### **Blood Collection Needle With Safety Device**



#### Product composition:

-Disposable blood collection needle is composed of safety device, top protect cap, bottom protect cap, hub,needle tube and rubber cap. All parts and materials used for the products meet medical requirement, sterilized by ETO, pyrogen-free and safe.

#### Characteristic:

- -Latex free
- -The design of safe protector cap can shield the cannula after use, prevent needle point from stabbing nurse, patient or other people, which can effectively reduce infection



Safety Blood Collection Needle Type					
Gauge	OD(mm)	Color	Length		
23G	0.60	blue 🔵	1"~11/2"(25~38mm)		
22G	0.70	black	1"~11/2"(25~38mm)		
21G	0.80	green	1"~11/2"(25~38mm)		
20G	0.90	yellow 🛑	1"~11/2"(25~38mm)		
18G	1.20	pink •	1"~11/2"(25~38mm)		

Remark: normal size in above table, we can also make special size as clients'request.

KDL blood collection needle with safety device, the design of safe protector cap can shield the cannula after use. prevent needle point from stabbing nurse, patient or other people, which can effectively reduce infection. This kind of blood collection needle with safety device is a safe substitute of the general blood collection needle for clinical application.

#### Intended use:

-This kind of product which is used for blood collection is applicable for needle holder and vacuum tube for blood sample

#### Instruction for use







Put the other end of blood

#### One-handed operation









#### Professional needle tip design:

Professional needle tip design: accurate angle, moderate length, suitable for venous blood collection characteristics, fast puncture, less pain, less tissue damage



Sharp needle



Less pain Less bruise

Large inner diameter and high flow of needle tube

#### **Product features:**



Safety lock in safety deviceThere is a specific design of safety lock in safety device and it's more preferable for



Make safety device safety lock completely locked needle

Safety device

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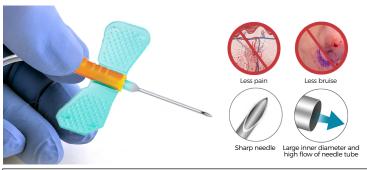


# **KNBCSS Type Safety Blood Collection Needle**



#### One-handed safety activation:

- -Allows for easy activation of the safety mechanism while attending to the patient / venipuncture site
- -Easier, safer blood collection for the healthcare worker, with no compromise to patient care



KNBCSS type safety blood collection needle is a KDL designed safety vein blood collection needle which connect safety scalp vein set with blood collection components. Push the safety protector after using up in order to shield off needle tip and avoid it stabbing nurse. The product have KNBCSS02 type and KNBCSS03 type with independent package for clinical choice.

#### Safety with the push of a button:

- -Provides immediate protection against needlestick injury
- -Ease of use reduces training requirements and improves activation compliance

#### In-vein needle retraction:

- -In-vein activation reduces the risk of healthcare worker exposure to a contaminated needle
- -Easy activation without additional patient discomfort
- -Ideal for use in high-risk environments

### Operation Method



1. Push the safety cover forward over the needle after using up

2. Make butterfly part totally lock into slot of safety device

#### Professional needle tip design:

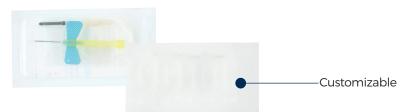
-Professional needle tip design: accurate angle, moderate length, suitable for venous blood collection characteristics, fast puncture, less pain, less tissue damage

#### Clinical use:

-Intended for blood collection and short-term infusion

KNBCSS02 TYPE & KNBCSSO3 TYPE								
Gauge	OD(mm)	Color	Size	KNBCSS02 TYPE REF	KNBCSS03 TYPE REF	Length		
25G	0.50	orange 🛑	25GX20	KNBCSS0225G20	KNBCSS0325G20	3/4"(20mm)		
23G	0.60	blue 🔵	23GX20	KNBCSS0223G20	KNBCSS0323G20	3/4"(20mm)		
22G	0.70	black	22GX20	KNBCSS0222G20	KNBCSS0322G20	3/4"(20mm)		
21G	0.80	green	21GX20	KNBCSS0221G20	KNBCSS0321G20	3/4"(20mm)		
20G	0.90	yellow 🛑	20GX20	KNBCSS0220G20	KNBCSS0320G20	3/4"(20mm)		
19G	1.10	cream 🛑	19GX20	KNBCSS0219G20	KNBCSS0319G19	3/4"(20mm)		

Remark: normal size in above table, we can also make special size as clients'request.



