



Welcome



#SincereServiceToHealthcare

# Our Standardization Certificates



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# STANDARDISATION

PRODUCT	IS	ISO
Single Use Syringe	10258	7886 - 1
Single Use Needle	10654	7864
Single Use Insulin Syringe	12227	8537
Scalpvein Sets	IS 16097	----
I.V. Cannula	10555	10555
Surgical Blades	3319	7740
Scalpel	3319	7740
Safety I.V. Cannula	<b>HMD Specifications</b>	<b>10555</b>
AD Syringes	IS 10258 (Part 3)	7886 – 3 & 4
Single use Pen Needle	HMD Specifications	11608
Blood collection tube	10916	6710

Brand	Product
DISPOVAN	Single Use Syringes & Needles & Oral Syringes.
UNOLOK	Luer Lock/Luer Mount Single Use Syringes, Needle.
KITKATH CATHULA CATHY KITKATH +	Single Use I.V. Cannula
Cathy + Cathula +	Single Use safety I.V. Cannula
Cathy + NEO Cathula + NEO	Single Use I.V. Cannula with without safety feature
SCALPVAN/ UNOLOK / UNOLOK +	Single Use Infusion Sets.
GLASSVAN	Surgical Blades/ Scalpels
TECHNOCUT	Surgical Blades/ Scalpels
VAKU-8 VAKU-8 +	Blood Collection Sets.
VAKU-8	Blood collection Tube/ Needle / Holder
DISPOVAN	Single Use Pen Needles.
KOJAK SELINGE	Non-Reusable AD Syringe
KOJAK	Safety Box
DISPOCANN	Alcohol Swab

We have an excellent product range of well-established brands.





# x Strength

Product	Annual Capacity
Disposable Syringes (Including AD)	2.5 Billion
Insulin Syringes	240 Million
Scalp Vein Infusion Sets	55 Million
I.V. Cannulas	120 Million
Blood Collection Tube	60 Million
Blood Collection Needle	130 Million
Pen Needle	70 Million
Single Use Needle	1.45 Billion
Surgical Blades	120 Million
Safety Boxes	5 Million

Our Capacity keeps Increasing with respect to Increase in Annual Demand

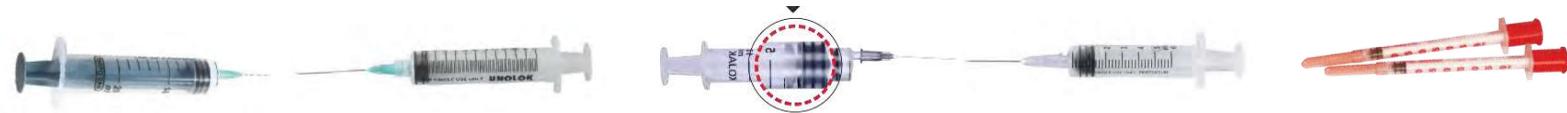


The background is a solid teal color. In the center, there is a circular inset with a white border. Inside this circle, the text "Our Products" is written in a white, sans-serif font. Below the text is a white, rounded rectangular button. The circular inset shows a blurred image of medical professionals in a clinical setting, with a man in blue scrubs on the left and a woman on the right.

# Our Products



# Syringes Overview



Attributes	Dispo Van	Unolok	Kojak Selinge	Perfektum	Insulin Syringe
<b>Purpose</b>	Luer Mount Syringe	Luer Lock Syringe	Auto Disable Syringe	Corporate Brand Syringe	For Diabetic Patients
<b>USP</b>	High Brand Value, Comes in both Natural Rubber & TPE	Provides for Secure Needle Fitment, for dental & cardiac patients	Presence of ring & lock mechanism which automatically breaks the plunger, if reuse is attempted.	Introduced as higher MRP Syringe to counter corporate market, discontinued in 2020	Presence of low dead space avoids wastage of medication and ensures accurate dosage.
<b>Target Market</b>	India	Europe and other developed countries	Developing Countries, WHO, UNICEF, PAHO	Corporate Hospitals like Fortis	Over the counter product, for Diabetic Patients



# DISPO-VAN Single Use Syringe

1. 3 Piece Syringe.
2. Luer Mount Syringe
3. Colored Plunger
4. High Brand Equity.
5. 65% Market Share
6. Indigenously Produced.

## USP of Natural Rubber Piston

There is presence of Natural rubber chemically inert Piston which has three line of contact which minimizes chances of leakage over complete 5 years shelf life of the product.

The siliconized rubber piston allows smooth motion during injection and aspiration, there is no scratching of the plastic barrel by the rubber gasket.

Movement of piston along the wall of barrel is smooth.



Vertical Integration of Manufacturing of Needles- We produce our own Cannula & aren't dependent on third parties.

