



PRODUCT CATALOGUE

Our Vision

We dream of a world in which highest quality of healthcare is made available to all.



Our Mission

To Excel in designing & delivering of healthcare products and services with user friendliness and safety features using latest technology to earn trust and confidence of all stakeholders.



At POLYMED, our pursuit of excellence is a reflection of our commitment to matters closest to our hearts - such as care, concern and love for humanity. While our technologies are truly state-of-the-art, our business model is state-of-the-heart. Innovations, quality standards, products... Everything flows forth from our passion to touch life in a meaningful way.



Medical Devices Company of the Year 2018

by the Department of Pharmaceuticals Ministry of Chemicals & Fertilizers,
Government of India

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For detail product codes please visit our website:
www.polymedicure.com

Cutting edge technologies at work...



Company history and profile

Polymed was conceived and established by a group of engineers and technocrats dedicated to the idea of providing the benefits of modern healthcare to mankind at affordable prices. This unique philosophy has been the driving force behind the company since its inception in 1995. Today it has grown into one of the most dynamic and versatile manufacturer, producing over 3 million medical devices per day in its manufacturing facilities.



Highly trained & experienced personnel

The biggest asset is its committed, well trained and technically experienced personnel. Knowledge and skill is being enhanced by imparting regular trainings on Six Sigma and Lean Sigma for improving process capabilities and consistency in the quality of the product.

The core team is highly qualified, competent and motivated which provides guidance and support to over 3000 people employed in various facilities.

The company is committed to offer highest quality of products to the medical fraternity and its products are available in more than 100

countries. POLYMED strives hard to adhere to international standards and win new clients around the world with professionalism, reputation and high quality standards.



Modern production facilities & processes

POLYMED manufactures its products using state of the art technology in ultra-modern facilities covering over 400,000 square feet of manufacturing floor space with approximately 100,000 square feet of Grade C (class 10,000) to Grade D (class 100,000) (ISO Class 7 & 8) clean room areas. A high level of automation with vision control systems and artificial intelligence and effective process control systems help in delivering consistent product quality.





Quality assurance

POLYMED delivers products conforming to our strict quality standards. The work performance confirms to the highest quality standards and complies with international regulatory requirements, company operating procedures and testing methods. We are committed to continuous improvement and implementation of better processes and organizational efficiencies. POLYMED Quality Management System conforms to EN ISO 9001:2015 and ISO13485:2016. All the products are manufactured in accordance with current Good Manufacturing Practices.

Every employee receives training in GMP and standard operating procedures. Our independent quality assurance department reviews all data and procedures. Our quality review process provides assurance of the quality system and the effectiveness of corrective and preventative actions (CAPA). Routine internal and external quality audits for GMP compliance assure that our quality systems are consistent with current international standards.



Innovation & continuous improvement

Innovation, Safety and Quality have been POLYMED's mantra since inception. POLYMED has a state of the art Research & Development (R & D) facility. Focus on R & D has been the greatest contributor in the success of the organization. To further augment research environment, a brand new research facility has been established which is fully functional with latest equipment and research systems. The company has filed many patents for the products worldwide.



Highlights of R & D Facility :

- More than 50 qualified research staff at various levels
- Includes Product design, Prototyping lab, Tool design, Tool room and a Metrology lab
- Approved by Ministry of Science & Technology, Government of India
- Excellent infrastructure in CAD, CAM and Analysis softwares.



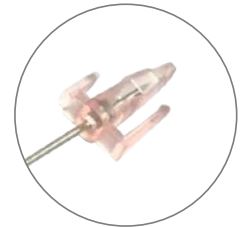
Infusion Therapy

11360-11368

Nouvo Protekt

Safety I.V. Cannula

- Four arm needle safety guard for prevention of needle stick injuries
- Ergonomically designed wings to provide ease of use & better stabilization of the catheter
- Snap fit cap for easy access of port
- Transparent flashback chamber for better visualization of blood during cannulation
- Specially designed thin walled needle facilitates smooth insertion
- New generation nexa catheter tip sustains multiple pricking



Four arm needle safety guard



Ergonomically designed wings



Transparent flashback chamber

Size	Catheter Color	Catheter O.D.mm	Catheter Length mm	Flow Rate (ml/min)
14G	Orange	2.0	45	305
16G	Grey	1.7	45	200
17G	White	1.5	45	142
18G	Green	1.3	45/32	100/105
20G	Pink	1.1	32/25	61/65
22G	Blue	0.9	25	36
24G	Yellow	0.7	19	23
26G	Violet	0.6	19	17

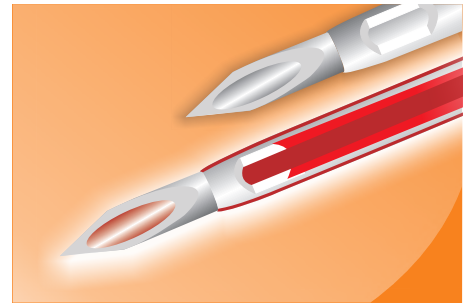
Infusion Therapy

11460-11467

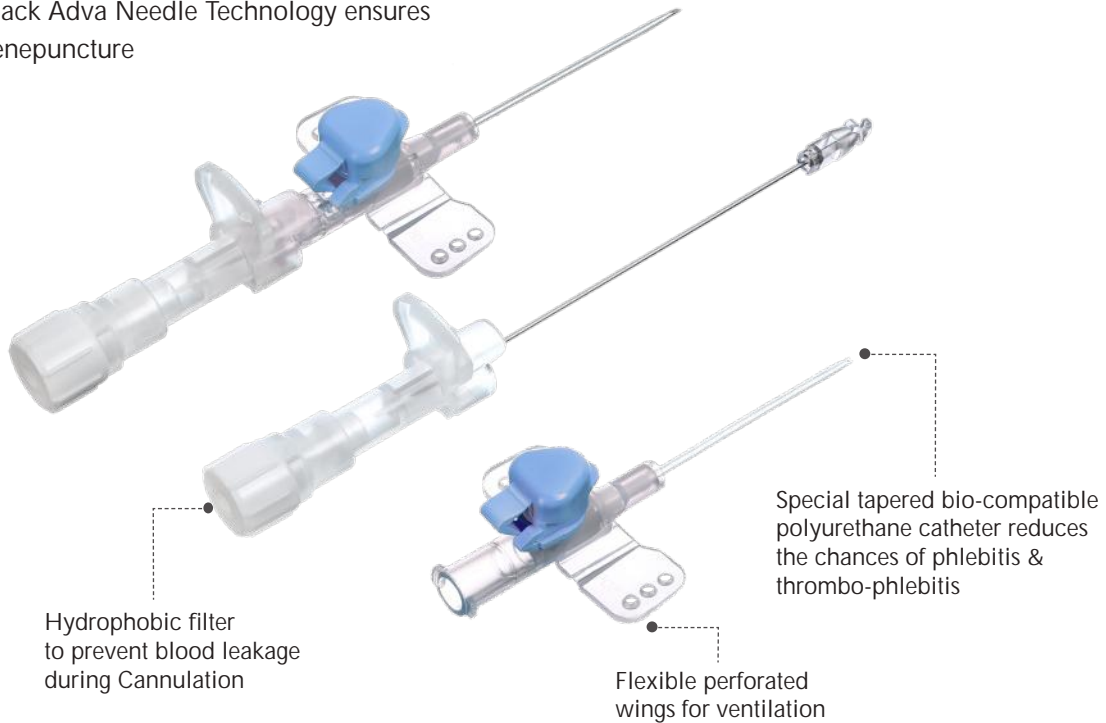
Polysafety Adva

Safety I.V. Cannula with Quick Flashback

- Needle safety guard contains plastic material offering less friction during withdrawal of needle
- Fully encapsulation of the needle bevel minimizes the blood exposure
- Round and smooth surface of needle safety guard prevents the risk of accidental scratch
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Quick flashback Adva Needle Technology ensures successful venepuncture



Adva Needle Technology



Size	Catheter O.D.mm	Catheter Length mm	Flow Rate (ml/min)
14G Orange	2.0	45	305
16G Grey	1.7	45	200
17G White	1.5	45	142
18G Green	1.3	45/32	100/105
20G Pink	1.1	32/25	61/65
22G Blue	0.9	25	36
24G Yellow	0.7	19	23
26G Violet	0.6	19	17

Infusion Therapy

12250-12256

Nouvo Flex Adva

Quick Flashback I.V. Cannula with

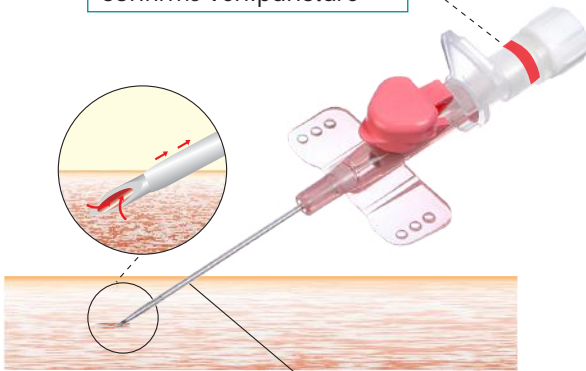
"Adva Needle Technology"

- Quick Flashback instantly confirms successful venipuncture
- Adva Needle technology enhances success in first-prick of needle
- Instant confirmation of blood flow along catheter body increases clinician's ability to successfully access the vein
- Advance Polyurethane catheter material ensures better bio- compatibility & longer indwelling time



Standard I.V. Cannula

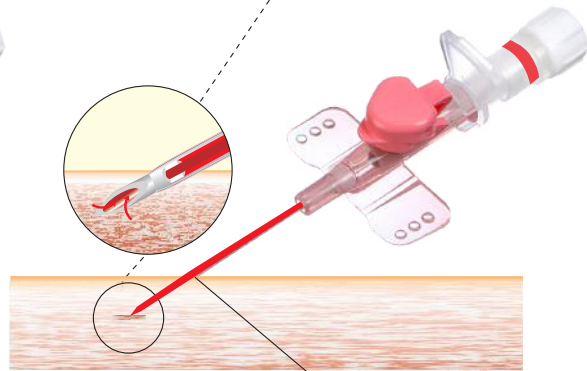
Visualization of flashback at the flashback chamber confirms venipuncture



Blood flows through the needle

Quick Flashback I.V. Cannula

Observe quick flashback through Adva needle



Quick visualization of blood flow through adva needle along with catheter body confirms successful venipuncture

Code	Description
12001-12036	Polyflon Adva I. V. Cannula
12180-12194	Polycath Adva I. V. Cannula
12240-12242	Polyneo Adva I. V. Cannula
12243-12244	Neonovo Adva I. V. Cannula

Size	Catheter O.D.mm	Catheter Length mm	FlowRate (ml/min)
14G Orange	2.0	45	305
16G Grey	1.7	45	200
17G White	1.5	45	142
18G Green	1.3	45	90
18G Green	1.3	32	94
20G Pink	1.1	32	56
22G Blue	0.9	25	36
24G Yellow	0.7	19	23
26G Violet	0.6	19	17

Infusion Therapy

10001-10815

I.V. Cannula

10001-10081

Polyflon

I.V. Cannula with port & wings

Sizes : 14G to 26G



10801-10808

Ultra I.P.

