

# Hazardous drug safety



## Drug preparation



We offer various drug preparation needles for safety drug admixture, minimizes the risk of needle stick injury while drawing up medication, medication re-constitution and accessing IV bags.

## Aspiration needle with safety shield

### Features

- ▶ USA Patent pending, PCT with a priority date already initiated.
- ▶ FDA 510K approved.
- ▶ The shield that prevents accidental needle stick injury, 100% to protect the doctors and nurses from the danger.
- ▶ Intended for aspiration of medications from all kinds of vials safely.
- ▶ Injection of medications into IV rubber ports safely.
- ▶ Transfer of biological specimens, blood into vacuum specimen tubes safely.
- ▶ Compatible with standard luer slip and luer lock syringes.

FDA 510k approved



## Blunt needle with/without filter

Blunt needle is a sterile, single use device used for safety drug admixture.

### Features

- ▶ 45° bevel angle optimized for fluid transfer with e.g. stoppered vials, glass and plastic ampoules.
- ▶ 45° bevel angle thin walled cannula for faster draw-up (up to 20% higher draw-up speed in comparison to comparable products in the market).
- ▶ Made of stainless steel with special smoothing bevel.
- ▶ Blunt smoothing bevel design minimizes the risk of needle stick injury while drawing up medication, medication re-constitution and accessing IV bags.
- ▶ Red colored hub and protective cap for clear differentiation.
- ▶ Blunt needle with filter with a 5micro filter membrane to prevent glass particles being drawn into the syringe when preparing medication from ampoules.



# Hazardous drug safety



## Drug preparation



### Curved needle

#### Features

- ▶ The curved needle will reduce the risk of needle stick injuries.
- ▶ To avoid cutting the rubber pieces during the penetration.



Curved needle



Side hole needle

### Side hole needle

#### Features

- ▶ The side hole needle could avoid cutting the rubber pieces during the penetration.

Spec.	Size	type	code
Blunt needle	14G	without filter	BLN14
Blunt needle	16G	without filter	BLN16
Blunt needle	18G	with filter / without filter	BLNF18/BLN18
Blunt needle	19G	with filter / without filter	BLNF19/BLN19
Blunt needle	20G	without filter	BLN20
Blunt needle	21G	without filter	BLN21
Curved needle	14G		CVN14
Curved needle	15G		CVN15
Curved needle	16G		CVN16
Curved needle	17G		CVN17
Curved needle	18G		CVN18
Side hole needle	16G		SHN16
Side hole needle	18G		SHN18
Aspiration needle	18G		ASN18

# Hazardous drug safety



## Drug preparation



### Needle free system

Needle-free system offer a safe way to access IV lines without the use of a needle, which greatly reduces the risk of accidental needle stick injuries.



SafespikeF

#### Features

- ▶ Needle-free system that utilizes split septum technology similar to that of a conventional needle system.
- ▶ A blunt plastic cannula replaces the standard needle, to provide needle-free safety while requiring little or no change in existing protocol or IV procedures.
- ▶ Designed to eliminate accidental needle stick.
- ▶ Provides a swabbable injection site that is a closed system, accessed by inserting a cannula.
- ▶ Designed to ensure a safe, secure connection with Clip Lock cannula.
- ▶ Compatible with IV fluids, including blood and lipids.
- ▶ Visually inspect — with a clear outer housing that allows visible flush confirmation, and an open fluid path that has no fluid entrapment areas.
- ▶ Clean — its smooth access surface facilitates effective cleaning and disinfection.
- ▶ Connect — minimal connection force is needed, allowing quick, effortless access and easy syringe connection.
- ▶ We offer a variety of needleless connector devices to meet the desired need of individual facilities.

Code	Description
Safesite	Compatible with IV fluids, including blood and lipids.
SafesiteY	Compatible with infusion set and IV burettes
SafesiteP	Innovative positive displacement feature is designed to help reduce catheter occlusions while preventing healthcare workers from accidental needlestick injuries. Compatible with IV catheter.
Safespike	Compatible with all infusion bottle or medication vial, the ergonomic grip design is ideal for clinician handling and patient comfort, offering an easy-grip barrel designed to minimize slips and touch contamination, help make reconstituting, admixing and IV drug delivery secure and cost-effective.
SafespikeF	With filter, help make reconstituting, admixing and IV drug delivery secure and cost-effective. Help ensure fluid integrity by removing contaminated particles with a broad range of filtration devices. 1, Min. dia. of filter: 0.45µm 2, Min. dia. of filter: 5µm



Safesite

SafesiteP

SafesiteY

# Hazardous drug safety

## Sharps disposal solutions



### Safety box for the disposal of used sharps

It could contain used contaminated sharps (including syringe, needles, phlebotomy devices, suture needles, IV insert needles, butterflies, lancets, scalpels) safely and efficiently, until safe disposal or recycling:

- At the point of use
- During temporary storage
- During handling and transport to the point of treatment and final disposal.