# Unolok Single use Syringe



1. 3 Piece Syringes.
2. Luer Lock nozzle present in Unolok syringes ensures a secure needle fitment.
3. High clarity plunger & barrel for better visibility of the injectable.
4. Available in 2ml, 3ml, 5ml, 10ml, 20ml, 50ml
5. Better used for Dental & Cardiac patients, as more stable.
6. Slightly higher MRP



# Dispo Van Insulin Syringes

1. Siliconized ultra fine 31G Needle, thus causing Minimal Pain.
2. Presence of low dead space thus avoiding wastage of medication and ensures accurate dosage.
3. Available in both U-40 & U-100 graduated scales.
4. Available in economical Multi-Pack (10 pieces) & Unit-Pack.
5. Checked by Vision Inspection Camera in Automated Machine
6. In house Cannula which is 100% checked

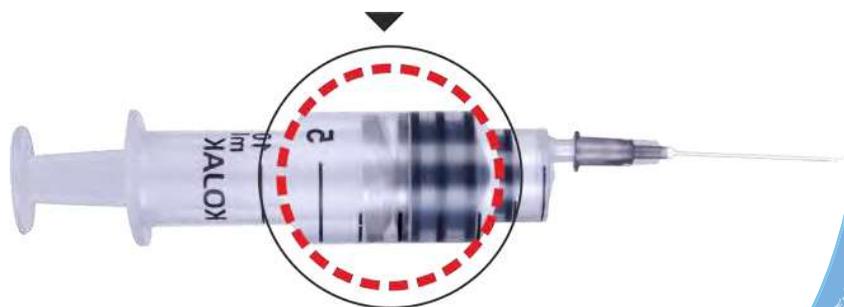


0.3 ml / 0.5 ml / 1 ml Insulin Syringe

PRODUCT RANGE			
Needle Size	Colour Code		Description
30G x 5/16"	U-40	Red	Multipack
0.30 x 8 mm	U-100	Orange	
30G x 5/16"	U-40	Red	Unitpack
0.30 x 8 mm	U-100	Orange	
*31G x 5/16"	U-40	Red	Multipack
0.25 x 8 mm	U-100	Orange	
*31G x 5/16"	U-40	Red	Unitpack
0.25 x 8 mm	U-100	Orange	
*31G x 15/64"	U-40	Red	Multipack
0.25 x 6 mm	U-100	Orange	
*31G x 15/64"	U-40	Red	Unitpack
0.25 x 6 mm	U-100	Orange	



# Kojak SELINGE - Auto Disable Syringe



- Permits Aspiration (critical for subcutaneous Immunization Injections)
- Can be used for reconstitution and mixing of drugs.
- Available with any gauge of needle favored by the user.
- Available in Fixed as well as detachable needle design options.
- Affordable

## FOR IMMUNIZATION

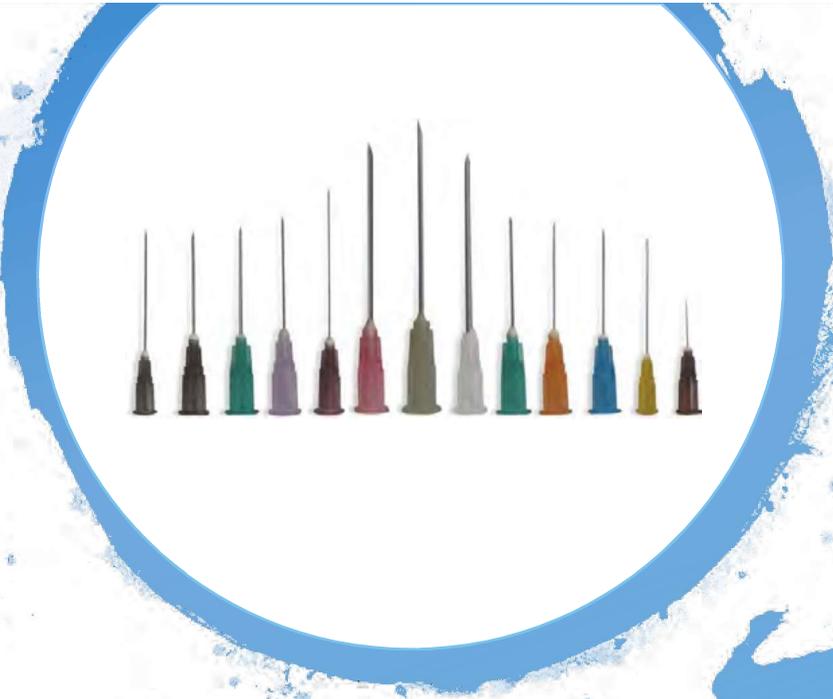
PRODUCT RANGE			
SIZE	NEEDLE SIZE		WHO PQS No.
0.1ml	26G x 3/8 0.45 x 10	27G x 3/8 0.40 x 10	E008/045
0.5 ml	23G x 1" 0.60 x 25		E008/039
1ml	26G x 1/2" *0.45 x 13 23G x 1" *0.60 x 25	24G x 1" 0.55 x 25 22G x 1" 0.70 x 25	E013/056