I.V. Cannula with port & wings

Sizes : 14G to 22G



10430-10435

Polycath

I.V. Cannula with integrated
three way stop cock

Sizes: 16, 18, 20, 22G



10600-10613

Polyneo

I.V. Cannula without port
& with small wings

Size : 24G



10615-10617

Neonovo

I.V. Cannula without port
& with small wings

Size : 26G



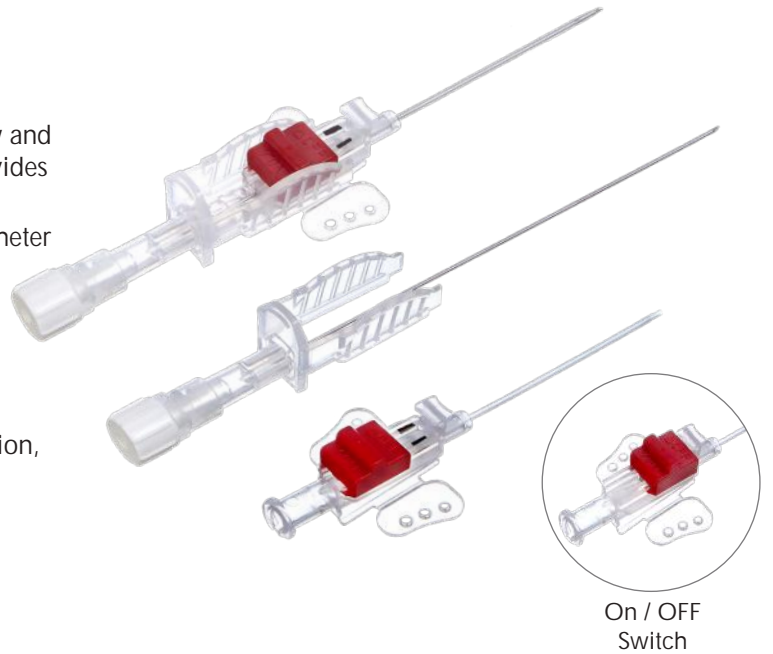
Infusion Therapy

13426-13427

Art-Can

Arterial Cannula

- Specially designed ON-OFF switch prevents backflow and exposure of blood to healthcare professional and provides safety from air embolism and contamination
- Special tapered and kink resistant FEP radiopaque catheter for easy insertion and optimal flow rate
- Specially designed thin walled needle facilitates smooth insertion
- Specially engineered grooves on the needle hub provides better grip and support during insertion
- Special flexible perforated wings provide secure fixation, ventilation and prevent skin maceration
- Size: 20G



On / OFF Switch

NEW

11700-11705

Polycath *AdVa* (Port) Safety

Safety IV Cannula (4-way)

- Specially designed injection port with one-way valve to facilitate intermittent medication
- Quick flashback technology instantly confirms successful venepuncture
- Needle safety guard minimizes the risk of needle stick injury
- Integrated three-way stopcock with port facilitates multiple infusions at the same time
- Specially designed thin walled needle facilitates smooth and atraumatic venepuncture
- Sizes: 16G, 18G, 20G and 22G



Needle Safety Guard



Infusion Therapy

13340-13347

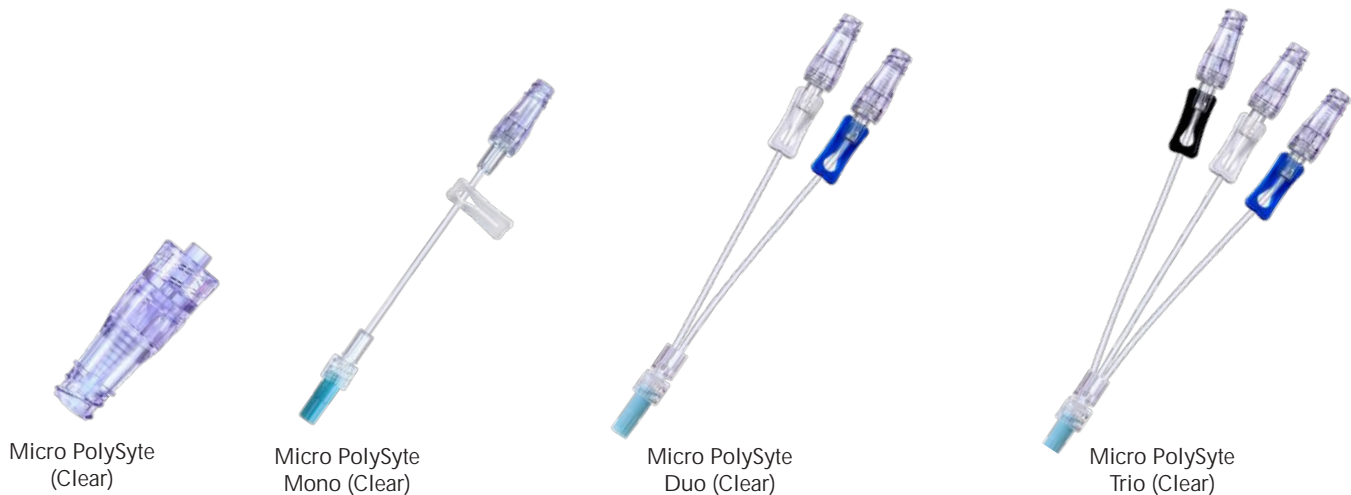
Micro PolySyte Clear

(Clave® Connector from ICU Medical USA)

- Neutral Displacement Connector
- Split-septum technology
- Straight fluid path & minimal deadspace of 0.04 ml allows for lower flush volumes
- Flat smooth swabable surface for ease of disinfection
- Allows saline flush option which eliminates the risk of Heparin Induced Thrombocytopenia (HIT)
- Lipids and blood compatible
- No latex or metal components, DEHP free, MRI compatible



Needle free technology, designed to reduce the risk of bacterial contamination and improve patient outcome
 A complete line of Needlefree I.V. Connectors to help you meet your clinical needs.



Micro PolySyte (Clear)

Micro PolySyte Mono (Clear)

Micro PolySyte Duo (Clear)

Micro PolySyte Trio (Clear)

Product Code	Brand Name	Specification
13300	PolySyte - MDVA	Clave Connector Multi-Dose Vial Access Spike
13340	Micro PolySyte - Mono (Clear)	Micro Clave Clear Connector (Mono-99cm) with small bore extension tubing
13341	Micro PolySyte - Duo (Clear)	Micro Clave Clear Connector (Duo-15cm) with small bore extension tubing
13342	Micro PolySyte - Trio (Clear)	Micro Clave Clear Connector (Trio-15cm) with large bore extension tubing
13343	Micro PolySyte - Trio (Clear)	Micro Clave Clear Connector Luer (Trio-15cm) with small bore extension tubing
13344	Micro PolySyte - Mono (Clear)	Micro Clave Clear Connector (Mono-152cm) with small bore extension tubing
13310	PolySyte - Access	Clave Connector, I.V. Bag Access device with BCV
13345	Micro PolySyte - Mono (Clear)	Micro Clave Clear Connector (Mono-10cm) with small bore extension tubing
13312	PolySyte Access (NV)	Clave Connector, I.V. Bag Access device
13314	PolySyte - R	Clave Connector with Red Ring (for arterial lines)
13315	PolySyte Access (AV)	Vented Bag Spike with Clave Connector
13316	PolySyte Access - Multi Cap	Clave Connector Multidose Vial Access Cap
13346	Micro PolySyte - Duo (Clear)	Micro Clave Clear Connector (Duo-15cm) with large bore extension tubing
13347	Micro PolySyte (Clear)	Micro Clave Clear Connector (Stand alone)

* Clave® is registered trade mark of ICU Medical, USA
 Part content of this catalogue is provided by ICU Medical USA

Infusion Therapy

13001-13003

Polyway

Three Way Stop Cock

- For multiple infusions
- 360° rotation



13026

Polyway Pro Click

- Three Way Stop Cock **Lipid Resistant** with 45° Click



Common features

- Crystal clear transparent channel
- Minimum priming volume required for accurate drug administration
- Rotating male luer and two female luer connectors
- Arrow indication on the handle to indicate the direction of flow
- Connection meets 6% taper requirement to ensure leakage free fitment
- For pressure up to 4.5 bar (65 psi)

13016-13022

Polyway with Extension Tube

Three Way Stop Cock with Extension Tube

- Soft, frosted & kink resistant PVC tubing provides uninterrupted fluid movement
- Tube length : 10, 25, 50, 80, 100, 150, 200, & 300 cm
- Tube dia : I Ø 3 mm & O Ø 4.1 mm



13615-13620

Nouvo Click Extension

Three Way Stop Cock with DEHP Free Extension Tube

- Three Way Stop Cock with 45° Click
- Soft, frosted & kink resistant DEHP free tubing
- Tube length : 10, 25, 50, 100, 150, 200, & 300 cm
- Tube dia : I Ø 3 mm & O Ø 4.1 mm



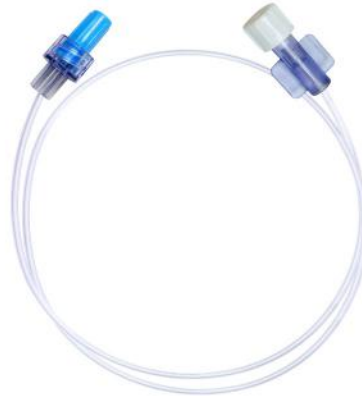
Infusion Therapy

13119-13149

Extension Lines

High Pressure Extension Line

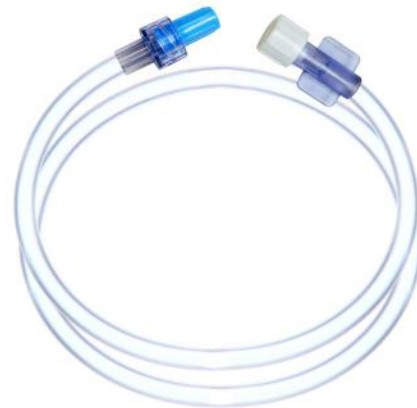
- Suitable for high pressure monitoring
- Kink resistant PVC tubing
- For pressure up to 55 bar (800 psi)
- Priming Volume : 0.8 ml per 100 cm
- Tube dia : I Ø 1.5 mm & O Ø 3.0 mm



