

**DISPOSABLE
BLOOD COLLECTION NEEDLE**



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KNBCSS Type Safety Blood Collection Needle

KNBCSS type safety blood collection needle is 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.



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

KNBCSS02 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|----------|--------|---------------|-------------|
| 25G | 0.50 | orange ● | 25Gx20 | KNBCSS0225G20 | 3/4" (20mm) |
| 23G | 0.60 | blue ● | 23Gx20 | KNBCSS0223G20 | 3/4" (20mm) |
| 22G | 0.70 | black ● | 22Gx20 | KNBCSS0222G20 | 3/4" (20mm) |
| 21G | 0.80 | green ● | 21Gx20 | KNBCSS0221G20 | 3/4" (20mm) |

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

KNBCSS03 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|----------|--------|---------------|-------------|
| 25G | 0.50 | orange ● | 25Gx20 | KNBCSS0325G20 | 3/4" (20mm) |
| 23G | 0.60 | blue ● | 23Gx20 | KNBCSS0323G20 | 3/4" (20mm) |
| 22G | 0.70 | black ● | 22Gx20 | KNBCSS0322G20 | 3/4" (20mm) |
| 21G | 0.80 | green ● | 21Gx20 | KNBCSS0321G20 | 3/4" (20mm) |

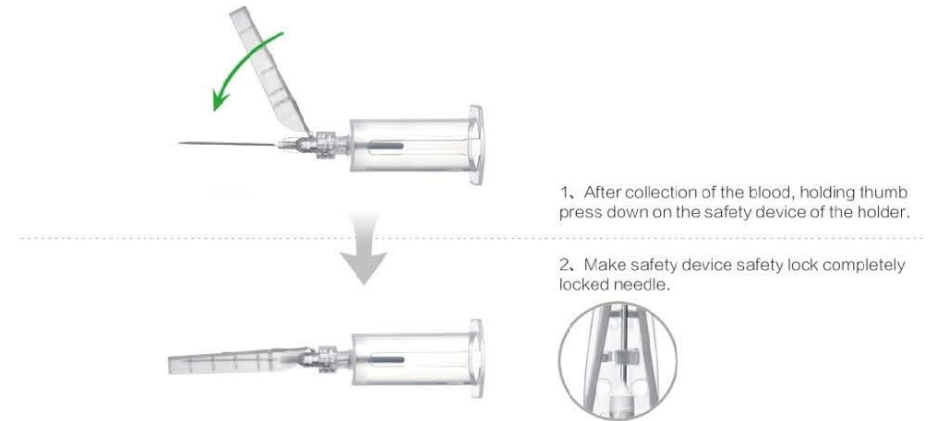
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KNBCHS Type Safety Blood Collection Needle

KNBCHS type safety blood collection needle is 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、KNBCHS02 type and KNBCHS03 type with independent package for clinical choice.



OPERATION METHOD



KNBCHS01 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|---------------|---------------|
| 23G | 0.60 | Blue | 23Gx25 | KNBCHS0123G25 | 1" (25mm) |
| 23G | 0.60 | Blue | 23Gx32 | KNBCHS0123G32 | 1 1/4" (32mm) |
| 23G | 0.60 | Blue | 23Gx38 | KNBCHS0123G38 | 1 1/2" (38mm) |
| 22G | 0.70 | Black | 22Gx38 | KNBCHS0122G38 | 1 1/2" (38mm) |
| 21G | 0.80 | Green | 21Gx38 | KNBCHS0121G38 | 1 1/2" (38mm) |
| 20G | 0.90 | Yellow | 20Gx38 | KNBCHS0120G38 | 1 1/2" (38mm) |
| 18G | 1.20 | Pink | 18Gx38 | KNBCHS0118G38 | 1 1/2" (38mm) |