## FOR CURATIVE

PRODUCT RANGE			
SIZE	NEEDLE SIZE		WHO PQS No.
2 ml	26G x 1/2"	24G x 1"	E013/001
3ml	*0.45 x 13	0.55 x 25	E013/018
5 ml	23G x 1" *0.60 x 25	22G x 1" 0.70 x 25	
10 ml	22G x 1 1/4"	21G x 1 1/2"	E013/020
20 ml	*0.70 x 32	0.80 x 38	E013/039



**Lock: Presence of ring & lock mechanism which automatically breaks the plunger, if reuse is attempted.**



# NEEDLES

# Dispo Van & Unolok Single use NEEDLE

- Cannula made from imported Cold Rolled Stainless Steel Strips in-house.
- Tips of the needles are grounded on high precision CNC machines by skilled operators.
- Siliconized to minimized drag during penetration and withdrawal.
- Vision cameras checks for Burr, Hook & Blockage ensures 100% automated quality control, enabling superior sharpness to minimize pain.
- Assembled and packed on totally automated machines.



Vision cameras checks for Burr, Hook & Blockage ensures 100% automated quality control, enabling superior sharpness to minimize pain.



**BLUNT NEEDLE Available**  
in 18G & 23G

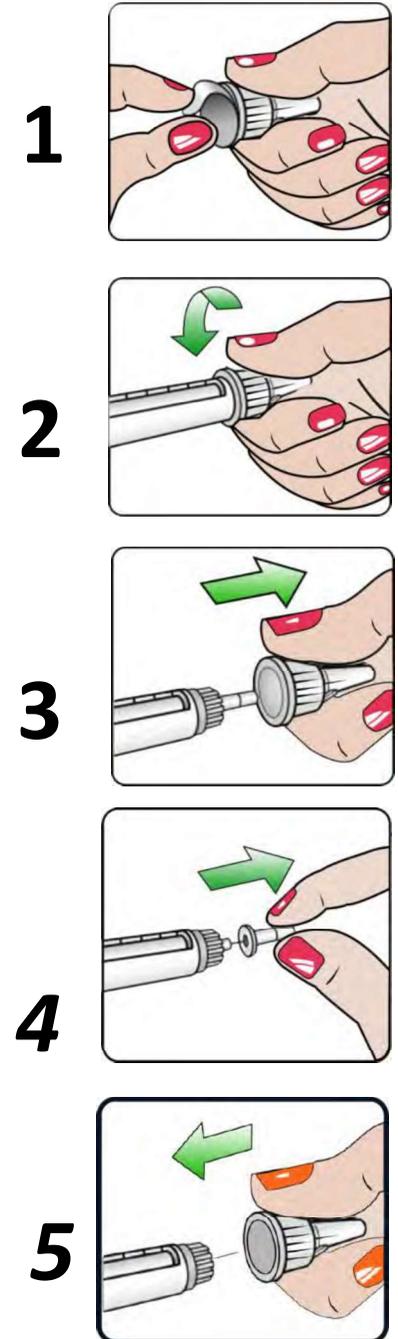


COLOUR CODE AND SPECIFICATION

SIZE		COLOUR		LENGTH						
OD (mm)	Gauge	Colour & Code		3/8"	1/2"	5/8"	3/4"	1"	1 1/8"	1 1/2"
0.40	27G	Grey	Grey							
0.45	26G	Brown	Brown							
0.50	25G	Orange	Orange							
0.55	24G	Medium purple	Medium purple							
0.60	23G	Blue	Blue							
0.70	22G	Black	Black							
0.80	21G	Green	Green							
0.90	20G	Yellow	Yellow							
1.10	19G	Creamish	Creamish							
1.20	18G	Pink	Pink							
1.60	16G	White	White							

# Dispo Van Sterile Single-Use Insulin PEN NEEDLE

1. Extra thin wall
2. Multi-bevel, tapered point.
3. Ergonomic shape for improved skin contact and grip.
4. Flat base designed to improve skin contact and comfort
5. Pen needle allows more simple, accurate, and convenient delivery than using a syringe.
6. Easy to use packaging- without touching the products.



