Normal: 1

Two way/Three way: 0/1 (0: Two way; 1: Three way)

X: Specification (Y: 18:18G, 20:20G, 22:22G, 24:24G, 26:26G; B/I/S: 18:18G, 20:20G, 22:22G, 24:24G)

[Product Performance Structure]

This product is sterilized by ethylene oxide and is sterile and pyrogen free until the package is opened or damaged.

[Operation Principle]

I.V. Cannula uses the sharpness of the needle tip to puncture the skin and enter the vein. After seeing the flashback, the catheter is inserted to the blood vessel, and then the needle is pulled out. When the needle is withdrawn, the protective clamp of the I.V. Cannula of needle block type is automatically activated, which can completely wrap the exposed needle tip. After the puncture is successful, the catheter is left in the vein for infusion treatment, and the tube is sealed after each infusion is completed to reduce the risk of the I.V. Cannula being blocked.

[Contraindications]

There is no absolute contraindication for this product.

[Instructions for Use]

Y type:



Figure 1 Figure 2 Figure 3 Figure 4 Figure 5 Figure 6

- Choose blood vessels, disinfect skin, and tie a tourniquet.
- Remove the I.V. Cannula from the package and tighten the heparin cap or end cap. (Figure 1)
- Empty the air after the infusion device is connected to the heparin cap, or remove the end cap and connect the infusion connector to the screw joint of the infusion device and then empty the air.
- Hold the catheter hub and needle hub in hands, and remove the sheath; hold the needle hub with one hand, and hold the catheter hub with the other hand, loosen the needle by rotating to the left and right. (Figure 2)
Note: When removing the sheath, avoid only holding the needle hub so as to avoid pulling out the needle with excessive force. After rotating the needle hub, keep the needle hub tightly fitting with the catheter hub.
- Hold the needle hub and catheter hub and pierce the vein directly. Tip: Perform 15°-30° puncture, and observe flashback (Figure 3).
- After seeing flashback, lower the angle of puncture, place the catheter into the vein, observe the flashback to the catheter hub, withdraw the needle unit and avoid taking out the catheter (for Y type (needle block), the needle hub and catheter hub should be kept at the same level when the needle is withdrawn). (Figure 4)
- Put the needle unit into the sharp object collection box.
- Fix the I.V. Cannula according to the operating procedures or nursing rules.

Butterfly type, injection port type, straight type:

- Choose blood vessels, disinfect skin, and tie a tourniquet.
- Perform venipuncture technique.
- Observe the flashback situation from the part of the vent fitting.
- After seeing flashback, lower the puncture angle and place the catheter into the vein. At the same time, withdraw the needle unit and press the front of the tip of catheter that punctures the blood vessel to avoid blood outflow.
- Put the needle unit into the sharp object collection box.
- Combine the I.V. Cannula with an infusion tube or a heparin cap. (Note: Do not insert the withdrawn needle back into the catheter.)

G. Fix the I.V. Cannula according to the operating procedures or nursing rules.

[Precautions]

1. Do not use if the package is damaged.
2. The product is sterilized by ethylene oxide and has a validity period of 5 years. It cannot be used after the expiration date.
3. The indwelling time of the product should not exceed 72 hours. Please confirm by yourself if it exceeds this period.
4. Clinical staff must be trained in venipuncture techniques and be aware of potential complications.
5. Before use, make sure that the product is intact. If it is damaged or the sheath falls off, it is forbidden to use.
6. During the operation, it is forbidden to directly contact the infusion port and puncture unit of the product with hands or unsterilized items.
7. Before each use, use appropriate disinfectant (such as effective iodine concentration not lower than 0.5% iodophor) to disinfect the heparin cap.
8. Do not use any needle tip to puncture the anti-overflow plug (Figure 5, Figure 6). Once the needle has been completely or partially pulled out, it is not allowed to puncture again.
9. I.V. Cannula must be used in conjunction with a device with a standard locking conical connector for non-puncture infusion.
10. If the human body is pricked by the needle tip, report immediately and follow up according to hospital regulations. A used needle tip sticking anywhere on the body can cause serious diseases, such as hepatitis, HIV (AIDS) or other infectious diseases.
11. High pressure syringe used in this product may cause liquid leakage of catheter or damage to the product.
12. It is for single use. After use, harmless disposal should be done by a qualified or authorized institution according to the relevant regulations of the hospital or local health and family planning authorities.
13. This product does not contain PVC or DEHP.
14. The extension tube of this product is made of polyurethane material. Infusion of drugs incompatible with the polyurethane material is prohibited.
15. The use of this product must comply with the relevant operating specifications and regulations of the medical department, and this product can only be used by well-trained doctors or nurses with an understanding of potential dangers.
16. Aseptic techniques must be used to properly disinfect the skin and keep the puncture site clean.
17. Comprehensive protective measures should be followed for all patients.
18. This product has X-ray impermeability.

[Shelf Life]

5 years

[Sterilization Method]

Ethylene oxide

[Transportation]

Avoid squeezing or colliding the product during transportation so as to prevent damaging the device.

[Storage]

The packaged product should be stored in a clean environment which is free of corrosive gas and far away from fire.

[Production Batch Number]

See the unit package.

[Production Date]

See the unit package.

[Expiration Date]

See the unit package.

[Symbol Explanation]

	: Manufacturer		: Do not re-use
	: Batch code		: Use-by date
	: Date of manufacture		: Catalogue number
	: Do not use if package is damaged and consult instructions for use		: Authorized representative in the European Community/ European Union
	: Sterilized using ethylene oxide		: Do not re-sterilize
	: Consult instructions for use or consult electronic instructions for use		: Unique device identifier
	: Non-pyrogenic		: Medical device
	: Keep away from sunlight		: Keep dry
	: Caution		: CE Marking
	: Up		: Fragile, handle with care
	: Stacking layer limit		

[Manufacturer]
 Henan Tuoren Medical Device Co., Ltd.
 Address: Weiyuan Industrial Zone, Menggang, Changyuan, Henan Province, P.R. China
 Tel.: +86 0373-8605444
 Fax: +86 0373-8605321
 E-mail: info@etuoren.com
 e-IFU:
<http://www.tuoren.com/static/uploads/download/61e2766231378.pdf>

[EU Representative]

MedNet EC-REP GmbH
 Address: Borkstrasse 10, 48163 Münster, Germany
 E-mail: contact@mednet-ecrep.com