#### Features

- ▶ Exactly meet the requirements of WHO/PQS/E10/SB01.1.
- ▶ Resistance average force of penetration more than 15N from each position.
- ▶ Resistance damage during 100 drops from height of 0.8m.
- ▶ Resistance temperatures of up to 170 C periods up to 30minutes.
- ▶ Resistance to 48 hours at 43 C and 90% relative humidity in 5mm of water.
- ▶ Could be supplied flat-packed to minimize shipping and storage volume.
- ▶ Clearly marked with international bio-hazard warning.
- ▶ Could be carried in one hand without spillage of contents and without risk of needle stick injury.
- ▶ The Bio-degradable cardboard recycled material is used.
- ▶ Non-toxic inks, glues and dyes.
- ▶ Clear pictorial instructions without writing.
- ▶ Chinese invention patented.

Code	Size	Sharp aperture dimension
SBS1.25	1.25L	Dia. 38mm
SBS2.5	2.5L	Dia. 38mm
SBS5	5L	Dia. 38mm
SBS10	10L	Dia. 38mm
SBS15	15L	Dia. 38mm
SBS20	20L	Dia. 38mm

● Colors: Unbleached sulphate board, or non-chlorine bleached white, or yellow

# Hazardous drug safety

## Sharps disposal solutions



### Sharp container

The waste containers used for disposal of hospital waste, it is characterized by an elevated level of safety and reliability. The material used for production guarantee the solidity, the hermetic closure, and the high resistance to shock and puncture. The containers are equipped with disposable lids.



Code	Volume (L)	Diameter (cm)	Height (cm)
SC-1R	1.0	11.5	12.5
SC-2R	2.0	13.5	14.5
SC-3R	3.0	16.5	17
SC-4R	4.0	17.5	18.5
SC-5R	5.0	19.5	20
SC-6.5R	6.5	21.0	21
SC-8R	8.0	23.0	23
SC-15R	15.0	27.0	27
SC-3.5S	3.5	20×16×13	
SC-5S	5.0	25×20×15	
SC-8S	8.0	30×22×16	
SC-15S	15.0	30×22×30	
SC-30S	30.0	34.5×24.5×42	



# Hazardous drug safety

## Sharps disposal solutions



### Ultimate sharps safety stations (needle counter)

It is used for needle or sutures counting in the operation room, dangerous sticks from uncounted needles. Can be safely avoided from the needle stick injury.

#### Features

- ▶ We offer a wide selection of counting and disposal systems that utilize foam block, foam strip, adhesive or magnetic retention.
- ▶ Each system is housed in a flexible, impact-resistant plastic box that provide protection while minimizing unnecessary handling.
- ▶ We have USA PETENT for needle counter with more safety and function, exclusive authorized manufacturer in China.
- ▶ PCT with a priority date was already initiated.
- ▶ Detachable halves allow the same needle counter to be used in two separate areas.
- ▶ 2 universal needle safety holding device enable to hold either disposable syringe or scalpel.
- ▶ Surgical blade safety removal device with a protection wall to protect the jumping of blades.
- ▶ A needle sheathing safety device to help user's hand free and clear of the needle.
- ▶ The safety lock device guarantees the needle or blade will not slip from the gap of needle counter.
- ▶ The combination of latch and hinge provides a surprisingly secure, simple and inexpensive integrally safety box.



Code	Counts	Spec.
NC10	10	Magnet/ foam block/ foam strips/adhesive magnet strip/ clear lid are optional
NC15	15	
NC20	20	
NC30	30	
NC40	40	
NC60	60	Ultimate with safety needle, blade removal device, and safety lock device
NC80	80	
UNC20-1	20	
UNC20-2	20	
UNC40-1	40	
UNC40-2	40	

### Endoscope transport pad

It is used to pack the disposal medical drape and kits after surgery, with the drawstring design which is easy for disposal.  
Dimension: 93\*100cm with core size: 41\*100cm, Paper + PE material 90g.  
Any customization sizes are available.