PRODUCT RANGE					
	Colour Code	Needle Gauge	Needle Length		Needle Diameter
	Purple	31G	5 mm	3/16 inch	0.25 mm
	Green	32G	4 mm	5/32 inch	0.23 mm

**KIT KATH<sup>+</sup>**  
FEP (Fluro Ethylene Propylene)  
with Radiopaque Strips



**Cathula<sup>®</sup>**  
FEP (Fluro Ethylene Propylene)  
with Radiopaque Strips



**Cathula<sup>®</sup> NEO**



**Cathy<sup>+</sup> NEO**

**Cathy<sup>+</sup>**  
Volex catheter with  
radiopaque strips



**HMD** x I.V. Cannula



**Cathula<sup>®</sup>**

Safety I.V. Cannula with *tipclip*



**SIPCLIP<sup>™</sup>**  
**tipclip<sup>™</sup>**  
for Sharp Injury  
Prevention

CATHY	CATHULA	KITKATH	KITKATH PLUS
Volex Catheter	FEP Catheter	PTFE Catheter	FEP Catheter
Presence of Radio-Opaque stripes to facilitate easy detection by X-Ray.	Presence of Radio-Opaque stripes to facilitate easy detection by X-Ray.	No Radio-Opaque Stripes	Presence of Radio-opaque stripes to facilitate easy detection by X-ray
Presence of Blood stopper to avoid blood leakage	Presence of Blood stopper to avoid blood leakage	-	Presence of Blood stopper to avoid blood leakage
-	-	Presence of Hydrophobic filter membrane allows air to escape & to avoid blood leakage	Injection Port cap is white.
Color coded injection port cap.	Color coded injection port cap	Injection Port cap is white.	Injection Port cap is white.
Body of I.V.C is transparent	Body of I.V.C is transparent	Body of I.V.C is color coded / transparent	Body of I.V.C is color coded / transparent
2nd & 3rd reinsertion possible	No 2nd & 3rd reinsertion possible	No 2nd & 3rd reinsertion possible	No 2nd & 3rd reinsertion possible
F. Penetration force required is only 30% that of PTFE catheter	Penetration force required is more than 30% that of Volex catheter	Penetration force required is more than that of Volex catheter	Penetration force required is more than 30% that of Volex catheter



# PTFE Catheter- I.V. Cannula

The tip of the needle has a short bevel 'back' cut point for easy catheterization resulting in minimal pain and minimal risk of perforation.

It improves torque control & stiffness as well resulting in a steadier hand for healthcare professionals.

## KITKATH



PRODUCT RANGE			
Colour Code	Gauge	Catheter Ext. Dia x Length (mm)	Water flow-rate (ml/min)
Orange	14G	2.20 x 45/2.00 x 45	310/290
Grey	16G	1.70 x 45	200
White	17G	1.50 x 45	140
Green	18G	1.20 x 38 1.20 x 45	105 100
Pink	20G	1.00 x 32	64
Blue	22G	0.80 x 25	38
Yellow	24G	0.70 x 19	16/22
Violet <small>(without Injection Port)</small>	26G	0.60 x 19	12/15

Sizes are same for all our I.V.C Brands

# FEP Catheter- I.V. Cannula

**Cathula®**

FEP (Fluro Ethylene Propylene)  
with Radiopaque Strips



**KIT KATH<sup>+</sup>**

FEP (Fluro Ethylene Propylene)  
with Radiopaque Strips



1. FEP Catheter reduces force by 30% as compared to regular Catheter.
2. The difference between Cathula & Kit Kath + is the coloring of the Injection Port Cap in the former as opposed to coloring of the Body in the latter.
3. The Catheter has four encapsulated radio opaque stripes. If accidentally, the tip of catheter is cut off by the needle, it can be detected by X-ray.
4. Luer Lock cap is connected with blood stopper which allows air to escape & prevent spillage of blood.



Manufactured in completely Automated technology and goes through Vision Inspection to check Positioning & Tip of Catheter among other aspects.



# VOLEX Catheter- I.V. Cannula

  
Volex catheter with  
radiopaque strips



1. Cathy is our Premium Brand of I.V Cannula Category.
2. Here the Catheter is made of Volex.
-  Minimal trauma – as the penetration force is much lower than that of PTFE Catheters.
4. Ease in insertion without Peel Back – making Second & Third reinsertion possible without having to throw away I.V Cannula on Unsuccessful Cannulations.
5. Higher Durability- Volex Catheter is more Durable resulting in better sharpness and cleaner Re-Insertions.

