

Safety Devices



Injection Devices



Dental Devices



Blood Collection Devices



Diabetic Devices



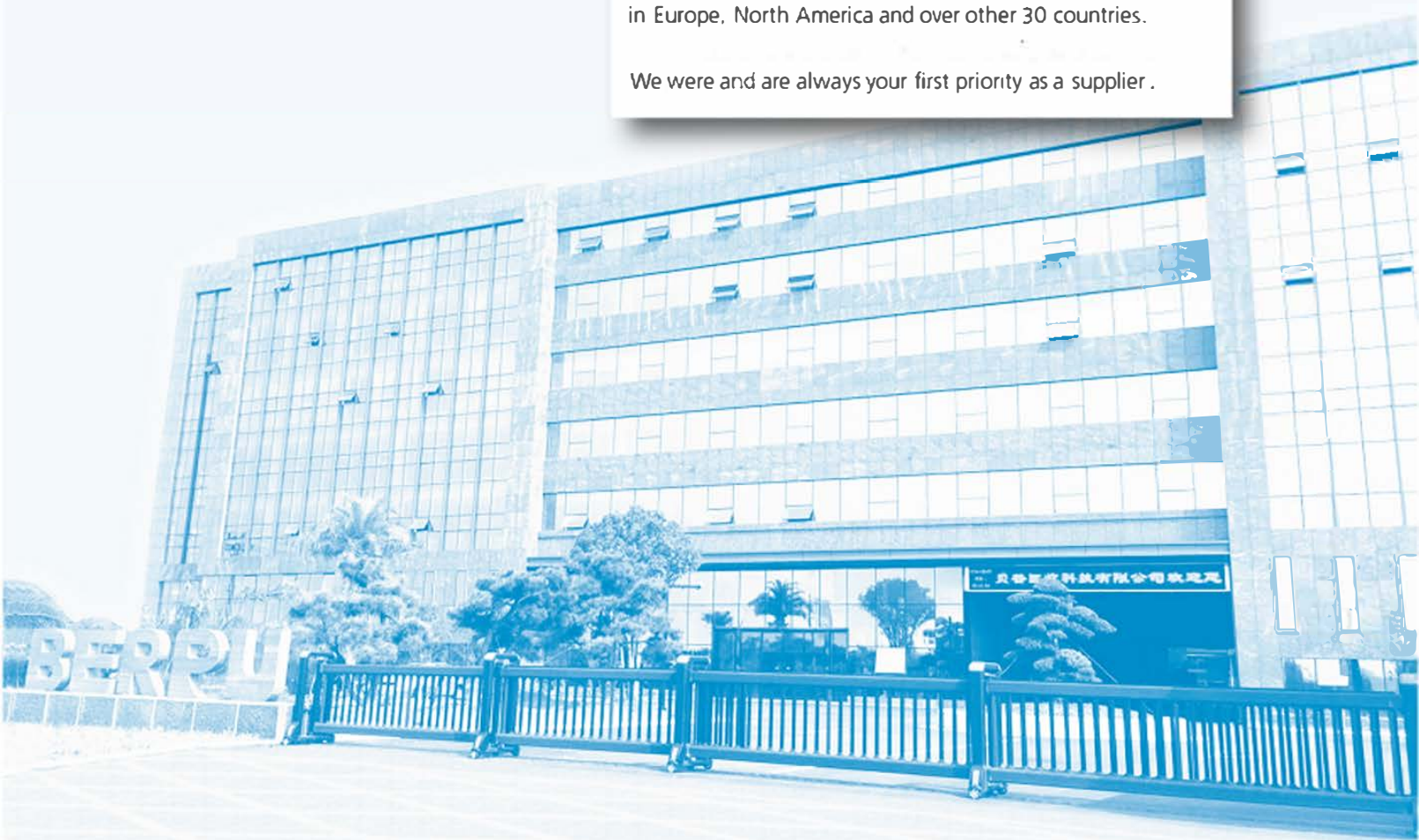
SNS Contract manufacturing facility is founded in 2000, is a well-established disposable medical device manufacturer. Our USA headquarters is in California, and plant is in Zhejiang Province with 59,000m² covered area and 12,000m² of 100,000 class clean rooms.

With more than 15 years experience, we concentrate on development, design and manufacture of high-quality disposable medical devices for the health-care industry. We developed quality and product system in accordance with ISO9001:2008 and ISO13485:2012. Our products are all CE marked and also have US FDA 510(k) approval. As a supplier of products mainly for human use, quality is of utmost importance and always comes first at SNS.

By using state-of-the-art production technologies, we constantly improve the quality of our products and optimize of the processes to the benefit of our clients. Trying to provide our clients with the newest products and opportunities to win in their market, therefore to obtain a win-win cooperation.

SNS sales and customer support teams are experienced with many years of industry expertise. This ensures our customers the highest level of focused advice and straightforward service. We have rich experience in working with many famous branded companies and firms in Europe, North America and over other 30 countries.