ETP01

# Hazardous drug safety

## Safety medical products for NEEDLE STICK PREVENTION



Although the Needle Stick Safety and Prevention Act was signed into legislation in the United States in 2000, there still remains much to be done to protect health care workers against sharps injuries that potentially expose them to deadly blood borne pathogens. According to recent research, (2011 Healthcare Worker Risks from Short Peripheral Catheter Insertion), percutaneous injuries to healthcare workers from a sharps device are four times more likely to occur than mucocutaneous exposure and pose a greater threat to disease transmission. Also, according to the 2008 Study of Nurses Views on Workplace Safety and Needle Stick Injuries, nearly two-thirds of US nurses say needle stick injuries and blood borne infections remain major concerned.

In order to protect health care workers against sharps injuries, KB Medical Group is committed to address these issues by providing the most effective safety-engineered therapy devices for optimum safety in the hospitals.

Our safety family products includes:  
(For detail product information, go to the page mentioned below) :

- ▶ Safety scalp vein set (Page 1).
- ▶ Safety IV cannula (Page 6).
- ▶ Safety syringe (Page 11-13).
- ▶ Safety needle (Page 14-15).
- ▶ Auto-Disable syringe (Page 17-18).
- ▶ Safety drug preparation needle (Page 22-23).
- ▶ Needle free system (Page 24).
- ▶ Safety box for the disposal of used sharps (Page 25).
- ▶ Sharp container (Page 26,52).
- ▶ Ultimate sharps safety stations (Page 27).
- ▶ Safety blood collection needle (Page 34).
- ▶ Safety blood lancet (Page 35).
- ▶ Safety fistula needle (Page 47).
- ▶ Safety insulin syringe (Page 49-50).
- ▶ Safety insulin pen needle (Page 51).



# CATALOGUE CATEGORIES



## Infusion therapy



Page 1-9

- Wide range of a safety way for injection of vein for medication infusion.
- Safety scalp vein set
  - Scalp vein set
  - Infusion set
  - IV burette
  - IV cannula
  - Safety IV cannula
  - IV cannula dressing
  - Sterile IV start kit
  - Extension tube
  - Three way stopcock

## Syringe and needle



Page 10-21

- A complete range of syringes for injection or harvesting of biological material with safety protection.
- Disposable syringe with needle
  - Disposable syringe with safety needle
  - Safety syringe
  - Safety needle
  - Disposable hypodermic needle
  - Auto-Disable syringe for fixed-dose immunization
  - Pre-filled flush syringe
  - Dental needle
  - Irrigation needle
  - Suture removal Set
  - Veterinary needle
  - Hard pack syringe

## Hazardous drug safety



Page 22-28

- Various drug preparation needles for safety drug admixture and disposal of used sharps.
- Aspiration needle with safety shield
  - Blunt needle with/without filter
  - Curved needle
  - Side hole needle
  - Needle free system
  - Safety box for the disposal of used sharps
  - Sharp container
  - Endoscope transport pad
  - Ultimate sharps safety stations (needle counter)
  - Safety medical products for NEEDLE STICK PREVENTION

## Safety medical products



Page 28

- Wide range of safety medical products to protect health care workers against sharps injuries.
- Safety scalp vein set
  - Safety IV cannula
  - Safety needle
  - Safety syringe
  - Auto-Disable syringe
  - Safety blood collection needle
  - Safety blood lancet
  - Safety insulin pen needle
  - Safety insulin syringe
  - Safety fistula needle
  - Safety drug preparation needle
  - Ultimate sharps safety stations
  - Needle free system
  - Safety box for the disposal of used sharps
  - Sharp container

## Nutrition therapy



Page 29-32

- Various components for nutrition therapy which is compliant with the ISO80369-3 to help reduce the risk of misconnections.
- ENFit@syringe
  - The ENFit@ connector
  - ENFit@ Feeding set
  - Oral syringe
  - Irrigation syringe

## Specimen collection



Page 33-36

- Our safety blood collection system help eliminate accidental needle stick injuries when collection blood sample.
- Blood collection needle
  - Safety blood collection needle
  - Safety lancet
  - Blood collection tube

## Anesthesia & pain management



Page 37-39

- Wide range of products for subdural, lower thorax and lumbar spinal puncture.
- Spinal needle
  - Anesthesia kit
  - High pressure manifold
  - NRFit™ syringe

## Transfusion therapy



Page 40-42

- Complete range of safety way to collect, preserve, filtration and administration for human blood and blood components.
- Gravity blood administration sets
  - Blood bag
  - Cord blood bag

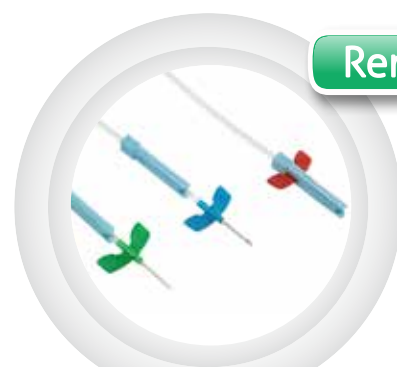
## Urinary care



Page 43-46

- We provide solutions to help improve patient safety and infection prevention in urinary care.
- Urine drainage bag
  - Leg bag
  - Urine meter
  - Irrigation tray
  - Irrigation syringe