# Cathula<sup>®</sup> †

Safety I.V. Cannula with **tipclip<sup>™</sup>**

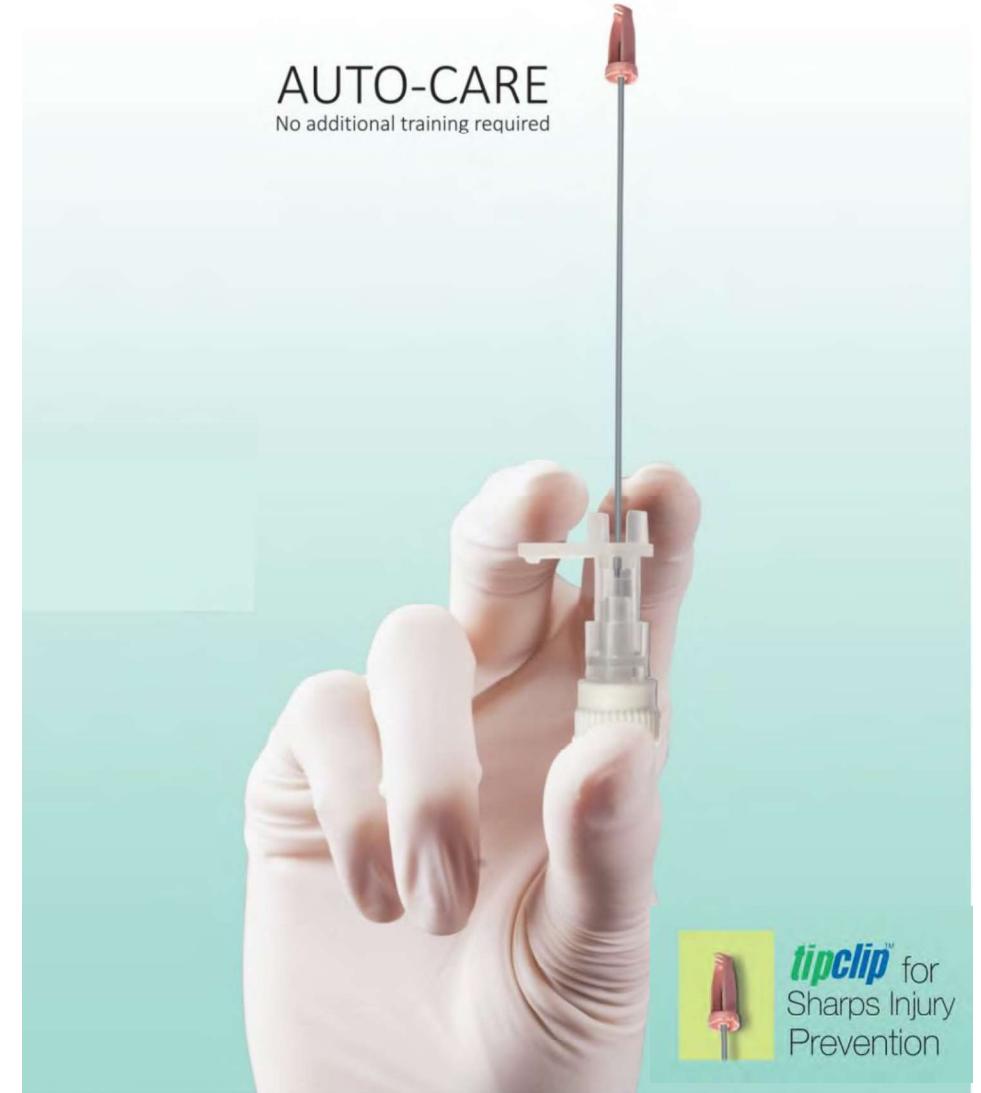
# Cathy<sup>®</sup> †



SipClip for  
Sharp Injury  
Prevention

1. The auto protection technology of “Cathy +” & “Cathula +” I.V Cannula is designed to provide: 'Involuntary Activated Safety' due to presence of a protection device “*Sip Clip*” which encapsulates the tip of the used needle when the Introducer Needle is extracted from the Catheter
2. Post Cannulation, *Sip Clip* prevents accidental needle stick injury.

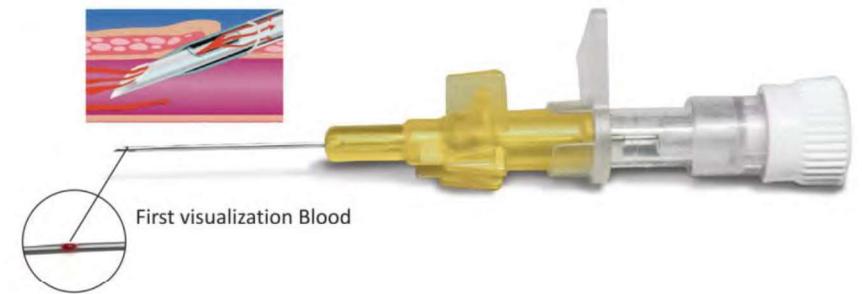
PRODUCT RANGE			
COLOR CODE	GAUGE	CATHETER EXT. DIAMETER X LENGTH MM	WATER FLOW RATE ML/MIN
Grey	16G	1.7 x 45	200
White	17G	1.5 x 45	140
Green	18G	1.2 x 38 1.2 x 45	105 100
Pink	20G	1.0 x 32	64
Blue	22G	0.8 x 25	38



# Cathy<sup>+</sup>NEO | Cathula<sup>+</sup>NEO

“Instant Flash Bk” Eases Cannulation, Reduces Anxiety

1. For Neonates and Children, 24G & 26G I.V. Cannula, a notch has been provided in the needle for “Instant Flash Bk” (Instant Flashback Visualization) at the tip of the catheter.
2. It assists in achieving successful Cannulation in 1st attempt of vein entry. Thus, leading to no Re-Insertions reducing pain for Pediatrics.