13180-13202

Low Pressure Extension Line

- Extension line suitable for low pressure applications
- For pressure up to 4.5 bar (65 psi)
- Kink resistant PVC tubing
- Tube dia : I Ø 3.0 mm & O Ø 4.1 mm



13350-13351

CVP Manometer

- Specially designed to measure and monitor continuous or intermittent, Central Venous Pressure
- Manometer tube with graduations marked from -4 cm to +34 cm and attached to three way stopcock
- 120 cm long extension tube is fitted with female luer lock on one end and male luer lock on the other end for safe connection to Central Venous Catheter
- Sliding indicator is provided to record reading



14265-14267

Autofusion Set

I.V. Infusion Set with Auto Air Stop & Priming Filter

14262

Autofusion BCV

I.V. Infusion Set with Back check valve



Auto Air Stop Filter

- Specially designed **Auto Air Stop** filter prevents the entry of air in the line when the I.V. bottle is empty
- **Auto Air Stop** filter maintains a constant fluid level and reduces the possibility of air in the I.V. line



Priming Filter

- The special **Priming Filter** ensures that the line fills automatically (Auto Prime) thus maintains a **closed system**
- Helps in reducing **Healthcare Associated Infections (HAI)**
- Reduces spillage and wastage of I.V. fluid



Provided with Back check valve to prevent backflow of fluid

Features and Benefits

- Clear spike compatible with I.V. bottles
- Unique designed ring in drip chamber for secure gripping
- **PVC free** flexible drip chamber for easy and fast priming (Drop rate 20 drops/mL)
- **DEHP free** reduces phthalate related toxicity thus ensures patient safety
- Suitable for gravity feed as well as Pressure Infusions up to 2 bars
- "Y" injection port (**latex free**) designed for intermittent medications
- Standard tube length: 180cms



Infusion Therapy

14160-14163

Oncofusion Set

I.V. Infusion Set with 0.2 Micron in-line Filter

- I.V. Infusion set with 0.2 micron in-line filter prevents particle, air, bacteria & fungi passing into the venous system
- The special **Priming Filter** ensures that the line fills automatically (Auto Prime) thus maintains a **closed system**
- **Latex free**
- **DEHP free**
- **PVC free**



Priming Filter



I.V. Infusion Set with 0.2 Micron in-line Filter



14230

Photofusion Set

I.V. Infusion Set for Photosensitive Drugs

- Protects light sensitive drugs from UV exposure
- UV resistant tubing minimizes decomposition of the active ingredients of various drugs
- The special **Priming Filter** ensures that the line fills automatically (Auto Prime) thus maintains a **closed system**
- **Latex free**
- **DEHP free**



Priming Filter

Options Available

- With or without needle
- Rotating luer lock
- "Y" injection port (**latex free**) designed for intermittent medications



Infusion Therapy

14120-14134

Novofusion Set

I.V. Infusion Set with Airvent

- Sharp and easy piercing air vented spike
- Bacteria retention air inlet with snap on cap
- "Y" injection port (latex free) designed for intermittent medications
- Luer lock provided for leak proof connection
- **Latex free**
- **DEHP free**



14001-14013

Polyfusion Vented

I.V. Infusion Set with Airvent

- Sharp and easy piercing air vented spike
- Bacteria retention air inlet with snap cap
- Approximately 20 drops/ml
- Also available without Airvent as Polyfusion Non Vented



Common Features

- Transparent & flexible drip chamber
- 15 micron fluid filter in drip chamber
- Soft and kink resistant PVC tubing
- Smooth roller clamp facilitates easy & controlled adjustment of fluid rates
- Standard tube length : 150 cms
- Tube dia : I Ø 3 mm & O Ø 4.1 mm



Infusion Therapy

14060-14070

Microfusion Set

I.V. Infusion Set with Micro Drip

- Micro I.V. Infusion set for paediatric use
- Approximately 60 drops/ml



Features

- Transparent & flexible drip chamber
- 15 micron fluid filter in drip chamber
- Soft and kink resistant PVC tubing
- Smooth roller clamp facilitates easy & controlled adjustment of fluid rates
- Standard tube length : 150 cms
- Tube dia : I Ø 3 mm & O Ø 4.1 mm

14580

Polypedia

DEHP Free Measured Volume Fluid Administration Set

- PVC free hard burette chamber measured volume fluid administration set
- Bacteria retentive air inlet on spike
- Automatic shut off valve prevents entry of air once the burette chamber gets emptied, also indicates the level of fluid
- Micro drip with 60 drops per ml
- 15 micron fluid filter to entrap particulate matter
- Soft and kink resistant PVC tubing
- Tube dia : I Ø 3 mm & O Ø 4.1 mm
- **Latex free**



Features:

- Air vented spike
- Sizes : 110 ml & 150 ml
- Standard Tube length : 150 cm

Infusion Therapy

14500-14580

Polyvol Pro

Measured Volume Fluid
Administration Set (Burette Set)

- "Y" injection port designed for intermittent medication
- **Latex Free**



- Transparent, cylindrical & calibrated measured volume chamber with bold scale
- Bacteria retentive air inlet on spike
- Automatic shut off valve prevents entry of air once the burette chamber gets empty
- Automatic shut off valve also indicates the level of fluid
- Micro drip with 60 drops per ml
- 15micron fluid filter in the drip chamber
- Soft and kink resistant PVC tubing
- Tube dia : I Ø 3 mm & O Ø 4.1 mm

Features:

- Air vented spike
- Sizes : 110 ml & 150 ml
- Standard Tube length : 150 cm

14500-14580

Polyvol

Measured Volume Fluid
Administration Set (Burette Set)



Infusion Therapy

13150-13164

Polyflo Novo

I.V. Flow Regulator Extension Sets

- Precise flow rate control of I.V. fluids with range of 5 to 250 ml/hr
- With "Y" injection port for intermittent medication
- Male luer connector at one end and female luer connector at other end
- Standard tube length : 20 cm without "Y" site & 40 cm with "Y" site
- **Latex free**



14090-14107

Polytrol - Micro Set

I.V. Infusion Set with Micro Drip & Flow Regulator

- Flow regulator integrated with I.V. infusion set for precise flow control
- Flow rate 5ml/hr to 250ml/hr
- Approximately 60 drops/ml
- Also available with standard drip chamber (20 drops/ml)
- **Latex free**



Features

- For gravity feed only
- 15 micron fluid filter in drip chamber
- Soft and kink resistant DEHP free PVC tubing ensures uniform flow rate
- Smooth roller clamp facilitates easy, safe control and adjustment of fluid rates
- Standard tube length: 150 cms
- Tube dia : I Ø 3 mm & O Ø 4.1 mm

Central Venous Access Catheters

15500-15612

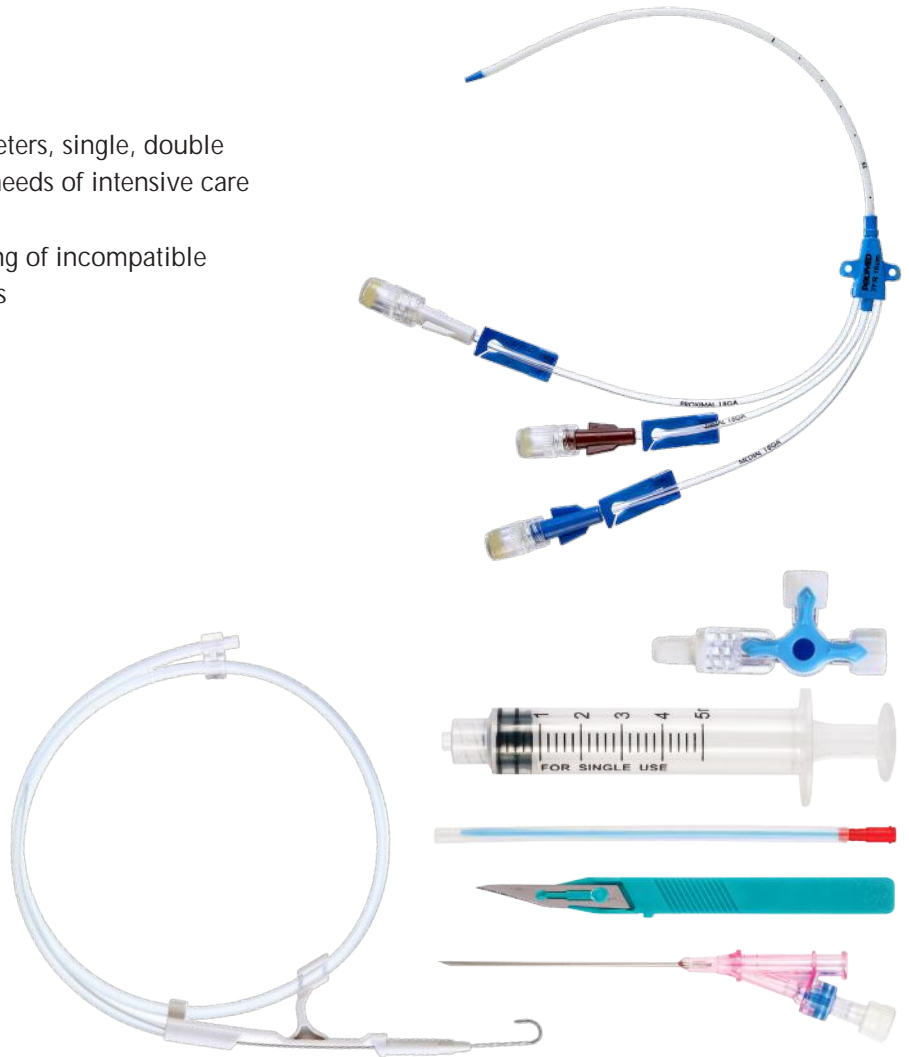
Novocent Pro

Central Venous Catheters

- Complete range of Central Venous Catheters, single, double triple & quadruple lumen, meeting the needs of intensive care and emergency medication
- The multi lumen catheters prevent mixing of incompatible drugs thus minimizing the complications

Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- Kink resistant J-tip nitinol guide wire
- Dilator
- Luer lock syringe
- Lipid resistant three way stop cock
- Scalpel
- Catheter holder
- Catheter holder clamp



Features

- Central Venous Catheter made of specially formulated and **biocompatible Polyurethane** material provides strength during insertion
- PUR material softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- Specially designed soft & beveled tip for smooth & easy insertion of catheter
- Soft flexible J-tip guide wire made up of nitinol prevents the vessel perforation and also provides good torque to ensure firm insertion
- Radio-opaque material of catheter with clear, definite marking facilitates correct placement of catheter tip