## Renal therapy



Page 47-48

- Innovative, high performance products and services for use in dialysis, provide a basis which targets improved clinical outcomes for the patient, while minimizing costs and risks for the healthcare providers.
- Fistula needle
  - Safety fistula needle
  - Blood line
  - Hemodialysis care kit

## Diabetes care



Page 49-52

- Complete range of the diabetes needles and the innovative safety insulin syringe offers comfort and easy insulin therapy Injection, also help eliminate accidental needle stick injury.
- Safety insulin syringe
  - Insulin syringe
  - Insulin pen needle
  - Safety insulin pen needle
  - Sharp disposal container for insulin pen needle
  - Alcohol swab





## KB MEDICAL(GROUP),INC.

### Our Headquarter

Add.: 9650 Research Drive, Suite A, Irvine, California 92618, USA

Tel: 1-949-333-3785

Email: [info@kbmed.com](mailto:info@kbmed.com)

Website: [www.kbmed.com](http://www.kbmed.com)

### Our production unit

Jiangsu Kangbao Medical Equipment Co. Ltd.

Add.: No. 78, North Suzhong Road, Baoying, Yangzhou city, Jiangsu, China 225800

### Our commercial office

Hangzhou Best Valley Medical Technology Co. Ltd.

Add.: Room 1105, Tower A, Wufutianxinglong Mansion,

No. 358 East Fengqi Road, Jianggan district, Hangzhou, China 310020

Tel: 0086-571-87987813, 87975379, 87983593

Email: [susan@bestvalleymedical.com](mailto:susan@bestvalleymedical.com)

Website: [www.kbmed.com](http://www.kbmed.com)



## KB Medical Group

The Specialist in  
Safety Medical Products  
and Nutrition Care

[www.kbmed.com](http://www.kbmed.com)

PRODUCT CATALOGUE



# KB Medical Group



KB Medical Group was founded in Irvine, California.

A professional company specialized in producing innovative Safety Medical Products to protect health care workers against sharps injury. KB Medical Group is committed to address these issues by providing the most effective safety-engineered therapy devices for optimum safety in the hospitals.

In the past several years, KB Medical Group focus on working on a wide variety of innovative, high-quality enteral feeding products and accessories uniquely designed for delivering nutrition and medication to pediatric and adult patients. This new standard ENFit® connection has been introduced in-line with ISO80369-3 has a unique enteral-specific design that help reduce the risk of enteral tube feeding misconnections and improve the patient safety.

## KB Medical Group in the world

- Our Headquarter: Irvine, California, USA.
- Our production unit: Jiangsu Kangbao Medical Equipment Co. Ltd. is our professional manufacturer in Jiangsu province, China (1 hour away Shanghai) for more than 30 years.
- Our commercial office: Hangzhou Best Valley Medical Technology Co. Ltd. is our Commercial Center in China which is located at Hangzhou, Zhejiang province (40minutes away Shanghai), the center in charge of the business communication with customers, arrange the customers for visiting plan, QA audit, also provide service for the registration documents and documentary works.

## Key facts of our KB Medical Group

600

Employees

Over 70,000m<sup>2</sup>

Land of production unit in China

Over 12,000m<sup>2</sup>

Clean room in China ( 100,000 grade)

Over 40,000m<sup>2</sup>

Workshops in China

3

Subsidiaries

Over 200

Worldwide distributors

## Quality, Certificate, Innovation

EN ISO 13485: 2012

CE

FDA

Over 24

Registration Certificate in SFDA China

Over 6

Invention Patent

Over 12

Utility Model Patent

High-Tech

Enterprise





# Key facts of our production unit



- 40 sets Injection molding machines
- 16 sets Auto printing lines for syringes
- 8 sets Auto-assembling machines for syringes
- 8 sets Blister packing machines
- 8 sets Auto-loading packing machines for syringe (1/3/5/10/20/60/100ml)
- 1 set Auto-assembling machine for infusion set
- 1 set Auto-assembling machine for scalp vein set
- 3 sets Auto-assembling machines for hypodermic needle
- 3 sets Modernization testing lab for Physical, Chemical and Biological
- 3 sets EO Sterilization chamber



▲ Disposablesyringeworkshop



▶ Hypodermicneedleworkshop



▼ Injectionmoldingworkshop



Testing center ▶