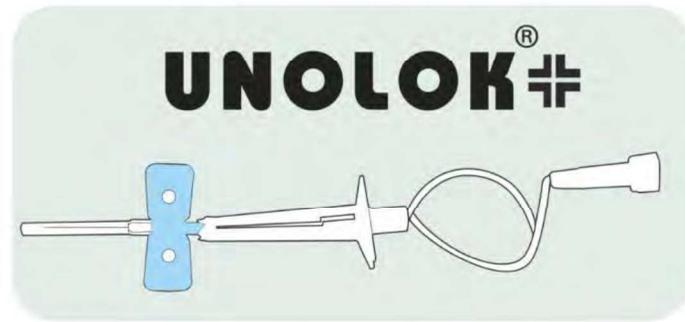


PRODUCT RANGE			
COLOR CODE	GAUGE	CATHETER EXT. DIAMETER X LENGTH MM	WATER FLOW RATE ML/MIN
Yellow	24G	0.7 x 19	22
Violet (w/o port only)	26G	0.6 x 19	15

Reference: ISO:10555-1 & ISO: 10555-5



# SCALP VEIN SET



## Unolok +

Presence of rigid PVC Luer lock connector which provides additional secure fitment and prevent any accidental leakage.



## Scalp Van / Unolok

Presence of flexible soft PVC Luer mount adapter

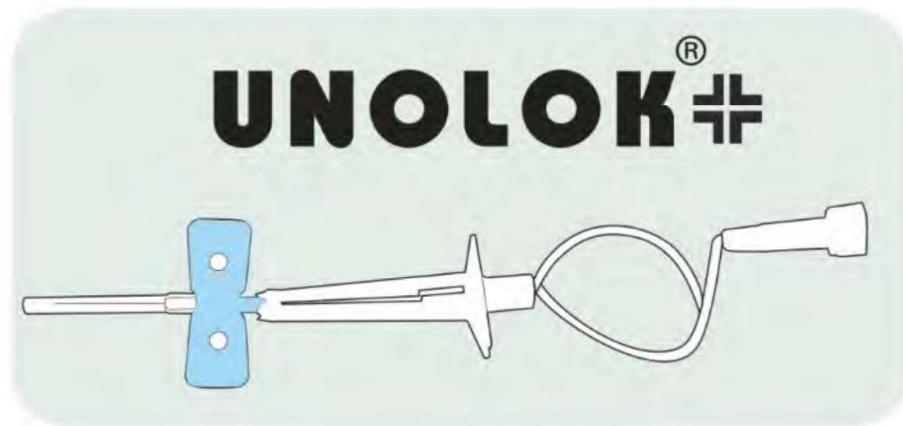
# SCALP Van & Unolok

- Needle has a short bevel three facet point to minimize the chances of perforation of vein during insertion.
- Needles are siliconized to reduce friction & pain (for smooth penetration and withdrawal)
- Link tube is translucent for easy observation of the contents.
- Needle is thin walled which allows a large internal diameter and is ideal for rapid infusion and dosage with high viscosity medications.
- Packed in Hard Blister PVC (Scalp Van) & Soft Blister LDPE (Unolok) packaging.



PRODUCT RANGE				
Needle Gauge	Colour Code	Needle Length		Needle Diameter (mm)
		(Inch)	(mm)	
18G	PINK	¾"	19	1.20
19G	CREAM	¾"	19	1.10
20G	YELLOW	¾"	19	0.90
21G	GREEN	¾"	19	0.80
22G	BLACK	¾"	19	0.70
23G	BLUE	¾"	19	0.60
24G	PURPLE	¾"	19	0.55
25G	ORANGE	¾"	19	0.50
26G	BROWN	¾"	19	0.45

# Unolok +



PRODUCT RANGE			
Needle Gauge	Wing Colour	Length (inch)	Packaging (per box)
21G	Green	3/4"	100 Pcs
23G	Blue	3/4"	100 Pcs
24G	Purple	3/4"	100 Pcs
25G	Orange	3/4"	100 Pcs



PROTECTIVE SHIELD in UNOLOK+ assists in ensuring there is no secondary needle sticks and no reuse of device.