Central Venous Catheters Sizes

PRODUCT DESCRIPTION			INDWELLING CATHETER		GUIDE WIRE	
Variant	Novocent Pro	Novocent	Specification (Sizes)	Length (mm)	Diameter (inch/mm)	Length (cm/mm)
Single Lumen	15500	15001	3FR / 20G (D)	80	0.018 / 0.46	50/500
	15501	15002	3FR / 20G (D)	130	0.018 / 0.46	50/500
	15502	15003	3FR / 20G (D)	150	0.018 / 0.46	50/500
	15503	15004	3FR / 20G (D)	160	0.018 / 0.46	50/500
	15504	15005	3FR / 20G (D)	200	0.018 / 0.46	50/500
	15505	15006	4FR / 18G (D)	130	0.018 / 0.46	50/500
	15506	15007	4FR / 18G (D)	150	0.018 / 0.46	50/500
	15507	15008	4FR / 18G (D)	160	0.018 / 0.46	50/500
	15508	15009	4FR / 18G (D)	200	0.018 / 0.46	50/500
	15509	15010	5FR / 16G (D)	160	0.035 / 0.89	50/500
	15510	15011	5FR / 16G (D)	200	0.035 / 0.89	50/500
	15511	15012	5FR / 16G (D)	300	0.035 / 0.89	70/700
	15512	15013	6FR / 14G (D)	160	0.035 / 0.89	50/500
	15513	15014	6FR / 14G (D)	200	0.035 / 0.89	50/500
	15514	15015	6FR / 14G (D)	300	0.035 / 0.89	70/700
	15515	15016	7FR / 12G (D)	160	0.035 / 0.89	50/500
15516	15017	7FR / 12G (D)	200	0.035 / 0.89	50/500	
15522	15019	8FR / 12G (D)	200	0.035 / 0.89	50/500	
15523	15020	9FR / 11G (D)	200	0.035 / 0.89	50/500	
Double Lumen	15548	15068	4FR / 22G (P) - 22 G (D)	80	0.018 / 0.46	50/500
	15530	15050	4FR / 22G (P) - 22 G (D)	130	0.018 / 0.46	50/500
	15531	15051	4FR / 22G (P) - 22 G (D)	160	0.018 / 0.46	50/500
	15532	15052	4FR / 22G (P) - 22 G (D)	200	0.018 / 0.46	50/500
	15550	15069	5FR / 18G (P) - 20 G (D)	80	0.018 / 0.46	50/500
	15533	15053	5FR / 18G (P) - 20 G (D)	130	0.018 / 0.46	50/500
	15549	15064	5FR / 18G (P) - 20 G (D)	160	0.018 / 0.46	50/500
	15534	15054	5FR / 18G (P) - 20 G (D)	200	0.018 / 0.46	50/500
	15535	15055	7FR / 16G (P) - 16 G (D)	160	0.035 / 0.89	50/500
	15536	15056	7FR / 16G (P) - 16 G (D)	200	0.035 / 0.89	50/500
	15537	15057	7FR / 16G (P) - 16 G (D)	300	0.035 / 0.89	70/700
	15538	15058	7FR / 14G (P) - 18 G (D)	160	0.025 / 0.64	50/500
	15539	15059	7FR / 14G (P) - 18 G (D)	200	0.025 / 0.64	50/500
	15640	15060	7FR / 14G (P) - 18 G (D)	300	0.025 / 0.64	70/700
	15644	15065	7FR / 18G (P) - 14 G (D)	160	0.035 / 0.89	50/500
	15645	15066	7FR / 18G (P) - 14 G (D)	200	0.035 / 0.89	50/500
15541	15061	8FR / 14G (P) - 14 G (D)	160	0.035 / 0.89	50/500	
15543	15063	8FR / 14G (P) - 14 G (D)	300	0.035 / 0.89	70/700	
Triple Lumen	15566	15106	4.5FR / 23G (P) 20G (D)-23G(M)	60	0.018 / 0.46	50/500
	15570	15115	4.5FR / 23G (P) 20G (D)-23G(M)	80	0.018 / 0.46	50/500
	15571	15116	4.5FR / 23G (P) 20G (D)-23G(M)	130	0.018 / 0.46	50/500
	15574	15108	5FR / 20G (P) 22G (D)-22G(M)	80	0.018 / 0.46	50/500
	15575	15109	5FR / 20G (P) 22G (D)-22G(M)	130	0.018 / 0.46	50/500
	15576	15110	5FR / 20G (P) 22G (D)-22G(M)	150	0.018 / 0.46	50/500
	15568	15111	5FR / 20G (P) 22G (D)-22G(M)	160	0.018 / 0.46	50/500
	15569	15112	5FR / 20G (P) 22G (D)-22G(M)	200	0.018 / 0.46	50/500
	15560	15100	5.5FR / 22G (P) 20G (D)-22G(M)	80	0.018 / 0.46	50/500
	15561	15101	5.5FR / 22G (P) 20G (D)-22G(M)	160	0.018 / 0.46	50/500
	15562	15102	5.5FR / 22G (P) 20G (D)-22G(M)	200	0.018 / 0.46	50/500
	15678	15113	7FR / 18G (P) 16G (D)-18G(M)	150	0.035 / 0.89	50/500
	15663	15103	7FR / 18G (P) 16G (D)-18G(M)	160	0.035 / 0.89	50/500
	15664	15104	7FR / 18G (P) 16G (D)-18G(M)	200	0.035 / 0.89	50/500
15165	15105	7FR / 18G (P) 16G (D)-18G(M)	300	0.035 / 0.89	70/700	
Four Lumen	15601	-	8FR / 18G (P) 16G (D)-18G(M1-M2))	130	0.035 / 0.89	50/500
	15602	-	8FR / 18G (P) 16G (D)-18G(M1-M2)	160	0.035 / 0.89	50/500
	15603	-	8FR / 18G (P) 16G (D)-18G(M1-M2)	200	0.035 / 0.89	50/500

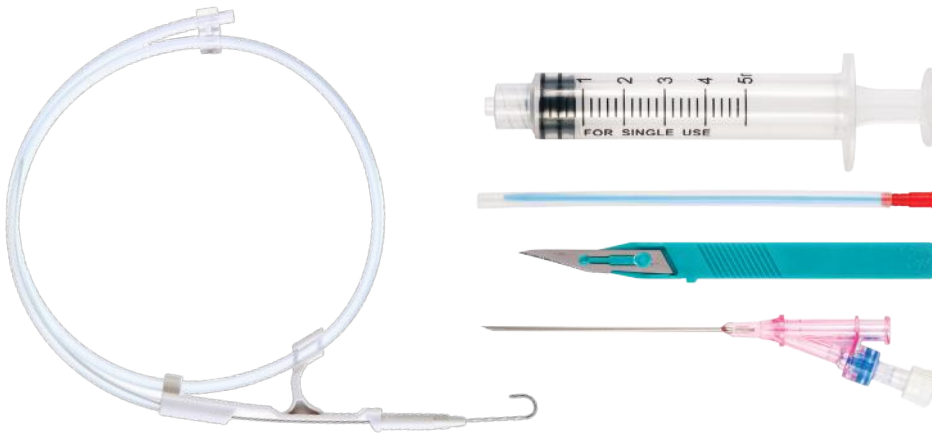
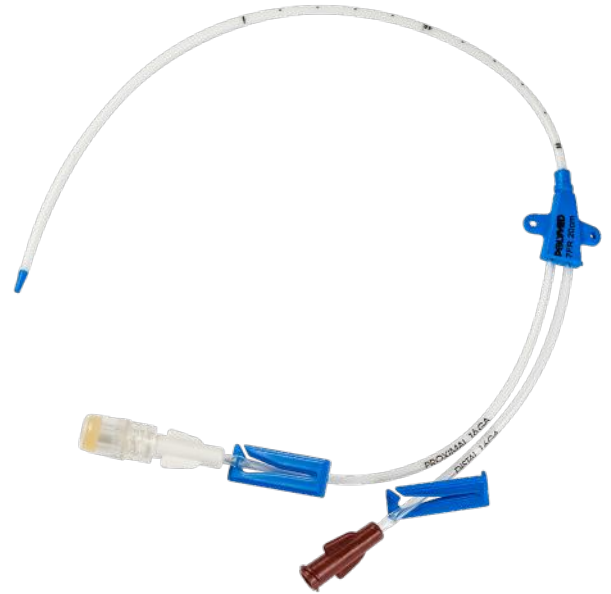
Central Venous Access Catheters

15001-15163

Novocent

Central Venous Catheters

- Central Venous Catheter made of specially formulated and **biocompatible Polyurethane** material provides strength during insertion
- PUR material softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- Specially designed soft & beveled tip for smooth & easy insertion of catheter
- Soft flexible J-tip guide wire made up of stainless steel
- Radio-opaque material of catheter with clear, definite marking facilitates correct placement of catheter tip



Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- J-tip stainless steel guide wire
- Dilator
- Luer lock syringe
- Scalpel
- Catheter holder
- Catheter holder clamp

For sizes please refer the table of previous page.

Suction Catheters

Endo Bronchial Suction Catheters



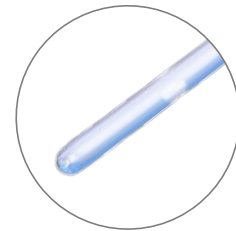
21130-21140
Thumb Control Connector



21160-21170
Finger Tip Control Connector



20010-20026
Standard Connector



Atraumatic, soft & rounded closed tip with one/two lateral eyes

Common Features

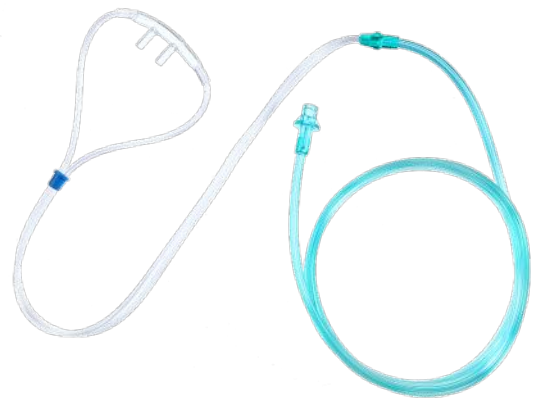
- For removal of secretion from trachea and bronchial region
- Soft, frosted and kink resistant DEHP free PVC tubing with maximum patient comfort
- Color coded connector for identification of size
- Thumb control & finger tip control are available with graduation marks after every cm
- Length : 50 cms
- Sizes : 5 FG to 24 FG

20020-20025

Nasocath

Twin Bore Nasal Oxygen Cannula

- Suitable for easy and efficient administration of oxygen
- Star lumen kink resistant main tube to avoid accidental blockage
- Soft twin prong nasal tips to ensure equal distribution of oxygen through both air passages which provides maximum patient comfort
- Tube length: 200cm
- Sizes: Adult, Paediatric & Neonatal



