

Central Venous Catheter (CVC) Kit Instruction for Use



Rx only.

1. Product Name

Central Venous Catheter (CVC) Kit

2. Device description

Central Venous Catheter (CVC) Kit Contains Central Venous Catheter, Guide wire, I model/Y model introducer needle, Blue introducer syringe, Dilator, Injection site cap, Extension line clamp, Fastener, Scalpel, Hypodermic syringe, and Hypodermic needle. The central venous catheter (CVC) is a long, soft, thin, hollow tube placed into a large vein in the neck (internal jugular vein), chest (subclavian vein) or groin (femoral vein). CVC is intended to provide short-term (< 30 days) central venous access for treatment of diseases or conditions requiring central venous access.

The REF See Annex1 for details.

3. Intended use

Central Venous Catheter (CVC) Kit is used to insert into the central venous system for the infusions of fluids or medications, blood sampling or pressure measurement.

4. Contraindications

There is no absolute contraindication, but it should be used with caution in patients with known hemorrhagic diseases.

5. Complications including, but not limited to:

- cardiac tamponade secondary to vessel, atrial, or ventricular perforation;
- pleural (i.e., pneumothorax) and mediastinal injuries;
- air embolism;
- catheter embolism;
- catheter occlusion;
- thoracic duct laceration;
- bacteremia;
- septicemia;
- thrombosis;
- inadvertent arterial puncture;
- nerve injury;
- hematoma;
- hemorrhage;

- fibrin sheath formation;
- exit site infection;
- vessel erosion;
- catheter tip malposition;
- dysrhythmias;

6. Instructions

- a) Read the instruction for use carefully before use;
- b) Prepare skin for the puncture part and pave sterile sheet;
- c) Wash the catheter lumen, and clamp the extension tube or put injection site cap on extension tube hub, and the extending tube which connects with distal tube lumen shall keep open in order to pass through guide wire;
- d) Insert introducer needle into vein then return, and confirm that have good venous blood reflux, but the color of the reflux blood is not the only dependable sign to check whether the introducer needle enters into the vein;
- e) Guide wire enters into vein through introducer needle with the help of guide-wire booster until the needed depth, and the J head may need a light twirl to enter, but do not have any angle between guide wire and introducer needle to enter or return back guide wire;
- f) Hold tightly guide wire and take out introducer needle, and hold tightly guide wire at any time;
- g) Insert dilator into blood vessel along the guide wire, and turn dilator, and gently dilate channel in order to insert catheter, and remove dilator (when insert and remove dilator, keep guide wire immobile), do not leave dilator in its original position as the indwelling catheter to avoid blood vessel wall perforation.
- h) The head of the catheter pass through guide wire, and hold tightly the catheter of skin location, then turn gently to enter the catheter;
- i) Use the length mark of catheter as locate reference, and insert catheter into the indwelling location, then record catheter length and check regularly catheter location;
- j) Take out guide wire when the catheter reaches the planned depth. When taking out guide wire, if there is resistance, should slowly, guide wire rotate at a certain angle if necessary and take out catheter at a certain distance, if still cannot take out guide wire, guide wire should be taken out with catheter together, but do not be taken out forcibly to avoid that guide wire is broken in human body. After taking out guide wire, check whether guide wire is completed or not;