Surgical Blades



& Scalpels



# Glass Van & Techno Cut Surgical Blades

1. Made from Premium Quality Carbon & Stainless Swiss Imported Steel – Same is used to manufacture Swiss Army Knives.
2. Individually Packed in VCI Coated Paper lining in Aluminum Foil.
3. Gamma Radiation Sterilized.
4. Edge Retention: Retains sharpness in edge & incision even after multiple cuts.
5. Manufactured by Niraj Industry Pvt. Ltd. which is a sister company of Hindustan Syringes & Medical Ltd



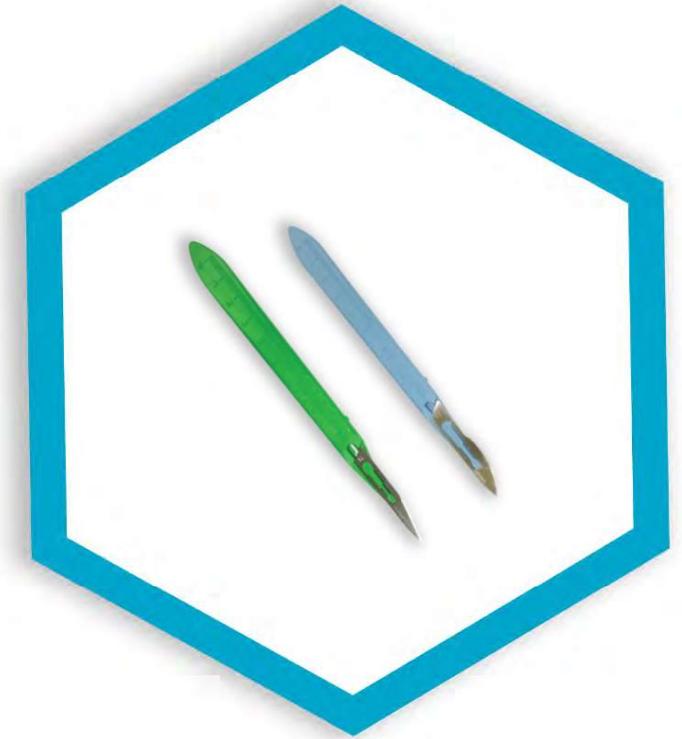
PRODUCT RANGE	
Category	Commercial Designation No.
A. For small-size Fittings (Handle No. 3)	10, 10A, 11, 12, 12D, 13, 15, 15C
B. For large-size Fittings (Handle No. 4)	18, 19, 20, 21, 22, 23, 24, 25



# Techno Cut

## STERILE SINGLE USE SCALPELS

1. Steel Blades with Ergonomically Designed Handles for Better Feel & Finer Precision
2. Assembled with Premium Quality In House Manufactured Swiss Stainless-Steel Blades.
3. Easy Peel Blister Pack in Medical Grade Paper.



Green Handle	Blue Handle
Being Specially made for our Distributors in USA, M/S Myco Medical	For India & Rest of the World

PRODUCT RANGE	
Category	Commercial Designation No.
A. For small-size fittings (Handle No. 3)	10, 11, 12, 12D, 15, 15C
B. For large-size fittings (Handle No. 4)	20, 21, 22, 23, 24, 25



# Blood Collection System



# VAKU-8<sup>®</sup> Evacuated (Vacuum) Tube System



Blood is collected directly into the tube during the venipuncture procedure and is a closed system.

However, with the syringe method, the blood from the syringe must be transferred into test tubes after collection and is an open system.

This reduces risky blood exposures to phlebotomist and need to transfer blood to test tubes by Lab technicians and consists of disposable needles and tubes.

Each BCT is Vacuumed in such a way that only desired quantity of blood is fill in the tube while drawing blood through blood collection needle.



## Bi-Cap

A butyl rubber stopper that seals Vaku-8 Blood Collection Tubes. It is covered by a plastic cover to help protect laboratory personnel from contact with blood on the stopper or around the outer rim of the tube.



# VAKU-8<sup>®</sup> Blood Collection NEEDLE



- Top cover are made of medical grade PP. It give protection to needle from damage.
- Lower covers are made of medical grade PE.
- Needle tube is made from cold roll stainless steel. The needle tube is thin walled which allows a larger internal diameter resulting in improved flow rate.
- Flexible rubber tube covers the backside of needle tube. This act as end blood stopper when is withdrawn from sample tube.
- To minimize trauma and with short Bevel to minimize risk of vein cross perforation.