Neonatal



Paediatric



Adult

Anaesthesia & Respiratory Care

20050-20057

Guedel Airway

Oro-Pharyngeal Airway

- Suitable for maintaining an unobstructed oropharyngeal airway
- Bite block to prevent biting of tongue and airway occlusion
- Rounded atraumatic edges & smooth airway
- Color coded for easy identification of sizes
- Sizes : 000, 00, 0, 1, 2, 3, 4, 5



000	00	0	1	2	3	4	5
Voilet	Blue	Black	White	Green	Orange	Red	Yellow

20410-20411

Polyciser

Respiratory Exerciser

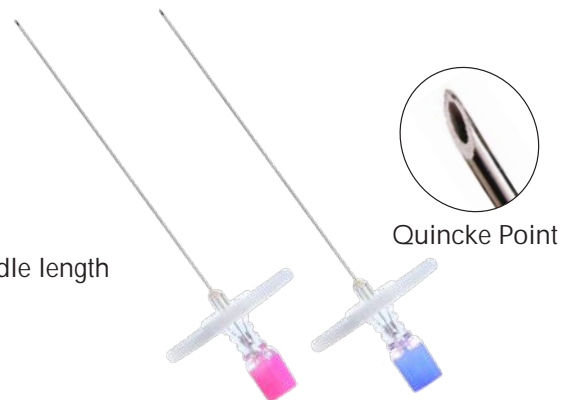
- Innovative system to exercise respiration through aspiration
- Provided with **unique handle** for easy holding while exercising
- Breathing capacity of 1200cc, 900cc & 600cc provides more efficient exercise to the patient at a step up basis
- Innovative design, can be dismantled into parts for cleaning & disinfection
- Tube holder holds flexible tube while not in use
- Air Filter for enhanced protection during inspiration



20919-20931

Spinal Needle

- Suitable for Spinal anaesthesia
- Conical tip imparts superior tactile feedback
- High flow rate enables faster Cerebro Spinal Fluid (CSF) flashback
- Sizes: - 16 G to 27 G x 3.5" (Approx. 90 mm) needle length
- Available with Quincke Point only



Anaesthesia & Respiratory Care

20115-20118

Oxygen Mask

Variable Concentration Mask

- Suitable for convenient oxygen therapy
- Swivel connector for patient comfort



20124-20126

Ultra Mask

Oxygen Mask with Reservoir

- Suitable for high concentration oxygen therapy
- Comes with a transparent plastic reservoir of 600 ml attached to the mask allows deep breathing without wastage of oxygen
- Non return valves provided to prevent CO₂ retention



20111-20114

Nebulizer Mask

Aerosol Therapy Mask

- Specially designed nebulizer chamber with nebulization rate of approximately 3cc in 10 minutes
- Average particle size generation is approximately 2 microns
- Complete kit consists of: Nebulizer Mask, Nebulizer Chamber, and Star Lumen Tubing
- 200 cm long star lumen tubing to ensure continuous flow of oxygen
- Sizes: Adult and Paediatric



Common Features

- Elongated facemask for long term use
- Clear and soft mask for patient comfort
- Adjustable elastic strip and integrated nose clip for proper positioning of mask

Endotracheal Tubes

20150-20916

Endotracheal Tube (Cuffed)

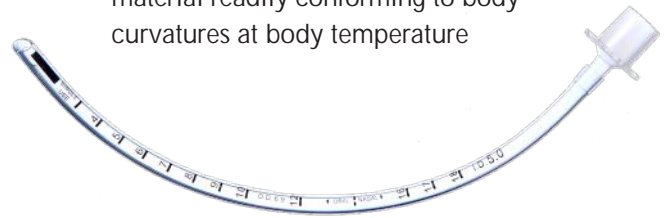
- Provided with soft cuff based on high volume and low pressure at the distal end
- Non-return valve with pilot cuff for easy assessment of the pressure in the main cuff



20932-20939

Endotracheal Tube (Plain)

- Made of special thermo sensitive material readily conforming to body curvatures at body temperature



Common Features

- Proximal end fitted with standard 15 mm connector
- Radiopaque line on the tube to facilitate easy location of tube
- Murphy eye at distal end for atraumatic intubation and extubation

Endotracheal tube sizes (I.D. of the tube in mm) :

Cuffed	-	-	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Plain	2	2.5	3	3.5	4	4.5	5	5.5	-	-	-	-	-	-	-	-

40350-40419

Mucus Extractor

- For aspiration of secretion from oropharynx to ensure free respiration in newly born babies
- Convenient to extract mucus specimen for microbiological examination
- Separate screw top lid for safe sealing and handling of aspirate
- Soft, frosted & kink resistant PVC tubing
- Available in: 25 ml & 40ml
- Suction tube lengths available: 40 & 50 cm
- Suction tube sizes: from 6FG to 14FG



Mucus Extractor with bacterial barrier filter in the cap



Ventilator Circuits

20418

Adult Ventilator Circuits

- 22mm corrugated tube of 1.6 m length
- 22mm male and female circuit adaptors x 2

20421

Paediatric Ventilator Circuits

- 15mm corrugated tube of 1.6m length
- 22mm / 15mm male and female circuit adaptors x 2

20419

Ventilator Circuits With one water trap

- 22mm corrugated tube of 1.6 m length
- 22mm male and female circuit adaptors x 2
- One water trap with capacity of 50ml approx.



Common Features

- Y Connector with ports
- Safety cap

Anaesthesia & Respiratory Care

20420

Ventilator Circuits with two water trap

- Flexible breathing system consists of 2 ports of 22 mm diameter
- Y Connector with ports
- Safety cap
- 22 mm straight connector to connect the machine port
- 2 Water traps
- Water trap with capacity of 50ml approx.



20416-20417

Bain Circuit

Bain Circuit Adult:

- Provided with 22mm Corrugated tube of length 1.6m
- 6mm green PVC tube of length 1.6 m
- APL Valve
- 2.0 L Antistatic Rebreathing Bag

Bain Circuit Paediatric:

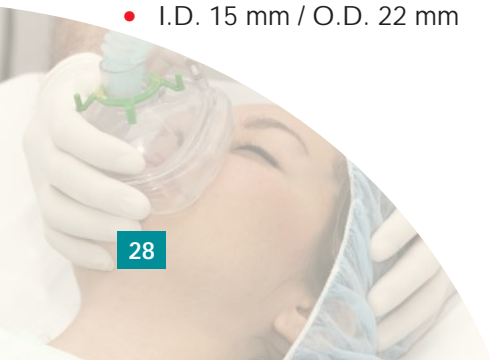
- Provided with 15mm and 10mm corrugated tube of length 1.6m
- 0.5 L Antistatic Rebreathing Bag



20180

Catheter Mount

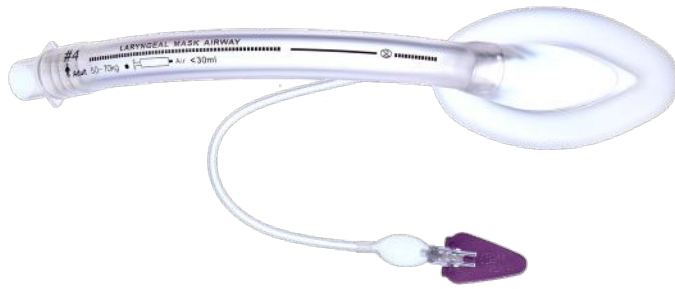
- Suitable for connection between endotracheal tube and breathing circuits
- Provided with 22 mm standard female connector compatible with all breathing & ventilator circuits
- An elbow port is provided for easy suctioning without causing disturbance to breathing circuits
- I.D. 15 mm / O.D. 22 mm



Laryngeal Mask Airway

20445-20452

PVC Laryngeal Mask



20455-20462

Silicon Laryngeal Mask



Common Features

- Specially engineered laryngeal mask comes with separate inflation line
- Disposable airway has 15mm standard connector
- Radio-Opaque line for X-ray visualization
- Pilot balloon for easy inflation and deflation of cuff
- Available in PVC and 100% silicon variant
- Sizes: 1, 1.5, 2, 2.5, 3, 4 and 5

20424

HME Filter

- Filter particles
- Moisture return: 32mg H₂O/L
- Flow rate: 30L/minute at pressure 0.2Mpa
- Filter efficiency: greater than 95%
- Minimum tidal volume: 150ml



Urology

Urine Collection Bags

30101-30102

Polyuro-Premium

- Available with specially molded handle for easy handling
- T-type bottom outlet for single hand operation and efficient emptying of the bag
- Available with **sampling port** for quick & safe collection of urine sample
- Capacity : 2000 ml, Tube length: 100cm



Sampling Port



T-type bottom outlet

30103

Polyuro-Deluxe

- Available with handle for easy handling with top outlet
- Capacity : 2000 ml, Tube length: 100cm



30107

Polyuro-Standard

- Urine collection bag with top outlet & rod for hanging
- Capacity : 2000 ml, Tube length: 90cm



30104

Polyuro-Echo

- Urine collection bag with top outlet & rod for hanging
- Capacity : 2000 ml, Tube length: 90cm



Urology

30112

Paediatric Urine Collection Bag

- For short term urine collection
- Suitable for both male and female infants
- Capacity : 100ml
- Provided with special adhesive for better grip and easy removal from soft skin of the infants



30108-30109

Leg Bag Set

- Provides freedom of mobility as the bag is attached to the leg of the patient
- Available with leg straps
- Capacity : 800 ml
- Tube length: 50cm

Leg Straps



30121-30122

Polyurimeter Plus

- Urine collection bag graduated in ml with measured volume meter for accurate measurement of urine
- Needle free sampling port provided for sample collections maintains closed system, reduces the chance of Urinary Tract Infection



Needle free Sampling Port



T-type bottom outlet

30113-30119

Polyurimeter



T-type bottom outlet

Common Features

- Inlet tube length : 100 cm
- Capacity of urine collection bag : 2000 ml
- Soft, frosted and kink resistant PVC tubing
- With T-type Bottom outlet
- Available with specially molded hanger for easy handling
- Reservoir capacity 250 ml, 500 ml

Urology

Urine Drainage Catheters

Short Term Urine Drainage Catheters

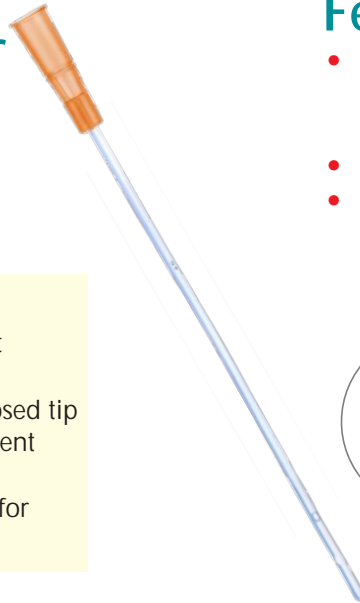
30010-30019

Nelaton Catheter

- For short term bladder catheterisation through urethra in males
- Length : 40 cms
- Sizes : 6 FG to 24 FG