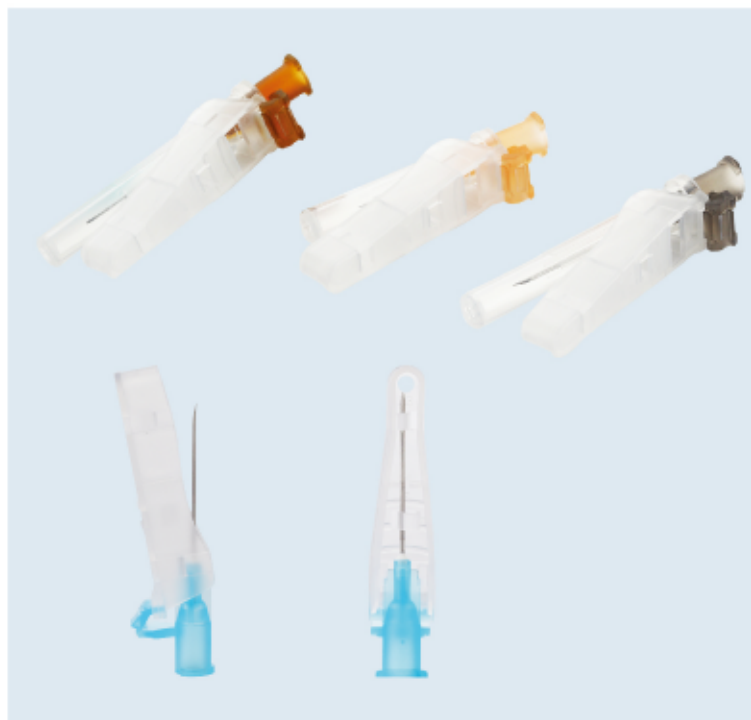
We were and are always your first priority as a supplier .


















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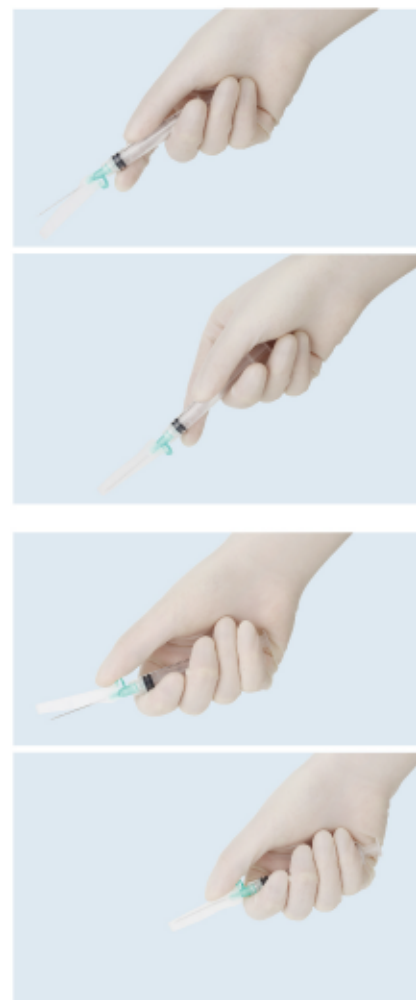
- ▶ Safety cover for preventing accident and reuse
- ▶ Single-handed activation
- ▶ Standard hub is compatible with all standard luer lock or slip tip syringes
- ▶ Bevel oriented needle for easy injection
- ▶ Complete product line offer flexibility for various clinical demands



Materials:

- ▶ Needle tube: stainless steel according to ISO9626
- ▶ Needle hub: polypropylene hub according to ISO7864 and ISO6009 (color coding)
- ▶ Protective cap: polypropylene according to ISO7864

Needle Size		Color Code	Package
29Gx1/2"	0.33x12mm		100pcs/inner box; 2000pcs/ctn
27Gx5/8"	0.40x16mm		
26Gx4/5"	0.45x20mm		
25Gx4/5"	0.50x20mm		
24Gx1"	0.55x25mm		
23Gx1"	0.60x25mm		
23Gx1 1/4"	0.60x30mm		
22Gx1 1/4"	0.70x30mm		
21Gx1 1/2"	0.80x40mm		
20Gx1 1/2"	0.90x40mm		
19Gx1 1/2"	1.10x40mm		
18Gx1 1/2"	1.20x40mm		
16Gx1 1/2"	1.60x40mm		



- ▶ Retract the needle back into the barrel and breaks the plunger to prevent second use and hurt
- ▶ Luer lock tip match with all hypodermic needles with standard hub
- ▶ Special protection design on plunger for avoiding activation occasionally
- ▶ Comfort movement and convenient using
- ▶ Clear, bold gradations
- ▶ Ultra sharp needle minimizes injection pain
- ▶ Available size from 1ml to 10ml
- ▶ 1ml with fixed needle
- ▶ 3ml, 5ml and 10ml compatible with all standard hypodermic needles



USE STEP



Pull the plunger and absorb medicine liquid.