- k) Connect the extension tube hub with the syringe, and check the catheter location, when take out, observe whether blood flow is smooth or not, then connect the extension tube hub with the qualified connecting tube according to the requirements, and can block off the unused catheter lumen with injection site cap, and stop blood flow with extension line clamp when replace connecting tube and injection site cap;
- l) Check the catheter head location with X-ray. Fix the catheter on the patients with suture line through fastener and do not suture directly outside the catheter in order to avoid stabbing the catheter. And cover the puncture site with medical gauze and record the catheter insertion length, and check usually whether the catheter is moved or not;
- m) Nursing during the catheter indwelling:
 - 1) Replace the venous transfusion pipeline every 24h. For the used three-way stopcock or injection site cap, if loose or fall off, please remove immediately, and replace the new three-way stopcock or injection site cap after the strict disinfection. If operate the connector, such as transfusion, dose, haemospasia and connection with infusion pump, should strictly keep the sterile operation and prevent the iatrogenic infection. For the patients that need venous high nutrition infusion, should strengthen inspection during the period of infusion, and after infusion, wash catheter lumen with saline or replace the new infusion tube to infuse other fluid again;
 - 2) When use the deep vein catheterization to monitor center venous pressure, should especially enhance mental care for the patients and their families to strengthen the psychological sense of security. When need the long time to monitor center venous pressure, should wash the catheter with dilute heparin fluid 5ml (30u) that be configured with saline every 24h in order to keep pressure measurement system smooth and reduce the incidence of infection and prevent the formation of fibrin sheath around the head of catheter.
- n) Position patient as clinically indicated to reduce risk of potential air embolus. Remove dressing. Release catheter and remove from catheter securement device(s).

Ask patient to take a breath and hold it if removing internal jugular or subclavian catheter. If resistance is met while removing catheter, remove catheter by slowly pulling it parallel to skin. Apply direct pressure to site until hemostasis is achieved followed by an ointment-based occlusive dressing.

Warning: Residual catheter track remains an air entry point until site is epithelialized. Occlusive dressing should remain in place for at least 24 hours or until site appears epithelialized.

- o) When taking out the catheter, pay attention to the patient’s condition, if have serious infections, should use the other ways to take out the catheter, such as the operation. When taking out the catheter in regular way, do not pull out the catheter forcibly in case that the catheter may crack in human body.





7. Precautions















- a) Avoid repeating intubation, or it might cause hematomas and infection;
- b) The product has been sterilized with EO, and its shelf life is 5 years, please use within valid date;
- c) Check the package before use, do not use if sterile package is damaged or opened;
- d) This product is for single use, repeated use is prohibited, and it is destroyed after use
- e) The product can only be used by professional doctors, who has been properly trained for this operation.
- f) The product can be indwelled in human body for 30 days at most, 14 days is the best indwelling time.
- g) Adverse Side Effects: cause infection because of improper care of the puncture site; cause phlebitis or thrombophlebitis if indwelled overtime
- h) Do not press hard to avoid damage device.
- i) Handle with care when transporting to avoid violent collision.
- j) Store in a ventilated and dry place, try to avoid moisture, and keep away from fire and heat sources in case that the device might be out of shape.

8. Warnings

When selecting nitroglycerin, phylloquinone, paclitaxel, shenmai, fluorouracil, and fat milk for drug compatibility studies, this product has good compatibility and no adsorption of drugs, which can ensure the efficacy of drugs.

Explanation of picture, symbol, abbreviations that the medical devices of the product:

	CE mark		Manufacturer
	Authorized representative in the European Community		Catalogue number

	Use-by date		Keep away from sunlight
	Keep dry		Do not re-use
	Date of manufacture		Batch code
	Caution		Consult instructions for use
	Sterilized using ethylene oxide		Do not use if package is damaged
	Medical device		Do not re-sterilize
	Fragile, handle with care		Up

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The instruction for use in electronic form on the website of Henan Tuoren: <http://www.tuoren.com/en/>