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# **KNBCHS Type Safety Blood Collection Needle**



#### One-handed safety activation:

- -Allows for easy activation of the safety mechanism while attending to the patient / venipuncture site
- -Easier, safer blood collection for the healthcare worker, with no compromise to patient care

#### Clinical use:

-Intended for blood collection



KNBCHS type safety blood collection needle is a KDL designed safety vein blood collection needle which connect safety hypodermic needle with blood collection components. Push the safety protector after using up in order to shield off needle tip and avoid it stabbing nurse. This product have KNBCHS01、KNBCHS2 type and KNBCHS03 type with independent package for clinical choice.

#### Safety with the push of a button:

- -Provides immediate protection against needlestick injury
- -Ease of use reduces training requirements and improves activation compliance

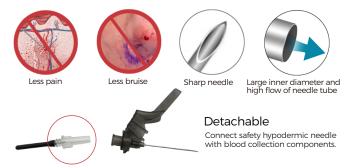


#### Safety device

Make safety device safety lock completely locked needle

#### Professional needle tip design:

Professional needle tip design: accurate angle, moderate length, suitable for venous blood collection characteristics, fast puncture, less pain, less tissue damage



KNBCHS01 TYPE & KNBCHS02 TYPE & KNBCHS03 TYPEZZ								
Gauge	OD(mm)	Color	Size	KNBCHS01 TYPE REF	KNBCHS02 TYPE REF	KNBCHS03 TYPE REF	Length	
23G	0.60	blue 🔵	23GX38	KNBCHS0123GX38	KNBCHS0223GX38	KNBCHS0323GX38	11/2"(38mm)	
22G	0.70	black	22GX38	KNBCHS0122GX38	KNBCHS0222GX38	KNBCHS0322GX38	11/2"(38mm)	
22G	0.70	black	22GX25	KNBCHS0122GX25	KNBCHS0222GX25	KNBCHS0322GX25	1"(25mm)	
21G	0.80	green	21GX38	KNBCHS0121GX38	KNBCHS0221GX38	KNBCHS0321GX38	11/2"(38mm)	
21G	0.80	green	21GX25	KNBCHS0121GX25	KNBCHS0221GX25	KNBCHS0321GX25	1"(25mm)	
20G	0.90	yellow 🛑	20GX38	KNBCHS0120GX38	KNBCHS0220GX38	KNBCHS0320GX38	11/2"(38mm)	
18G	1.20	pink 🛑	18GX38	KNBCHS0118GX38	KNBCHS0218GX38	KNBCHS0318GX38	11/2"(38mm)	

Remark: normal size in above table, we can also make special size as clients'request.



1. After collection of the blood, holding thumb press down on the safety device of the holder.

2. Make safety device safety lock completely locked needle.

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## **KNBCP02 Type Blood Collection Needle**

-Visible blood flashback



#### Features:

- -High quality ultra-sharp needle assure traumatic insertion and painless penetration
- -The product has a visible blood return cavity to ensure that blood return is visible immediately after the needle is punctured
- -Perfect fit with Needle holder or use directly with Blood collection tube
- -Latex free, EO sterile, non toxic, non pyrogenic
- -Specification is identified by the colors of protective cap, which is easy to distinguish and use;



KNBCP02 Type						
Gauge	OD (mm)	Color	Color	REF	Length	
23G	0.60	blue 🔵	23GX25	KNBCP0223G25	1"(25mm)	
23G	0.60	blue 🔵	23GX38	KNBCP0223G38	11/2"(38mm)	
22G	0.70	black	22GX38	KNBCP0222G38	11/2"(38mm)	
22G	0.70	black	22GX25	KNBCP0222G25	1"(25mm)	
21G	0.80	green	21GX38	KNBCP0221G38	11/2"(38mm)	
21G	0.80	green	21GX25	KNBCP0221G25	1"(25mm)	

Remark: normal size in above table, we can also make special size as clients'request.

Transparent-designed Blood Collection Needle (Type KNBCPO2) is a special design from KDL. When the blood is taken from the vein, this product can make the observation of transfusion condition become possible through the transparent design of the tube. Thus, the possibility of a successful blood-taking is greatly increased. in addition, this product has avioded the patients pain and soft tissue iniury caused by 'guessing puncture'or repetitive puncture which reduces the worklaod of doctors and nurses. Besides, the pain brought to the patients can be relieved and the waste of medical instrument can be minimised. Currently, it has become a comparatively safe puncturing instrument in the application of blood taking in the clinic.



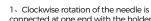
#### Professional needle tip design:



Professional needle tip design: accurate angle, moderate length, suitable for venous blood collection characteristics, fast puncture, less pain, less tissue damage

#### Operation Method







2. After puncture can be seen blood

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