Push the plunger to inject, the self destructive device starts



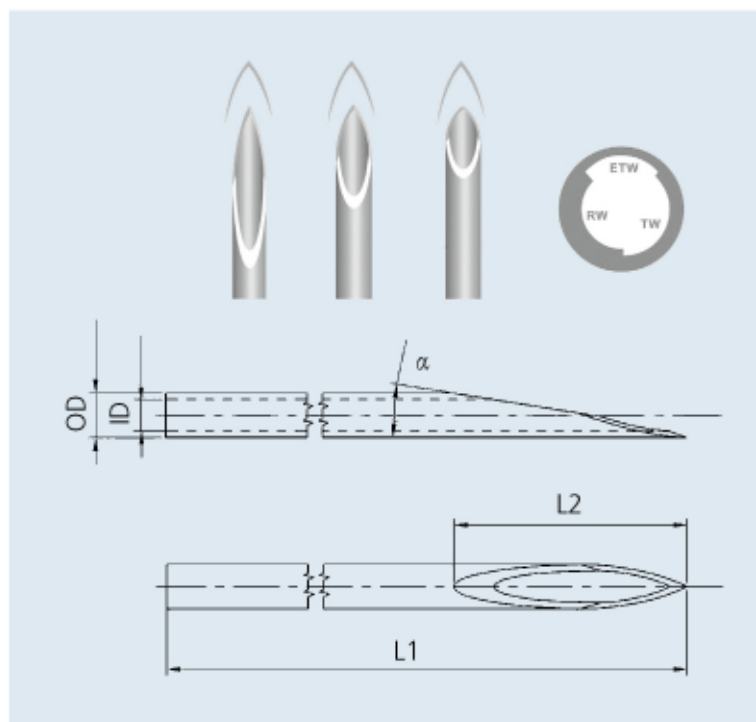
After injection, pull back the plunger, the self-locking bayonet of barrel will prevent the plunger pulled out or rebound.



Break off plunger and discard into the medical waste bin.

Syringe Size	Needle	Package
1ml	23G×1"	100pcs/inner box; 2000pcs/ctn
3ml	With/without needle	100pcs/inner box; 1500pcs/ctn
5ml		100pcs/inner box; 1200pcs/ctn
10ml		100pcs/inner box; 1000pcs/ctn

- ▶ High technology self-made needle tubes with imported stainless steel raw material
- ▶ The fully automated production line ensures consistent and high machining precision
- ▶ Customized specification is available
- ▶ Precision lancet point according to ISO7864 with exact, smooth bevel cut
- ▶ Stainless steel in accordance with ISO9626
- ▶ Thin wall, regular wall, extra thin wall are available
- ▶ Short bevel or long bevel cut are available
- ▶ Customized cannula specification is available



Gauge	OD(mm)	L1(mm)	Length tolerance(mm)	L2(mm)	α(°)	ID(mm)
0.25(31G)	0.265±0.002	15.0	±0.5	1.3±0.2	10°~12°	0.114
0.25(31G)	0.265±0.002	17.5		1.3±0.2	10°~12°	0.114
0.31(30G)	0.315±0.005	17.5		1.5±0.2	10°~12°	0.133
0.31(30G)	0.315±0.005	20.0		1.5±0.2	10°~12°	0.133
0.33(29G)	0.330±0.005	17.5		1.7±0.2	10°~12°	0.133
0.33(29G)	0.330±0.005	19.5		1.7±0.2	10°~12°	0.133
0.40(27G)	0.410±0.005	23.0		1.9±0.2	10°~12°	0.184
0.45(26G)	0.450±0.005	23.0		2.1±0.2	10°~12°	0.232
0.50(25G)	0.510±0.005	23.0		2.4±0.2	10°~12°	0.232
0.50(25G)	0.510±0.005	27.0		2.4±0.2	10°~12°	0.232
0.55(24G)	0.560±0.005	32.0		2.7±0.2	10°~12°	0.280
0.55(24G)	0.560±0.005	44.5		2.7±0.2	10°~12°	0.280
0.60(23G)	0.630±0.005	32.0		3.3±0.2	10°~12°	0.370
0.60(23G)	0.630±0.005	38.5		3.3±0.2	10°~12°	0.370
0.70(22G)	0.710±0.005	32.0		3.6±0.2	10°~12°	0.440
0.70(22G)	0.710±0.005	44.5		3.6±0.2	10°~12°	0.440
0.80(21G)	0.815±0.005	38.5		3.8±0.2	10°~12°	0.547
0.80(21G)	0.815±0.005	44.5		3.8±0.2	10°~12°	0.547
0.90(20G)	0.905±0.005	32.0		4.4±0.2	10°~12°	0.635
0.90(20G)	0.905±0.005	38.5		4.4±0.2	10°~12°	0.635
1.10(19G)	1.050±0.005	32.0		5.0±0.2	11°~13°	0.750
1.10(19G)	1.050±0.005	38.5		5.0±0.2	11°~13°	0.750
1.20(18G)	1.275±0.005	38.5		5.8±0.2	11°~13°	0.910
1.40(17G)	1.500±0.005	38.5		6.5±0.2	11°~13°	1.156
1.60(16G)	1.630±0.005	44.5		7.5±0.2	11°~13°	1.283

HYPODERMIC NEEDLE

- ▶ Self-made optimized siliconization of needle tube
- ▶ High pull-out forces of cannula-hub-connection
- ▶ Semi-transparent needle hub for convenient observation of blood reflux
- ▶ Luer connector enables incorporation on syringe
- ▶ Consistent low penetration load of needle and skin
- ▶ Precision lancet point according to ISO7864 with exact and smooth bevel cut
- ▶ Shortest needle length can be 4mm
- ▶ Package is available in single blister package or in bulk