Annex 1 Type specifications

REF	Type specifications	Configurations											
		Central Venous Catheter	Guide Wire	Dilator	Introducer needle		Fastener	Hypodermic syringe		Blue introducer syringe	Hypodermic needle	Scalpel	Injection site cap
					Y Model	I Model		I Model	II Model				
CVMY12208	1-22Ga-08cm-Y	1-22Ga-08cm	0.018"*60cm	4Fr*5cm	20Ga	-	22Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12208	1-22Ga-08cm-I	1-22Ga-08cm	0.018"*60cm	4Fr*5cm	-	20Ga	22Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12213	1-22Ga-13cm-Y	1-22Ga-13cm	0.018"*60cm	4Fr*5cm	20Ga	-	22Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12213	1-22Ga-13cm-I	1-22Ga-13cm	0.018"*60cm	4Fr*5cm	-	20Ga	22Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12216	1-22Ga-16cm-Y	1-22Ga-16cm	0.018"*60cm	4Fr*5cm	20Ga	-	22Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12216	1-22Ga-16cm-I	1-22Ga-16cm	0.018"*60cm	4Fr*5cm	-	20Ga	22Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12220	1-22Ga-20cm-Y	1-22Ga-20cm	0.018"*60cm	4Fr*5cm	20Ga	-	22Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12220	1-22Ga-20cm-I	1-22Ga-20cm	0.018"*60cm	4Fr*5cm	-	20Ga	22Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12230	1-22Ga-30cm-Y	1-22Ga-30cm	0.018"*60cm	4Fr*5cm	20Ga	-	22Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12230	1-22Ga-30cm-I	1-22Ga-30cm	0.018"*60cm	4Fr*5cm	-	20Ga	22Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12013	1-20Ga-13cm-Y	1-20Ga-13cm	0.021"*60cm	4Fr*5cm	20Ga	-	20Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12013	1-20Ga-13cm-I	1-20Ga-13cm	0.021"*60cm	4Fr*5cm	-	20Ga	20Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12016	1-20Ga-16cm-Y	1-20Ga-16cm	0.021"*60cm	4Fr*5cm	20Ga	-	20Ga	5mL	5mL	-	0.7mm	11#	Regular

ICVM12016	1-20Ga-16cm-I	1-20Ga-16cm	0.021"*60cm	4Fr*5cm	-	20Ga	20Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY12020	1-20Ga-20cm-Y	1-20Ga-20cm	0.021"*60cm	4Fr*5cm	20Ga	-	20Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM12020	1-20Ga-20cm-I	1-20Ga-20cm	0.021"*60cm	4Fr*5cm	-	20Ga	20Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11813	1-18Ga-13cm-Y	1-18Ga-13cm	0.021"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11813	1-18Ga-13cm-I	1-18Ga-13cm	0.021"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11816	1-18Ga-16cm-Y	1-18Ga-16cm	0.021"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11816	1-18Ga-16cm-I	1-18Ga-16cm	0.021"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11820	1-18Ga-20cm-Y	1-18Ga-20cm	0.021"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11820	1-18Ga-20cm-I	1-18Ga-20cm	0.021"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11616	1-16Ga-16cm-Y	1-16Ga-16cm	0.035"*60cm	6.5Fr*10cm	18Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11616	1-16Ga-16cm-I	1-16Ga-16cm	0.035"*60cm	6.5Fr*10cm	-	18Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11620	1-16Ga-20cm-Y	1-16Ga-20cm	0.035"*60cm	6.5Fr*10cm	18Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11620	1-16Ga-20cm-I	1-16Ga-20cm	0.035"*60cm	6.5Fr*10cm	-	18Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11630	1-16Ga-30cm-Y	1-16Ga-30cm	0.035"*60cm	6.5Fr*10cm	18Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11630	1-16Ga-30cm-I	1-16Ga-30cm	0.035"*60cm	6.5Fr*10cm	-	18Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11416	1-14Ga-16cm-Y	1-14Ga-16cm	0.035"*60cm	8Fr*10cm	18Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11416	1-14Ga-16cm-I	1-14Ga-16cm	0.035"*60cm	8Fr*10cm	-	18Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11420	1-14Ga-20cm-Y	1-14Ga-20cm	0.035"*60cm	8Fr*10cm	18Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular

ICVM11420	1-14Ga-20cm-I	1-14Ga-20cm	0.035"*60cm	8Fr*10cm	-	18Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11430	1-14Ga-30cm-Y	1-14Ga-30cm	0.035"*60cm	8Fr*10cm	18Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM11430	1-14Ga-30cm-I	1-14Ga-30cm	0.035"*60cm	8Fr*10cm	-	18Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY11216	1-12Ga-16cm-Y	1-12Ga-16cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM11216	1-12Ga-16cm-I	1-12Ga-16cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY11220	1-12Ga-20cm-Y	1-12Ga-20cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM11220	1-12Ga-20cm-I	1-12Ga-20cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY11230	1-12Ga-30cm-Y	1-12Ga-30cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM11230	1-12Ga-30cm-I	1-12Ga-30cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY24005	2-4Fr-05cm-Y	2-4Fr-05cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM24005	2-4Fr-05cm-I	2-4Fr-05cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY24008	2-4Fr-08cm-Y	2-4Fr-08cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM24008	2-4Fr-08cm-I	2-4Fr-08cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY24013	2-4Fr-13cm-Y	2-4Fr-13cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM24013	2-4Fr-13cm-I	2-4Fr-13cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY24016	2-4Fr-16cm-Y	2-4Fr-16cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM24016	2-4Fr-16cm-I	2-4Fr-16cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY24020	2-4Fr-20cm-Y	2-4Fr-20cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular

ICVM20420	2-4Fr-20cm-I	2-4Fr-20cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY25013	2-5Fr-13cm-Y	2-5Fr-13cm	0.021"*60cm	5.5Fr*6cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM25013	2-5Fr-13cm-I	2-5Fr-13cm	0.021"*60cm	5.5Fr*6cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY25016	2-5Fr-16cm-Y	2-5Fr-16cm	0.021"*60cm	5.5Fr*6cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM25016	2-5Fr-16cm-I	2-5Fr-16cm	0.021"*60cm	5.5Fr*6cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY25020	2-5Fr-20cm-Y	2-5Fr-20cm	0.021"*60cm	5.5Fr*6cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM25020	2-5Fr-20cm-I	2-5Fr-20cm	0.021"*60cm	5.5Fr*6cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY26013	2-6Fr-13cm-Y	2-6Fr-13cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM26013	2-6Fr-13cm-I	2-6Fr-13cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY26016	2-6Fr-16cm-Y	2-6Fr-16cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM26016	2-6Fr-16cm-I	2-6Fr-16cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY26020	2-6Fr-20cm-Y	2-6Fr-20cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM26020	2-6Fr-20cm-I	2-6Fr-20cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY27016	2-7Fr-16cm-Y	2-7Fr-16cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	7Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM27016	2-7Fr-16cm-I	2-7Fr-16cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	7Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY27020	2-7Fr-20cm-Y	2-7Fr-20cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	7Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM27020	2-7Fr-20cm-I	2-7Fr-20cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	7Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY27030	2-7Fr-30cm-Y	2-7Fr-30cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	7Fr	5mL	5mL	-	0.7mm	11#	Regular

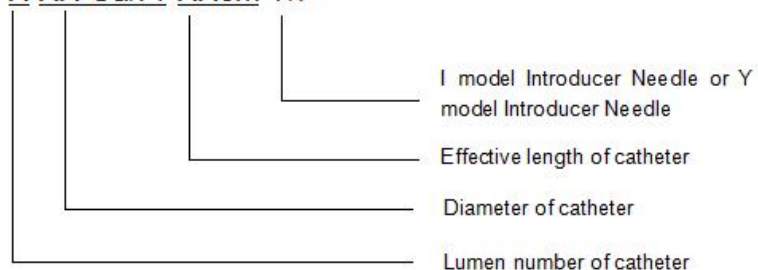
ICVM27030	2-7Fr-30cm-I	2-7Fr-30cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	7Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY28016	2-8Fr-16cm-Y	2-8Fr-16cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM28016	2-8Fr-16cm-I	2-8Fr-16cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY28020	2-8Fr-20cm-Y	2-8Fr-20cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM28020	2-8Fr-20cm-I	2-8Fr-20cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY28030	2-8Fr-30cm-Y	2-8Fr-30cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM28030	2-8Fr-30cm-I	2-8Fr-30cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY34008	3-4Fr-08cm-Y	3-4Fr-08cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM34008	3-4Fr-08cm-I	3-4Fr-08cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY34013	3-4Fr-13cm-Y	3-4Fr-13cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM34013	3-4Fr-13cm-I	3-4Fr-13cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY34016	3-4Fr-16cm-Y	3-4Fr-16cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM34016	3-4Fr-16cm-I	3-4Fr-16cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY34020	3-4Fr-20cm-Y	3-4Fr-20cm	0.018"*60cm	5.5Fr*6cm	20Ga	-	18Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM34020	3-4Fr-20cm-I	3-4Fr-20cm	0.018"*60cm	5.5Fr*6cm	-	20Ga	18Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY35508	3-5.5Fr-08cm-Y	3-5.5Fr-08cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM35508	3-5.5Fr-08cm-I	3-5.5Fr-08cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY35513	3-5.5Fr-13cm-Y	3-5.5Fr-13cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular

ICVM35513	3-5.5Fr-13cm-I	3-5.5Fr-13cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY35516	3-5.5Fr-16cm-Y	3-5.5Fr-16cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM35516	3-5.5Fr-16cm-I	3-5.5Fr-16cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY35520	3-5.5Fr-20cm-Y	3-5.5Fr-20cm	0.021"*60cm	6.5Fr*8cm	20Ga	-	16Ga	5mL	5mL	-	0.7mm	11#	Regular
ICVM35520	3-5.5Fr-20cm-I	3-5.5Fr-20cm	0.021"*60cm	6.5Fr*8cm	-	20Ga	16Ga	5mL	-	5mL	0.7mm	11#	Regular
CVMY37016	3-7Fr-16cm-Y	3-7Fr-16cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	7Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM37016	3-7Fr-16cm-I	3-7Fr-16cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	7Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY37020	3-7Fr-20cm-Y	3-7Fr-20cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	7Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM37020	3-7Fr-20cm-I	3-7Fr-20cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	7Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY37030	3-7Fr-30cm-Y	3-7Fr-30cm	0.035"*60cm	8.5Fr*10cm	18Ga	-	7Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM37030	3-7Fr-30cm-I	3-7Fr-30cm	0.035"*60cm	8.5Fr*10cm	-	18Ga	7Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY38516	3-8.5Fr-16cm-Y	3-8.5Fr-16cm	0.035"*60cm	9Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM38516	3-8.5Fr-16cm-I	3-8.5Fr-16cm	0.035"*60cm	9Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY38520	3-8.5Fr-20cm-Y	3-8.5Fr-20cm	0.035"*60cm	9Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM38520	3-8.5Fr-20cm-I	3-8.5Fr-20cm	0.035"*60cm	9Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY38530	3-8.5Fr-30cm-Y	3-8.5Fr-30cm	0.035"*60cm	9Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM38530	3-8.5Fr-30cm-I	3-8.5Fr-30cm	0.035"*60cm	9Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY48520	4-8.5Fr-20cm-Y	4-8.5Fr-20cm	0.035"*60cm	9Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular

ICVM48520	4-8.5Fr-20cm-I	4-8.5Fr-20cm	0.035"*60cm	9Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular
CVMY48530	4-8.5Fr-30cm-Y	4-8.5Fr-30cm	0.035"*60cm	9Fr*10cm	18Ga	-	8.5Fr	5mL	5mL	-	0.7mm	11#	Regular
ICVM48530	4-8.5Fr-30cm-I	4-8.5Fr-30cm	0.035"*60cm	9Fr*10cm	-	18Ga	8.5Fr	5mL	-	5mL	0.7mm	11#	Regular

Note: The type specifications of the Central Venous Catheter (CVC) Kit are divided according to the number of lumens, outer diameter, length and Introducer needles:

X-XX Ga/Fr-XXcm-Y/I



Example:

"2-7Fr-20cm-Y" represents the type specification of central venous catheter (CVC) kit, where "2-7Fr-20cm" represents the central venous catheter with double lumen, an outer diameter of 7Fr, and length of 20cm; the meaning of Y is Y model introducer needle.

"2-7Fr-20cm-I" represents the type specification of central venous catheter (CVC) kit, where "2-7Fr-20cm" represents the central venous catheter with double lumen, an outer diameter of 7Fr, and length of 20cm; the meaning of Y is I model introducer needle.