Common Features

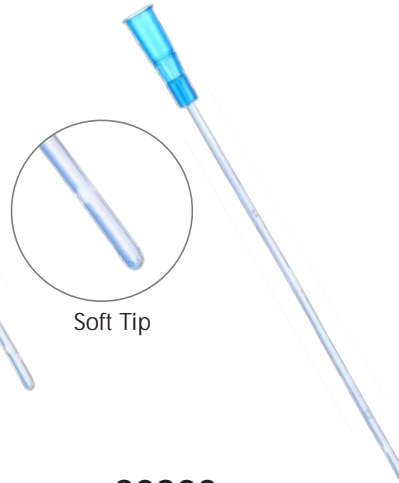
- Soft, frosted and kink resistant PVC tubing
- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
- Color coded plain connector for easy identification of size



30060-30069

Female Catheter

- For short term bladder catheterisation through urethra in females
- Length : 18 cms
- Sizes : 6 FG to 20 FG



Size	Catheter I.D. mm
32FG	Brown
30FG	Light Grey
28FG	Green
26FG	White
24FG	Light Blue
22FG	Violet
20FG	Yellow
18FG	Red
16FG	Orange
14FG	Green
12FG	White
10FG	Black
8FG	Blue
6FG	Light Green

30180-30188

Foley Balloon Catheter

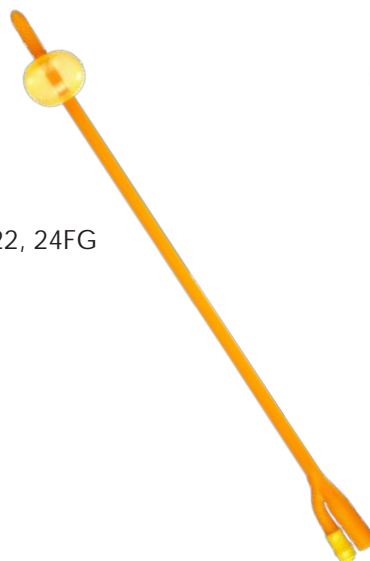
- Made of Silicone elastomer bonded with latex rubber, which can be retained in body for longer duration
- Symmetrical Foley balloon to ensure upright tip in urinary bladder for proper drainage of urine
- Two lateral eyes to prevent the risk of injury and encrustation
- Hard plastic valve for trouble free inflation and deflation of balloon
- Color-coded for easy identification of size

Sizes Adult:

Two way: 12, 14, 16, 18, 20, 22, 24FG
Balloon Capacity: 30 ml

Sizes Paediatric:

Two way: 8, 10FG
Balloon Capacity: 3- 5 ml



30300

TUR Set

- Y shaped set for endoscopic irrigation during Trans Urethral Resection of prostate gland
- Made of non toxic, medical grade PVC
- Flexible latex tubing at proximal end

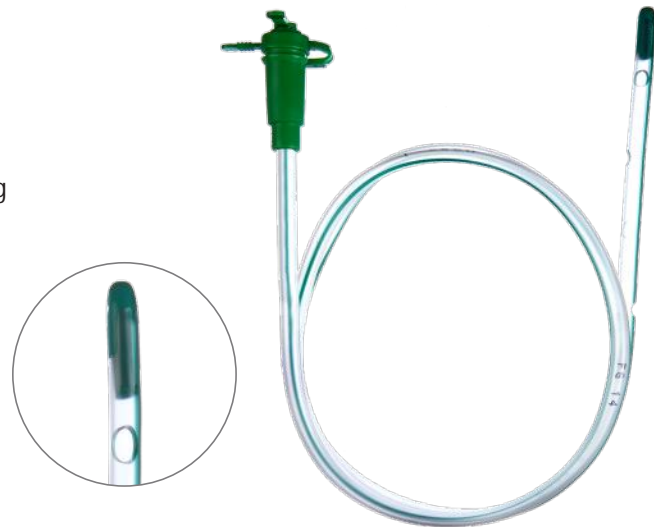


40001-40011

Ryle's Tube

Nasogastric Feeding Tube

- For nasogastric introduction of nutrition and aspiration of intestinal secretion
- Closed distal end coned with radio-opaque material for accurate placement
- Four lateral eyes
- Tube with radio-opaque line, marked at 50, 60 and 70 cm from the tip for accurate placement
- Soft, frosted and kink resistant **DEHP free** PVC tubing
- Color coded funnel end connector for easy identification of size
- Length : 105 cm, Sizes : 6 FG to 24 FG

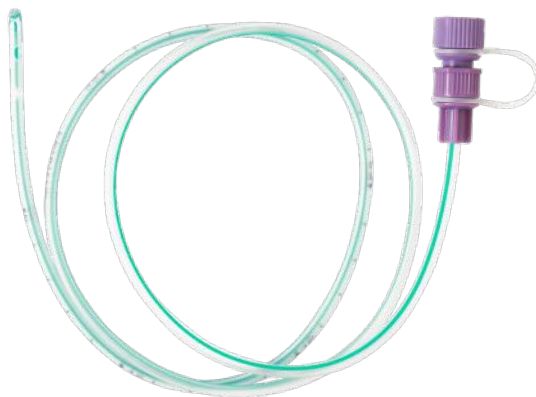


Infant Feeding Tubes with Graduation

40090-40116

Novofeed Pro

- Closed distal end with two lateral eyes
- Soft, frosted & kink resistant PVC tubing with radio-opaque line
- Length : 40, 60 & 80 cm
- Sizes : 5 FG to 10 FG
- **DEHP Free**

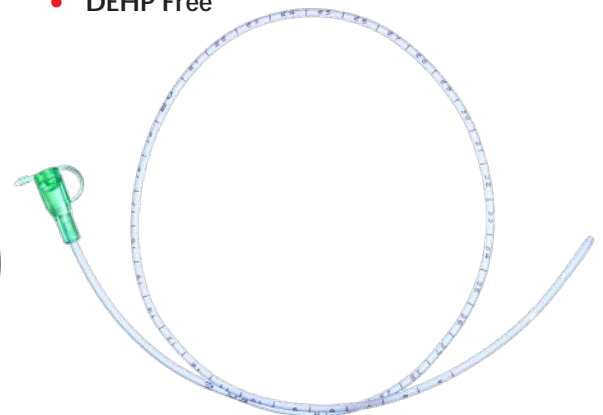


Female Mount

40180-40186

Novofeed

- Graduation marking after every cm
- Closed distal end with two lateral eyes
- Soft, frosted & kink resistant PVC tubing with radio-opaque line
- Length : 50 cm
- Sizes : 4 FG to 10 FG
- **DEHP Free**



40600

Feeding Bag

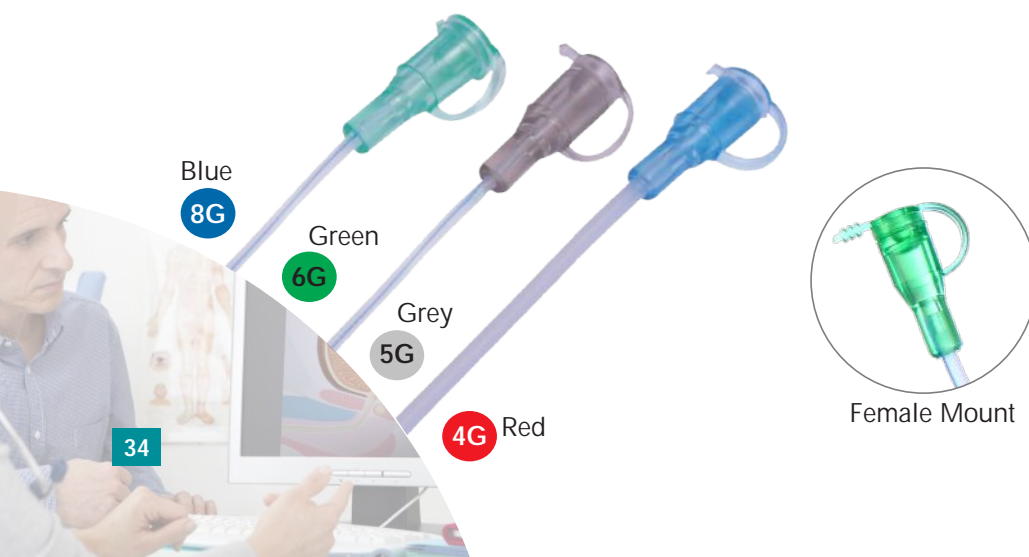
- For gastro-intestinal feeding in adult, paediatric and neonatal cases
- A transfer set is directly connected to bag for easy feeding
- On rear side of bag, an ice pouch is provided for preserving the food for longer intervals of time
- A hanger is provided with bag for easy handling
- Bag capacity : 1200 ml



40450-40464

Umbilical Catheter

- Atraumatic, soft rounded open distal tip to reduce vascular trauma
- Tube with radio-opaque line, marked at every cm from 5 to 25 cm from the open distal tip for accurate placement
- Can be used with venous or arterial routes for infusion, transfusion, administration of medication, blood sampling, pressure measurement etc.
- Available with female flexible mount and luer lock
- Color coded funnel end connector for easy identification of size
- Length : 40 cm
- Sizes : 4, 5, 6 & 8 FG
- DEHP Free



Surgery and Wound Drainage

90050-90135

Novovac Set

Closed Wound Suction Unit with Spring

- Closed wound drainage system with graduated **Transparent Spring Bellow**, suitable for drainage under negative pressure post operatively with the options to operate one or two catheters simultaneously
- Sizes of Bellow Chamber : 200 & 400ml



Common features

- **Unit consists of:**
 1. Bellow unit connector
 2. Connecting tube with clamp and "Y" connector
 3. Curved trocar with catheter
 4. Perforated DEHP Free Redon drain catheter
- Sizes : 10, 12, 14, 16 & 18FG

90070-90139

Polyvac Set

Closed Wound Suction Unit

- Suitable for close wound drainage under negative pressure post operatively with the option to operate one or two catheters simultaneously
- Graduated Bellow Chamber
- Sizes of Bellow Chamber : 600 & 800ml



90650-90651

Neovac Set

Closed Wound Suction Unit

- Suitable for minor surgery and plastic surgery
- Unit consists of:
 1. Bellow container capacity: 50ml
 2. Curved trocar with redon catheter
- Sizes : 6 FG & 8 FG