Dimensions		Color Code	Dimensions		Color Code
30Gx1/6"	0.30x4mm		22Gx2"	0.70x50mm	
30Gx1/2"	0.30x12mm		21Gx3/8"	0.80x10mm	
29Gx1/6"	0.33x4mm		21Gx1"	0.80x25mm	
29Gx1/2"	0.33x12mm		21Gx2"	0.80x50mm	
27Gx1/6"	0.40x4mm		21Gx4 3/4"	0.80x120mm	
27Gx1/2"	0.40x12mm		20Gx5/8"	0.90x16mm	
27Gx1 1/2"	0.40x40mm		20Gx1"	0.90x25mm	
27Gx2"	0.40x50mm		20Gx1 1/2"	0.90x40mm	
26Gx1/6"	0.45x4mm		20Gx2"	0.90x50mm	
26Gx1/2"	0.45x12mm		19Gx1"	1.10x25mm	
26Gx1"	0.45x25mm		19Gx1 1/2"	1.10x40mm	
25Gx1/6"	0.50x4mm		19Gx2"	1.10x50mm	
25Gx5/8"	0.50x16mm		18Gx1"	1.20x25mm	
25Gx1 1/2"	0.50x40mm		18Gx1 1/2"	1.20x40mm	
25Gx2"	0.50x50mm		18Gx2"	1.20x50mm	
24Gx1/6"	0.55x4mm		17Gx3/4"	1.40x20mm	
24Gx1"	0.55x25mm		17Gx2"	1.40x50mm	
23Gx1/6"	0.60x4mm		16Gx1"	1.60x25mm	
23Gx5/8"	0.60x16mm		16Gx1 1/2"	1.60x40mm	
23Gx1 1/2"	0.60x40mm		15Gx1 1/2"	1.80x40mm	
23Gx3 1/4"	0.60x80mm		15Gx2"	1.80x50mm	
22Gx1/6"	0.70x4mm		14Gx2 3/8"	2.10x60mm	
22Gx3/4"	0.70x20mm		14Gx3"	2.10x75mm	
22Gx1 1/2"	0.70x40mm		14Gx3 1/4"	2.10x80mm	

**other needle sizes available upon request

NEEDLE FOR VETERINARY USE

- ▶ High pull-out forces of cannula-hub-connection
- ▶ Innovative anti-coring treatment of needle tube
- ▶ Regular wall and strong needle hub for veterinary use
- ▶ Longest needle length can be 125mm



Dimensions		Color Code	Dimensions		Color Code
27Gx2"	0.40x50mm		18Gx1/4"	1.20x6mm	
25Gx1/6"	0.50x4mm		18Gx1/2"	1.20x12mm	
22Gx3/8"	0.70x10mm		18Gx3/4"	1.20x20mm	
22Gx3/4"	0.70x20mm		18Gx1"	1.20x25mm	
22Gx1"	0.70x25mm		18Gx1 1/2"	1.20x40mm	
22Gx3"	0.70x75mm		18Gx3"	1.20x75mm	
22Gx4"	0.70x100mm		16Gx1/2"	1.60x12mm	
20Gx1/6"	0.90x4mm		16Gx3/4"	1.60x20mm	
20Gx3/8"	0.90x10mm		16Gx1"	1.60x25mm	
20Gx1/2"	0.90x12mm		16Gx1 1/2"	1.60x40mm	
20Gx3/4"	0.90x20mm		16Gx3"	1.60x75mm	
20Gx1"	0.90x25mm		16Gx4"	1.60x100mm	
20Gx1 1/2"	0.90x40mm		16Gx5"	1.60x125mm	
19Gx1"	1.10x25mm		14Gx1 1/2"	2.10x40mm	
19Gx1 1/2"	1.10x40mm		14Gx2"	2.10x50mm	

**other needle sizes available upon request


BLUNT FILL NEEDLE

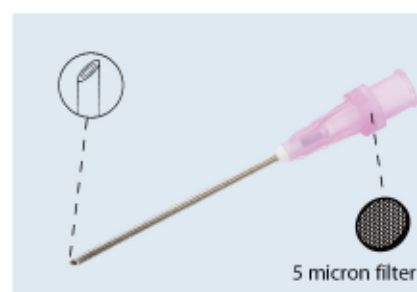
- Be designed for penetration into vials only
- 45 ° bevel for easy penetration and avoids needle-stick injuries
- Standard Luer hub fits on all size of standard syringe
- Color-coded hub
- Be available with and without filter
- Low penetration force for easy using

BLUNT FILL NEEDLE WITH FILTER

- 5 micron filter membrane is an integrated part of the needle
- Reduce large particles when: Transferring, Reconstituting and Aspirating
- For withdrawal or injection of medication from rubber-stoppered vials and glass reservoirs







Description	Needle Size	Color Code	Package
Blunt Fill Needles	18G×1 1/2"		100pcs/inner box; 1000pcs/ctn
	18G×2"		
Blunt Fill Needles with 5 micron filter	18G×1 1/2"		
	18G×2"		