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

KNBCHS02 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|---------------|---------------|
| 23G | 0.60 | Blue | 23Gx25 | KNBCHS0223G25 | 1" (25mm) |
| 23G | 0.60 | Blue | 23Gx32 | KNBCHS0223G32 | 1 1/4" (32mm) |
| 23G | 0.60 | Blue | 23Gx38 | KNBCHS0223G38 | 1 1/2" (38mm) |
| 22G | 0.70 | Black | 22Gx38 | KNBCHS0222G38 | 1 1/2" (38mm) |
| 21G | 0.80 | Green | 21Gx38 | KNBCHS0221G38 | 1 1/2" (38mm) |
| 20G | 0.90 | Yellow | 20Gx38 | KNBCHS0220G38 | 1 1/2" (38mm) |
| 18G | 1.20 | Pink | 18Gx38 | KNBCHS0218G38 | 1 1/2" (38mm) |

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

KNBCHS03 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|---------------|---------------|
| 23G | 0.60 | Blue | 23Gx25 | KNBCHS0323G25 | 1" (25mm) |
| 23G | 0.60 | Blue | 23Gx32 | KNBCHS0323G32 | 1 1/4" (32mm) |
| 23G | 0.60 | Blue | 23Gx38 | KNBCHS0323G38 | 1 1/2" (38mm) |
| 22G | 0.70 | Black | 22Gx38 | KNBCHS0322G38 | 1 1/2" (38mm) |
| 21G | 0.80 | Green | 21Gx38 | KNBCHS0321G38 | 1 1/2" (38mm) |
| 20G | 0.90 | Yellow | 20Gx38 | KNBCHS0320G38 | 1 1/2" (38mm) |
| 18G | 1.20 | Pink | 18Gx38 | KNBCHS0318G38 | 1 1/2" (38mm) |

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

KNBCP Type Blood Collection Needle

Blood Collection Needle (Type KNBCP) is a comparatively economical needle. With its simple design and low inner volume of the tube, it can be easily handled and the blood sample can be fully collected by the clinic. Therefore, it is considered to be a very economical and useful blood collection needle.



KNBCP01 (Pen) TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|--------------|---------------|
| 23G | 0.60 | blue | 23Gx25 | KNBCP0123G25 | 1" (25mm) |
| 23G | 0.60 | blue | 23Gx32 | KNBCP0123G32 | 1 1/4" (32mm) |
| 23G | 0.60 | blue | 23Gx38 | KNBCP0123G38 | 1 1/2" (38mm) |
| 22G | 0.70 | black | 22Gx38 | KNBCP0122G38 | 1 1/2" (38mm) |
| 21G | 0.80 | green | 21Gx38 | KNBCP0121G38 | 1 1/2" (38mm) |
| 20G | 0.90 | yellow | 20Gx38 | KNBCP0120G38 | 1 1/2" (38mm) |
| 18G | 1.20 | pink | 18Gx38 | KNBCP0118G38 | 1 1/2" (38mm) |

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

KNBCH01 (Injection Needle) TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|--------------|---------------|
| 23G | 0.60 | blue | 23Gx25 | KNECH0123G25 | 1" (25mm) |
| 23G | 0.60 | blue | 23Gx32 | KNECH0123G32 | 1 1/4" (32mm) |
| 23G | 0.60 | blue | 23Gx38 | KNECH0123G38 | 1 1/2" (38mm) |
| 22G | 0.70 | black | 22Gx38 | KNECH0122G38 | 1 1/2" (38mm) |
| 21G | 0.80 | green | 21Gx38 | KNECH0121G38 | 1 1/2" (38mm) |
| 20G | 0.90 | yellow | 20Gx38 | KNECH0120G38 | 1 1/2" (38mm) |
| 18G | 1.20 | pink | 18Gx38 | KNECH0118G38 | 1 1/2" (38mm) |

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

KNBCS Type of Blood Collection Needle

Blood Collection Needle (Type KNBCS) is a medical instrument which combines the butterfly-winged infusion set with the blood collecting set. Now, it has been applied into clinical use. Through the end of the extension tube of blood collection needle, the transfusion condition can be well observed, which makes blood collection become successful.

Currently has produced single-winged blood collection needle (Type KNBCS01), butterfly-winged blood collection needle (Type KNBCS02) and butterfly-winged blood collection needle with holder (Type KNBCS03) for clinical uses.