Surgery and Wound Drainage

Ultra Cath Novo

Thoracic Drainage Catheters

90080-90185

Ultra Cath Novo-Straight

Thoracic Drainage Catheters-Straight

- Suitable for effective drainage after cardio-thoracic & thoracic surgery
- Atraumatic & rounded open distal end with smooth eyes
- Proximal end is fitted with pull through tapered tongue
- With radio-opaque line and markings at every 2 cm from the last eye
- Cross side eyes to prevent tissue aspiration
- Matching size connector for easy connection to the drainage system
- Soft, frosted and kink resistant PVC tubing
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 36, 40FG
- Length: 45 cm
- DEHP Free

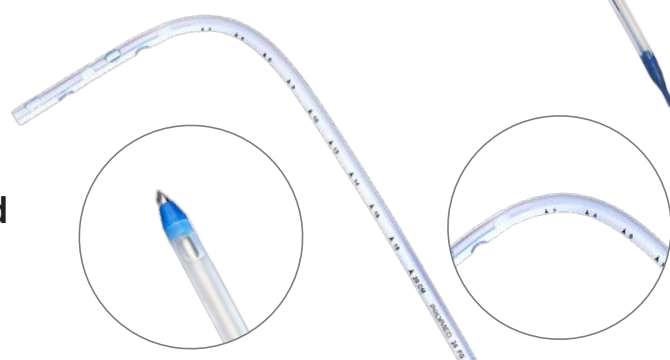


90173-90181

Ultra Cath Novo-Angled

Thoracic Drainage Catheters-Angled

- Catheter is provided with curved (90°) angle for easy aspiration of drainage
- DEHP Free

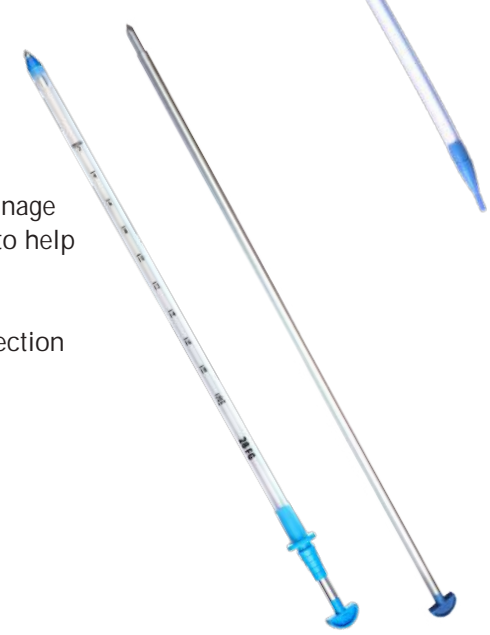


90090-90186

Ultra Cath Novo-Trocar

Thoracic Drainage Catheters-with Trocar

- Catheter is provided with trocar for easy aspiration of drainage
- Marking provided at 5, 10, 15 & 20 cm from the last eye to help ascertain depth of placement
- Two lateral eyes for efficient drainage
- Proximal end fitted with tapered connector for easy connection to the drainage bottle
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 32, 36, 40FG
- DEHP Free



Surgery and Wound Drainage

90320-90340

Polyseal

Under Water Seal Drainage System

- Suitable for pleural drainage in conjunction with chest drainage catheters in cardio-thoracic procedures
- Polyseal adult is a double chamber compact unit having capacity of 2000 ml
- Clearly marked initial water level to ensure under water seal
- Clear easy to read graduations marked on bottle to determine the amount of collection
- Writing facility on the side of scale helps in monitoring of drain volume
- Kink resistant large bore tubing facilitates unrestricted flow
- Metallic hangers for easy attachment with bed and floor stand for easy standalone working
- Separate suction port is provided to connect with suction unit

Polyseal - Adult
2000 ml

Polyseal - Midi
1200 ml

Polyseal - Kid
500 ml



90110-90118

Abdominal Drainage Set

- Soft abdominal drainage catheter with collection bag of 2000 ml. capacity
- Catheter with atraumatic & rounded open distal ends & smooth eyes with markings at 2 cm interval from the last eye
- Sizes: 20, 22, 24, 26, 28, 30, 32 & 36 FG



Surgery and Wound Drainage

90120

Polydrain

Under Water Seal Drainage Bag

- Under water seal drainage bag for collection of drainage fluid from thoracic cavity
- Specially designed moulded handle for easy carrying and hanging of the bag
- PVC drainage bag with 1000 ml. capacity
- Soft and kink resistant PVC tubing



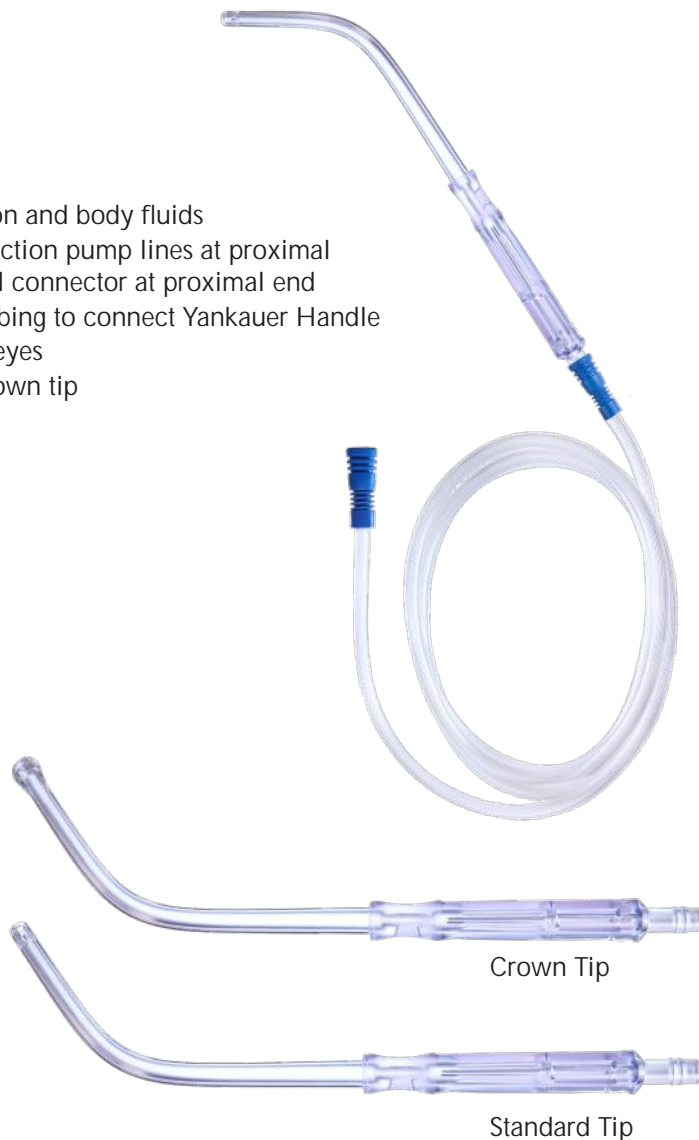
90140-90270

Polysuction Set

Yankauer Suction Set

- Suitable for pre-operative removal of secretion and body fluids
- Cut to fit funnel connector to suit different suction pump lines at proximal end. Also available with Kapkon and Conical connector at proximal end
- Standard funnel connector at distal end of tubing to connect Yankauer Handle
- Yankauer Handle is open end-with 4 lateral eyes
- Yankauer Handle available in standard or crown tip with or without vacuum thumb control
- Soft and kink resistant ribbed PVC tubing

Tube Dimensions		Tube Lengths
I ø	O ø	180 cm
6.0 mm	8.5 mm	210 cm
7.0 mm	10.0 mm	250 cm
8.0 mm	11.5 mm	270 cm
		300 cm
		320 cm



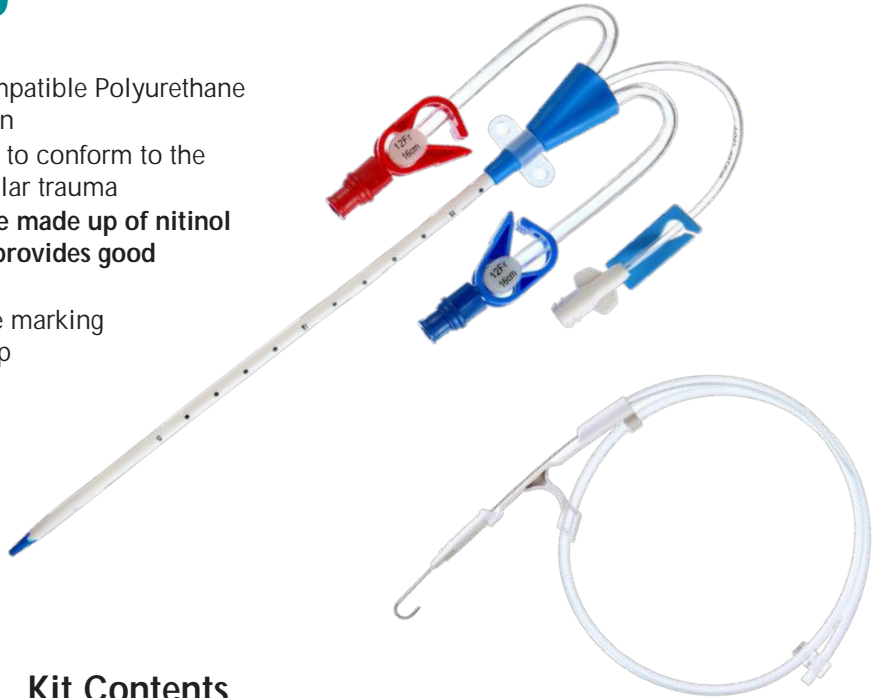
Dialysis

13472-13476

Haem-O-Cent Pro

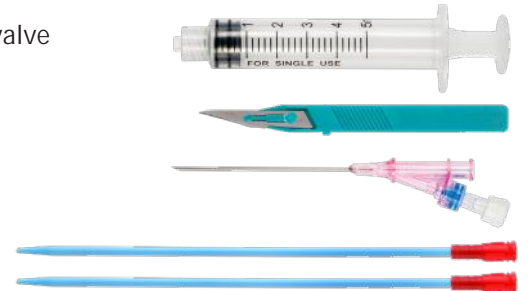
Haemodialysis Catheter Kit

- Made of specially formulated and bio-compatible Polyurethane material, provides strength during insertion
- PUR material softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- **Soft flexible kink resistant J-tip guide wire made up of nitinol prevents the vessel perforation and also provides good torque to ensure firm insertion**
- Radio-opaque catheter with clear, definite marking facilitates correct placement of catheter tip



Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- J-tip nitinol guide wire
- Dilators 2 no's
- Luer lock syringe
- Scalpel



Specification

Variants	Catheter		Dilator	Guidewire
	Size	Length (cm)	OD	Diameter (inch) x Length(cm)
	Straight & Curved Extension			
Double Lumen	11.5FR	13/15/20	12FR & 10FR	0.035x50/70
	12FR	13/15/20	12FR & 10FR	0.035x50/70
Triple Lumen	12FR	13/16	12FR & 10FR	0.035x50/70