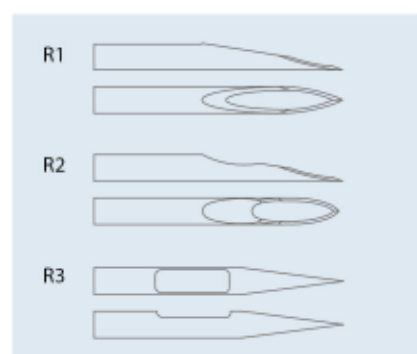


DISPENSING NEEDLE

- R1 series for straight holes needles
- R2 series for concave needles
- R3 series for lateral holes needles

Special designed needle tips with side hole to reduce the cutting effect when used to penetrate into the bottle stopper

Needle Size		Color Code	Package
18G×1 1/4"	1.20×30mm		100pcs/inner box; 10000pcs/ctn
18G×1 1/2"	1.20×40mm		
16G×1 1/4"	1.60×30mm		
16G×1 1/2"	1.60×40mm		

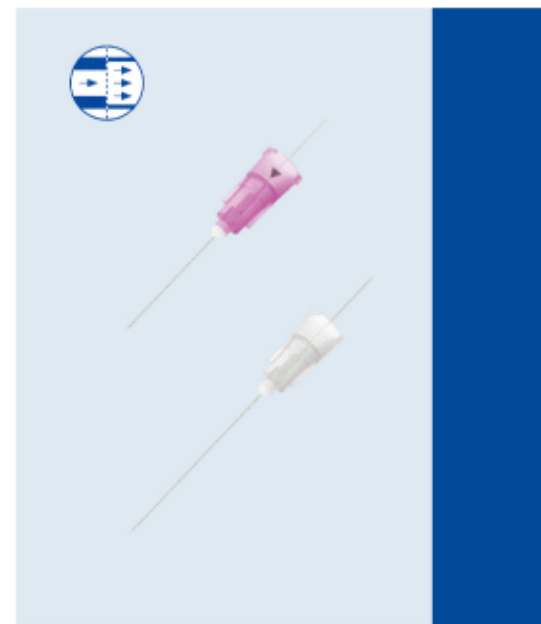


DENTAL INJECTION NEEDLE

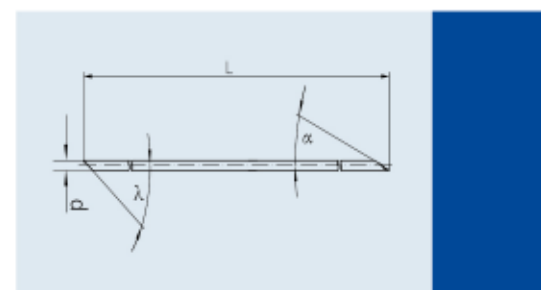
- ▶ For injection use
- ▶ Can fit with all standard dental cylinder ampoule syringes with Inch Thread or Metric Thread
- ▶ Precisely threaded hub for secure fit and easy handling
- ▶ Three-edge lancet grinding
- ▶ Short or long bevel of needle point are both available
- ▶ High quality medical use stainless steel with precise base gluing
- ▶ The color-coded hub for clear size identification
- ▶ Different sizes available



Needle Size		Package
30G×1/2"	0.30×12mm	100pcs/inner box; 5000pcs/ctn
30G×5/8"	0.30×16mm	
30G×1"	0.30×25mm	
30G×1 1/4"	0.30×30mm	
30G×1 1/2"	0.30×40mm	
27G×1/2"	0.40×12mm	
27G×5/8"	0.40×16mm	
27G×1"	0.40×25mm	
27G×1 1/4"	0.40×30mm	
27G×1 1/2"	0.40×40mm	



Needle Size	d(mm)	L±1(mm)	α(°)	λ(°)
30G	0.31±0.01	40.5~65.5	17±2	26±2
27G	0.41±0.01			



DENTAL IRRIGATION NEEDLE

► Blunt Needle

Rounded cannula tube

Bendable

► Bent Needle

Free of Burrs

► Half Cut Needle

Notched tip

► Single Vent Needle

One lateral vent

Closed front-end

Rounded tip

► Double Vent Needle

Two lateral vents

Closed front-end





Rounded tip

► Apical Side Vent Needle

4 laser marks

Easy to bend



Type							
		Blunt	Bent	Half Cut	Single Vent	Double Vent	Apical Side Vent
Size		30G~20G	30G~20G	30G~20G	30G~20G	30G~20G	30G~20G
Length (mm)	13	●		●	●	●	●
	16	●		●	●	●	●
	19	●	●	●	●	●	●
	25	●		●	●	●	●
	32	●		●	●	●	●
	38	●		●	●	●	●
Package	100pcs/inner box; 5000pcs/ctn						


BLOOD COLLECTION NEEDLE

Blood Collection Needle

- ▶ Can be used for multiple taking blood samples with single puncture
- ▶ Designed to work with any standard blood collection tube holder
- ▶ Sharp & smooth edges make penetration painless for patients and provides easy connection to rubber stoppers
- ▶ Hubs and protectors are color-coded by gauge for easier identification