## PRODUCT RANGE -

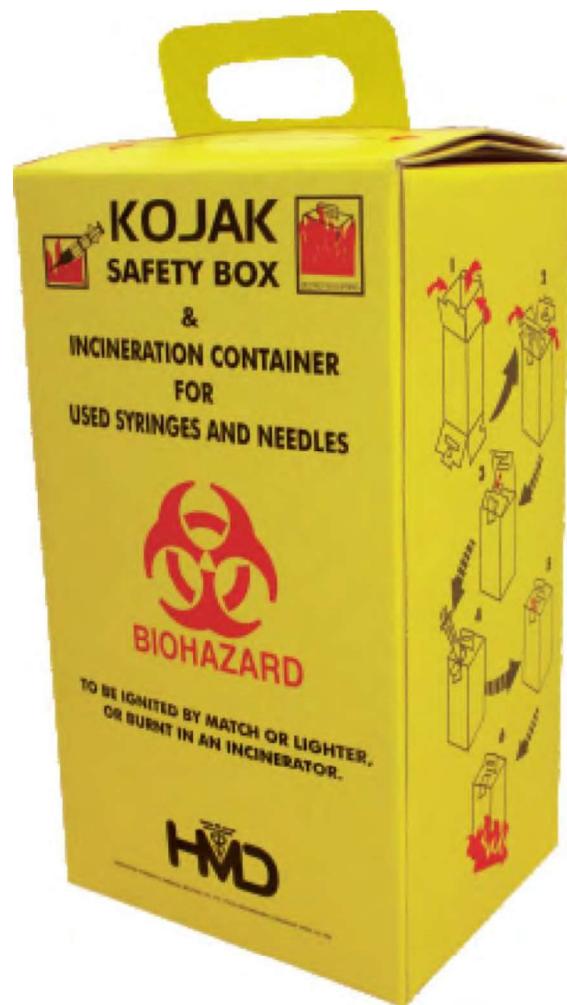
NEEDLE GAUGE	COLOUR CODE	NEEDLE LENGTH (mm) & (inch)	NEEDLE DIAMETER (mm)
21G	GREEN	25/38 1"1/2"	0.8
22G	BLACK	25/38 1"1/2"	0.7
23G	BLUE	25/38 1"1/2"	0.6

# Winged Blood Collection Set

- Well siliconized, 3 facet cut point Needle ( $\frac{3}{4}$ " length)
- Kink free tubing which is convenient in collecting multiple blood samples.
- All conventional double-sided needle are 1" & 1  $\frac{1}{2}$ " length which may cause counter puncture.
- Protective Shield in VAKU-8+ ensures there are no secondary needle sticks and no reuse of device.
- Available in 21G, 23G & 24G



**VAKU-8<sup>®</sup>**



## Accessories

For you to Practice Safer Use of Medical Devices.



# KOJAK SAFETY BOX

- Direction of use on the box in Multilingual Text as well as in Pictorial Directions with respect to Sequenced Code on Flaps.
- Handle in center avoids spillage during transportation.
- For Disposal : As per country specific waste disposal national policy guidelines.
- Seal edges with Adhesive Surgical Tape in case the box is intended to be used to collect Surgical Blades.
- Available in 5 liters and 10 liters .
- Safety box are supply by Pak Tech who are contract supplier to HMD

Because of Indian government regulation we cannot supply yellow colored Safety Boxes, so we are supplying only white color boxes in the Indian market. However in export market we are supplying safety boxes in yellow color.

## CAPACITY:

S. No.	Size of Syringe	With Needle No. of Syringes without Agitation		*Without Needle No. of Syringes without Agitation		With Needle No. of Syringes with Agitation		**Without Needle No. of Syringes with Agitation	
		5 ltr	10 ltr	5 ltr	10 ltr	5ltr	10ltr	5ltr	10ltr
1.	0.5ml/2ml	100	200	275	630	150	275	295	650
2.	5 ml	65	120	140	320	120	190	170	360

# DISPOCANN<sup>TM</sup>

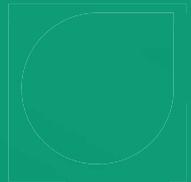
## ALCOHOL SWABS

For preparation of the skin prior to injection

- High Quality Alcohol Swab
- Pre-Moistened, Ready To Use
- Non-woven Cellulose Swab saturated with 70% v/v Isopropyl Alcohol, swab size : 30X 60 mm
- The alcohol helps disinfect the skin and other surfaces of potential sources of infection
- Manufactured by M/s Mohan Health Care, Gurugram which is a contract supplier for HMD



# Other Information



# Sterilization

Attributes	Ethylene Oxide Gas	Gamma Radiation
Main Difference	With the use of EtO Gas	Done for those products where EO Gas isn't permeable.
Done Where?	In House	Outsourced to Shriram Institute for Industrial Research
Products Covered	Syringes, Needles, Scalp Vein, I.V Cannula & Scalpels	Blood Collection Tubes & Blades



# Packaging

## Ribbon Pack

Ribbon package which consist of laminated plastic film heat sealed in the form of 3 side sealed pouch having a paper ribbon sealed inside it.

The ETO gas sterilization is achieved by permitting the gas to pass through the perforation on the plastic and to pass through the medical grade ribbon paper into the pouch.

More Common In Domestic Sales due to Weather Conditions



## Blister Pack

Blister packaging, having soft or rigid thermoformed film on top and having a controlled porosity medical grade paper as a bottom layer, which has good sealing ability and peel ability.

The paper material gives a fiber free peel, when the package is opened, permitting the user to identify the film which had been sealed to the paper.

More Favorable for Exports as the Volume Increases per Container