KNBCS01 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|-------|--------|--------------|---------------|
| 23G | 0.60 | blue | 23Gx25 | KNBCS0123G25 | 1" (25mm) |
| 22G | 0.70 | black | 22Gx25 | KNBCS0122G25 | 1" (25mm) |
| 21G | 0.80 | green | 21Gx28 | KNBCS0121G28 | 1 1/2" (38mm) |

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

KNBCS02 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|--------------|-------------|
| 25G | 0.50 | orange | 25Gx20 | KNBCS0225G20 | 3/4" (20mm) |
| 23G | 0.60 | blue | 23Gx20 | KNBCS0223G20 | 3/4" (20mm) |
| 22G | 0.70 | black | 22Gx20 | KNBCS0222G20 | 3/4" (20mm) |
| 21G | 0.80 | green | 21Gx20 | KNBCS0221G20 | 3/4" (20mm) |
| 20G | 0.90 | yellow | 20Gx20 | KNBCS0220G20 | 3/4" (20mm) |

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

KNBCS03 TYPE

| Gauge | OD(mm) | Color | SIZE | REF | Length |
|-------|--------|--------|--------|--------------|-------------|
| 25G | 0.50 | orange | 25Gx20 | KNBCS0325G20 | 3/4" (20mm) |
| 23G | 0.60 | blue | 23Gx20 | KNBCS0323G20 | 3/4" (20mm) |
| 22G | 0.70 | black | 22Gx20 | KNBCS0322G20 | 3/4" (20mm) |
| 21G | 0.80 | green | 21Gx20 | KNBCS0321G20 | 3/4" (20mm) |
| 20G | 0.90 | yellow | 20Gx20 | KNBCS0320G20 | 3/4" (20mm) |

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



KH Safety Holder

Blood Collection Needles with Safety Holder is a protective product applied in the clinical venous sampling which is achieved by blood collection needles to secure the operators. This product can be used in combination with the pen-type blood collection needle (Type KNBCP01) produced by our company and other blood collection needles of same structure in the market. And after the combination of two, the point of the needle can be perfectly isolated, which ensures that the needle will not accidentally hurt the doctors and patients. Thus, infection can be effectively reduced. Therefore, this product now has come to become the most common and safe auxiliary medical instrument of the blood collection needles in the application of the clinical department of hospital.



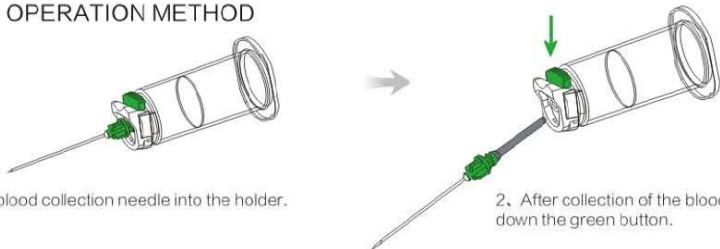
KH05 OPERATION METHOD



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

2、 Make safety device safety lock completely locked needle.

KH06 OPERATION METHOD



1、 Put blood collection needle into the holder.

2、 After collection of the blood, thumb press down the green button.

Parts

BLOOD COLLECTION NEEDLE PARTS



| NO. | Gauge | SIZE | REF | REMARK | DIAGRAM |
|-----|-------|----------|-------------|--------|---------|
| 1 | 20G | 0.9x21mm | KNLA0220G21 | AES | |
| 2 | 21G | 0.8x19mm | KNLA0321G19 | AES | |
| 3 | 21G | 0.8x19mm | KNLA0421G19 | AES | |
| 4 | 21G | 0.8x19mm | KNLA0521G19 | PP | |
| 5 | 21G | 0.8x19mm | KNLA0621G19 | AES | |
| 6 | 21G | 0.8x19mm | KNLA0721G19 | AES | |

HOLDER PARTS FOR BLOOD COLLECTION NEEDLE



| ARTWORK NO. | SIZE | REF | DIAGRAM |
|-------------|--------|---------|---------|
| CTZ.41.00C | 0.8x19 | KNECH01 | |
| CTZ.176.00 | 0.9x19 | KNECH02 | |
| CTZ.177.00 | 0.9x19 | KNECH03 | |

HOLDER



| ARTWORK NO. | REF | DIAGRAM |
|-------------|------|---------|
| CTZ.Ix.143 | KH01 | |
| CTZ.Ix.153 | KH02 | |
| CTZ.Ix.152 | KH06 | |