Transparent protectors Blood collection Needle is available

Dimensions		Color Code	Package
23Gx1"	0.60x25mm		100pcs/inner box; 5000pcs/ctn
22Gx1"	0.70x25mm		
22Gx1 1/2"	0.70x40mm		
21Gx1"	0.80x25mm		
21Gx1 1/2"	0.80x40mm		
20Gx1"	0.90x25mm		
20Gx1 1/2"	0.90x40mm		
18Gx1 1/2"	1.20x40mm		
16Gx1 1/2"	1.60x40mm		



Visible Blood Back Collection Needle

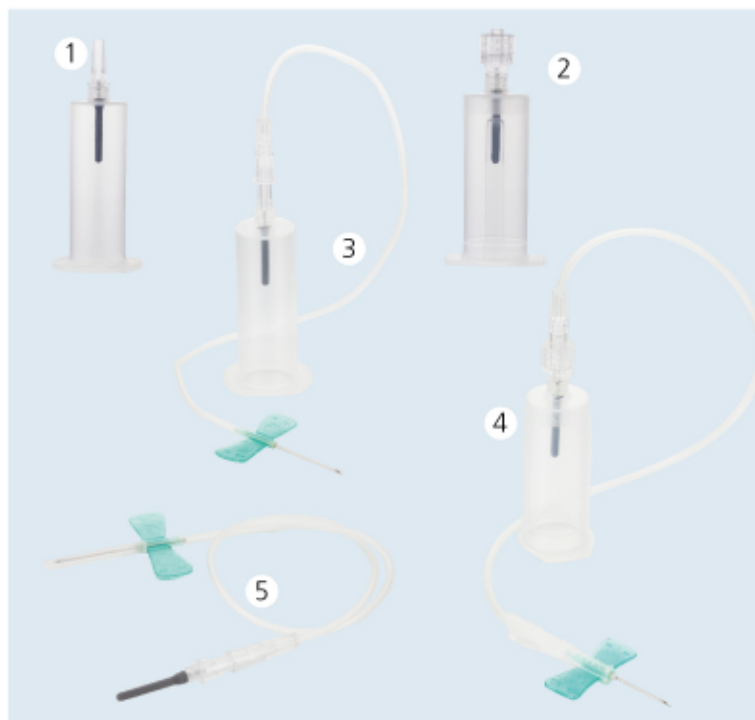
- ▶ New function designed can observe the vein blood flow clearly
- ▶ Designed to work with any standard blood collection tube holder
- ▶ Can be used for multiple taking blood samples with single puncture

BLOOD COLLECTION SYSTEM

Combination Types:

1. Holder+ Luer Adapter
2. Holder+ Luer-Lock Adapter
3. Scalp Vein Set + Luer Adapter + Holder
4. Safety Scalp Vein Set + Luer-Lock Adapter + Holder
5. Scalp Vein Set + Luer Adapter

- Designed for optimum efficiency
- Allows for multiple draws with a single vein puncture
- Luer adapter has two types: Luer slip and Luer Lock
- Scalp vein set tube length can be made according to customer requirement
- Package: Single PE bag for SVS+adapter+Holder
- Single PE bag or Single blister package for SVS+adapter



SCALP VEIN SET











- Intended for shorter time infusion, pediatric use or blood collection use
- Exquisite designed needle point, sharp and easy puncture
- Thin wall, stainless steel cannula, siliconized for easy injection
- Large inner dimension with smooth flow
- Color-coded wings for easier identification



SAFETY SCALP VEIN SET

- With protective sheath on the tube
- With soft wings for easy grip and fix on patient body
- To prevent patients from hurt by the used needle



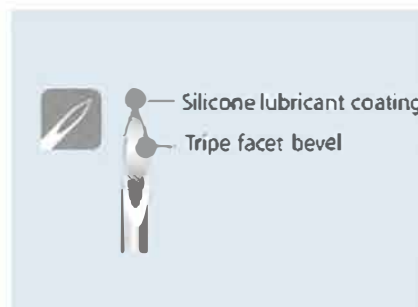
Needle Size	Tube Length	Color Code	Package
27G×3/4"	100-300mm		100pcs/inner box; 2000pcs/ctn
26G×3/4"			
25G×3/4"			
24G×3/4"			
23G×3/4"			
22G×3/4"			
21G×3/4"			
20G×3/4"			
19G×3/4"			
18G×3/4"			

► **SNS**® INSULIN PEN NEEDLE

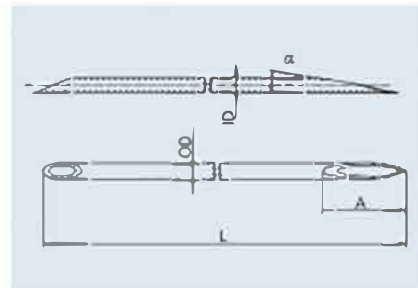
- Special design of triple bevel cannula for optimal perforation and easy penetration
- Silicone lubricant coating for smooth injection with painless experience
- Needle tube: stainless steel according to ISO9626
- Ultra-thin needles ensures optimal insulin flow
- Screw thread to firm and secure fit for the pen
- Optional size and fit major brands insulin pens like Novo Nordisk, Eli Lilly, Sanofi-Aventis, Owen Mumford, Becton Dickinson, B.Braun, Berlin Chemie, Haselmeier, Dongbao and so on
- Meet the standard of ISO11608-2



Needle Size		Color Code	Package
33G×4mm	0.20×4mm		100pcs/inner box; 5000pcs/ctn
32G×4mm	0.23×4mm		
31G×4mm	0.25×4mm		
31G×5mm	0.25×5mm		
31G×6mm	0.25×6mm		
31G×8mm	0.25×8mm		
30G×8mm	0.30×8mm		
30G×10mm	0.30×10mm		
29G×12mm	0.33×12mm		



Needle Size	OD(mm)	ID(mm)	L(mm)	A(mm)	$\alpha(^{\circ})$
33G	0.203~0.216	0.089~0.105	14.8	1.0±0.2	11±2
32G	0.229~0.241	0.089~0.105	14.8~16.7	1.0±0.2	
31G	0.254~0.267	0.114~0.125	14.8~22.5	1.2±0.2	
30G	0.298~0.320	0.133~0.165	15.8~22.5	1.5±0.2	
29G	0.324~0.351	0.133~0.190	15.8~22.5	1.7±0.2	



INSULIN SYRINGE

- ▶ Ultra thin, sharp and specially lubricated needles
- ▶ Graduation lines in bold print for easy readability
- ▶ Quality design for dosing precision and avoiding waste of insulin
- ▶ Precision lancet point grinding, silicone treated tip for smooth penetration
- ▶ Available in sizes 0.3ml, 0.5ml and 1ml with Insulin
- ▶ U40 or U100 graduation
- ▶ Suitable for dosage of very small volumes
- ▶ Custom needle size per specification
- ▶ Meet the standard of ISO8537



Vol./ml		Needle Size	Package
0.3ml	U100	29Gx1/2"	100pcs/inner box; 2000pcs/ctn
0.5ml	U40/U100	29Gx1/2"	
		30Gx1/2"	
1ml	U100	30Gx5/16"	
	U100	27Gx1/2"	
	U40/U100	29Gx1/2"	
	U40/U100	30Gx1/2"	
	U100	30Gx5/16"	
	U40/U100	31Gx1/2"	
	U100	31Gx5/16"	

TBC SYRINGE

- ▶ Ultra thin, sharp and specially lubricated needles
- ▶ Graduation lines in bold print for easy readability
- ▶ Quality design for dosing precision and avoiding waste of fluid
- ▶ Precision lancet point grinding, silicone treated tip for smooth penetration
- ▶ Suitable for dosage of very small volumes
- ▶ Custom needle size per specification

Vol./ml		Needle Size	Package
1ml	TBC	27Gx1/2"	100pcs/inner box; 2000pcs/ctn
		29Gx1/2"	
		30Gx1/2"	



DISPOSABLE SYRINGE

- ▶ Ergonomic design, smooth flow, highly transparent barrel with bold, precise scale
- ▶ Lubricated synthetic rubber piston allows a smooth draw
- ▶ Latex-free, PVC-free, non toxic
- ▶ Available in luer slip and luer lock tip
- ▶ Available with by-packed or mounted needle
- ▶ Various syringe-needle combinations available
- ▶ All sizes available in non-sterile version (bulk)
- ▶ Meet the standard of ISO7886-1



Product improvement 1ML LDS syringe:

- ▶ Special designed gasket offer minimum dead space
- ▶ Available in luer slip and luer lock tip
- ▶ Centrally positioned luer lock assures secure connection to needles



Size	2-part Luer Slip	3-part Luer Slip	3-part Luer Lock	Package
1ml		●	●	100pcs/inner box; 2000pcs/ctn
2ml		●	●	100pcs/inner box; 1500pcs/ctn
3ml	●	●	●	100pcs/inner box; 1500pcs/ctn
5ml	●	●	●	100pcs/inner box; 1200pcs/ctn
10ml	●	●	●	100pcs/inner box; 1000pcs/ctn
20ml	●	●	●	35pcs/inner box; 420pcs/ctn
30ml		●	●	35pcs/inner box; 420pcs/ctn
50ml		●	●	50pcs/inner box; 300pcs/ctn
60ml		●	●	50pcs/inner box; 300pcs/ctn
100ml			●	25pcs/inner box; 200pcs/ctn



SYRINGE WITH CATHETER TIP

- Extended graduation up to 50ml, 60ml or 100ml
- Catheter tip for use as wound, bladder or irrigation syringe
- Smooth running plunger, highly transparent barrel
- Double seal piston for increased safety
- Latex Free

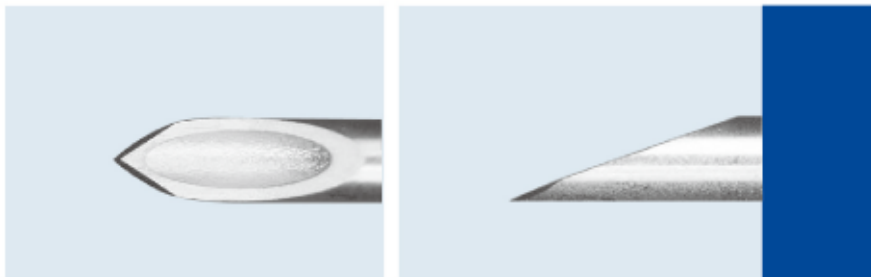


Product improvement 100ml syringe with catheter tip by:

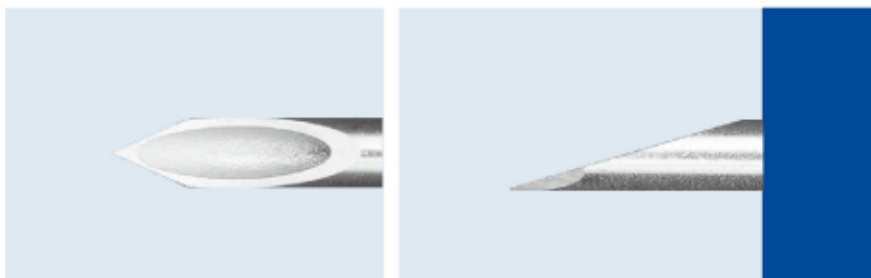
- exchangeable luer connector mounted in plunger for wider application range
- 2 options for nozzle connection
- Plunger with ring shape for easy pull-push

SPECIAL CANNULA ATLAS

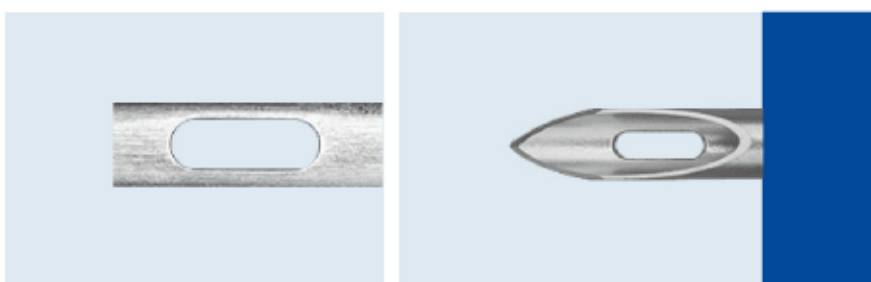
► Semi-Lancet Point



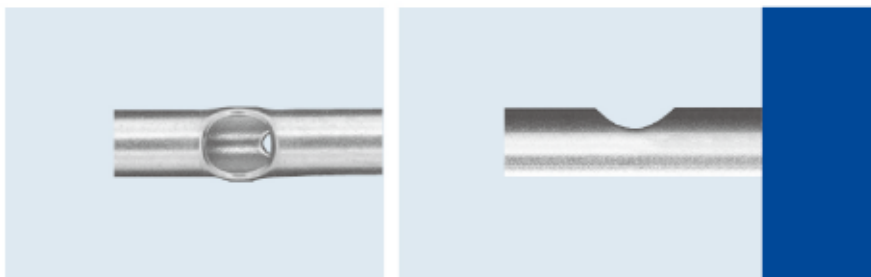
► Back Cut Point



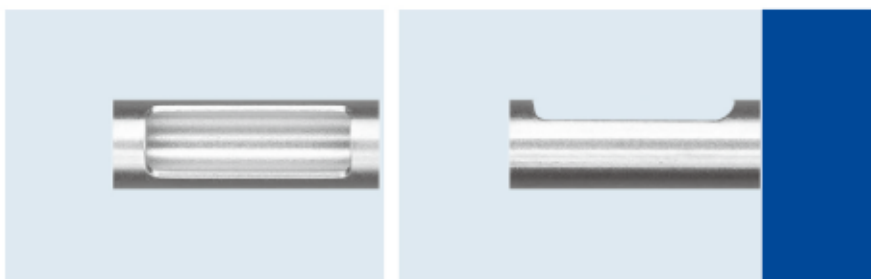
► Back-Eye



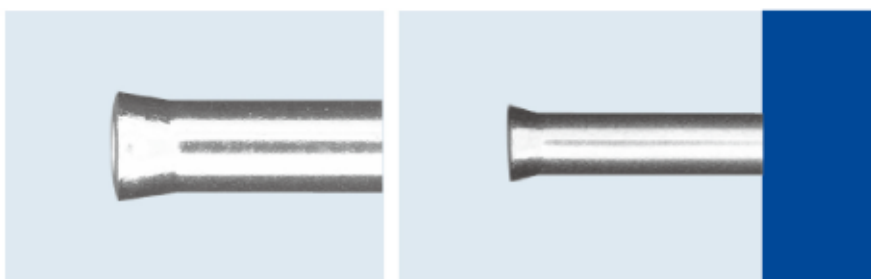
► Electrolytic Grinding Round



► Electrolytic Grinding Square



► Flare





SNS Global Pharma Corporation

**2435 E Ventura Blvd. Suite A
Camarillo, California, 93010
USA**

**Tel:1-877-380.4539
Fax:1-805-421.5333
Mobile:1-805.504.6303**

**Web:www.snsgph.com
Email:info@snsgph.com**