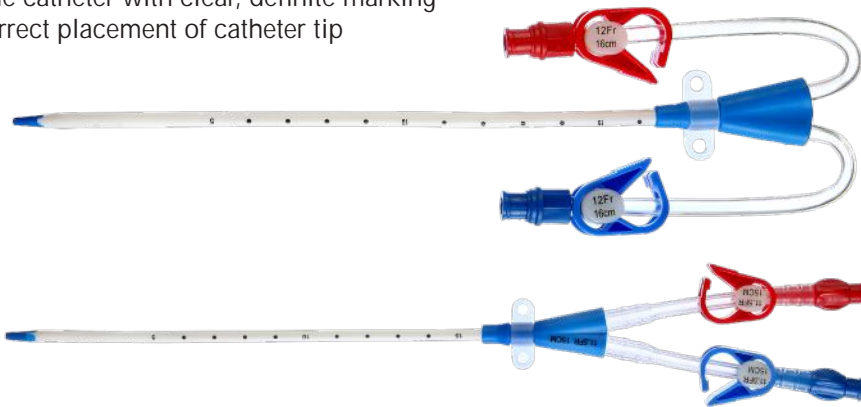
Dialysis

13450-13471

Haem-O-Cent

Haemodialysis Catheter Kit

- Made of specially formulated and bio-compatible Polyurethane material, provides strength during insertion
- PUR material softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- Soft flexible J-tip guide wire made up of stainless steel
- Radio-opaque catheter with clear, definite marking facilitates correct placement of catheter tip



User friendly guide wire dispenser



Y-Introducer needle



Graduation markings



Haemodialysis Catheter Kit

Specification

Variants	Catheter		Dilator OD	Guidewire Diameter (inch) x Length(cm)
	Size	Length (cm)		
	Straight & Curved Extension			
Double Lumen	11.5FR	13/15/20	12FR & 10FR	0.035x50/70
	12FR	13/15/20	12FR & 10FR	0.035x50/70
Triple Lumen	12FR	13/16	12FR & 10FR	0.035x50/70



Dialysis

90365-90371

Haem-O-Flux

Dialyzer

- Excellent blood compatibility
- High endotoxin reduction capacity
- Highest clearance with optimum pore size
- Membrane - Polysulfone
- Housing - Polycarbonate
- Potting compound - Polyurethane
- Max TMP - 600 mmHg
- Sterilization method - Gamma radiation
- Size : Low & High Flux in different variants

Technical Specifications-LFP 130

Surface Area (m ²)	1.3
KUF* (mL/h*mmHg)	12
Form of treatment	HD
Wall thickness/ Lumen	40/200µm
Membrane	Polysulfone
Housing	Polycarbonate
Potting compound	Polyurethane
Priming volume (mL)	79
Sterilization	Gamma
TMP Max. mmHg	600
Product code	90365
Units per box	28

Clearance QB 200 mL/min

Urea	185
Creatinine	171
Phosphate	128
Vitamin B12	78

Clearance QB 300 mL/min

Urea	241
Creatinine	214
Phosphate	169
Vitamin B12	98

In vitro performance : Qd=500 ml/min, Qf= 10 ml/min, T= 37°C. Bovine blood Hct 32%, Protein 60g/L



Brand	Size	Product Code	Category
Haem-O-Flux	1.1	90366	Low Flux
	1.3	90365	
	1.6	90367	
	1.8	90368	
	1.3	90369	High Flux
1.8	90370		

(Above mentioned variants come with openable caps)

Brand	Size	Product Code	Category
Haem-O-Flux (S)	1.4	90371	Low Flux

(Above mentioned variant comes with non-openable caps)

Dialysis

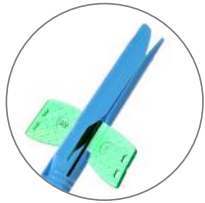
A.V. Fistula Needles

91030-91038

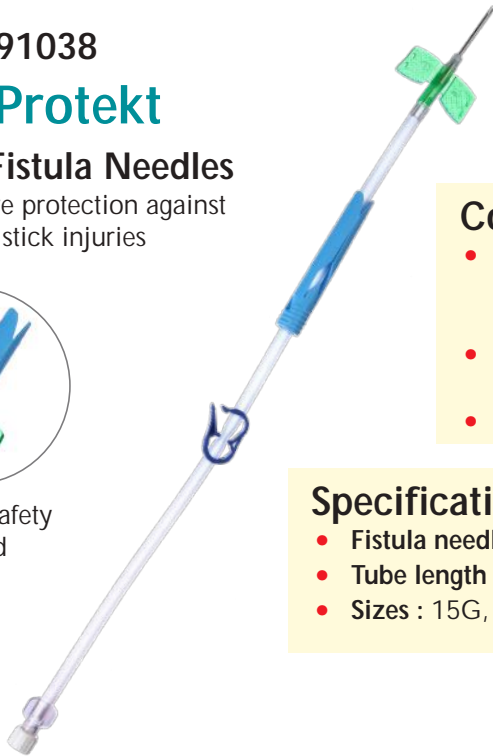
Poly Protekt

Safety Fistula Needles

- Effective protection against needle stick injuries



Needle safety guard



90030-90235

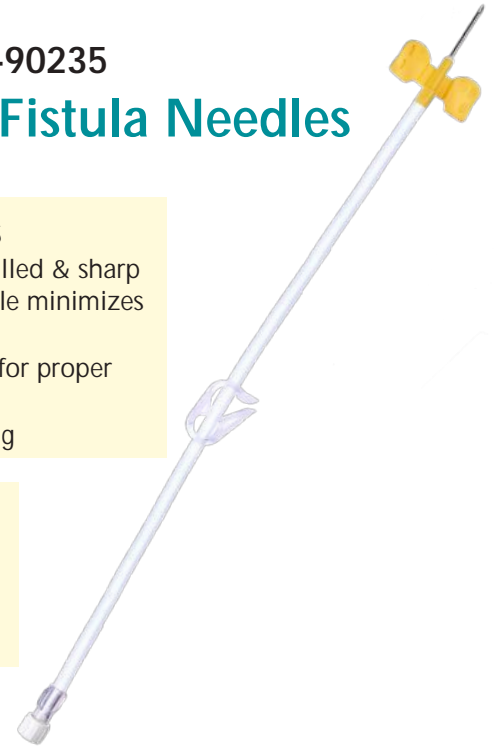
A.V. Fistula Needles

Common Features

- Siliconised ultra thin walled & sharp beveled back eyed needle minimizes trauma
- Flexible butterfly wings for proper fixation
- With Fixed/Rotating wing

Specifications

- **Fistula needle length** : 20, 25 mm
- **Tube length** : 15, 20, 30 cm
- **Sizes** : 15G, 16G, & 17G



70155-70156

Haem-O-Line

Blood Lines

- Extra corporeal blood circuit tubing set, used during dialysis
- Soft and non kinking tubing
- For single use only
- Medical grade PVC tube
- Latex free
- Available in Pre Pump & Post Pump configuration



NEW

Haem-O-Line with Transducer Protector

Dialysis

90350-90351

Peritoneal Dialysis Set

- Suitable for performing peritoneal dialysis in patients of all age groups
- Perforated open-end catheter manufactured from polypropylene
- Stainless steel trocar to facilitate smooth penetration
- Scalpel blade for the incision
- The trocar and the tip of the catheter are perfectly matched to facilitate atraumatic insertion
- Latex flash bulb on the junction unit for additional medication
- Sizes: Adult and Pediatric



90360

Peritoneal Dialysis Transfusion Set

- Y-shaped set for administration of dialysis fluid
- Provides continuous fluid movement with quick change over of fluid bottles



HAEMOCHEK

Blood Collection Tubes



Serum Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
80030	3.0 ml	Red	13 x 75	Clot Activator	100 pcs.
80040	4.0 ml	Red	13 x 75	Clot Activator	100 pcs.
80050	5.0 ml	Red	13 x 100	Clot Activator	100 pcs.
80060	6.0 ml	Red	13 x 100	Clot Activator	100 pcs.
80070	7.0 ml	Red	13 x 100	Clot Activator	100 pcs.
80100	10.0 ml	Red	16 x 100	Clot Activator	100 pcs.

Description:

Coated with micronised silica which acts as clot activator. Suitable for clinical serum and blood donor screening chemistry tests.



Serum Separating Tubes with Gel Separator

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
84030	3.0 ml	Gold	13 x 75	Gel + Clot Activator	100 pcs.
84040	4.0 ml	Gold	13 x 75	Gel + Clot Activator	100 pcs.
84050	5.0 ml	Gold	13 x 100	Gel + Clot Activator	100 pcs.
84060	6.0 ml	Gold	13 x 100	Gel + Clot Activator	100 pcs.
84070	7.0 ml	Gold	16 x 100	Gel + Clot Activator	100 pcs.
84100	10.0 ml	Gold	16 x 100	Gel + Clot Activator	100 pcs.

Description:

Coated with micronised silica which acts as clot activator and a gel is added that separates blood cells from serum. Suitable for clinical serum and blood donor screening chemistry tests.



Coagulation (Citrate) Tubes (Double wall)

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
81020	1.8 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.
81030	2.7 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.
81040	4.5 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.

Description:

Coagulation tubes contain 3.2% buffered sodium citrate solution. Suitable for examination of coagulation parameters.



HAEMOCHEK

Blood Collection Tubes



Hematology (EDTA K2) Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
82020	2.0 ml	Lavender	13 x 75	K2EDTA	100 pcs.
82030	3.0 ml	Lavender	13 x 75	K2EDTA	100 pcs.
82040	4.0 ml	Lavender	13 x 75	K2EDTA	100 pcs.
82050	5.0 ml	Lavender	13 x 100	K2EDTA	100 pcs.
82060	6.0 ml	Lavender	13 x 100	K2EDTA	100 pcs.
82100	10.0 ml	Lavender	16 x 100	K2EDTA	100 pcs.

Description:

K2 EDTA tubes give Homogeneous mixing. Used for whole blood Hematology testings, Immunohematology testing & Blood donor screening.



Hematology (EDTA K3) Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
86020	2.0 ml	Lavender	13 x 75	K3EDTA	100 pcs.
86030	3.0 ml	Lavender	13 x 75	K3EDTA	100 pcs.
86040	4.0 ml	Lavender	13 x 75	K3EDTA	100 pcs.
86050	5.0 ml	Lavender	13 x 100	K3EDTA	100 pcs.
86060	6.0 ml	Lavender	13 x 100	K3EDTA	100 pcs.
86100	10.0 ml	Lavender	16 x 100	K3EDTA	100 pcs.

Description:

K3 EDTA tubes give Homogeneous mixing. Used for whole blood Hematology testings, Immunohematology testing & Blood donor screening.



Glucose Estimation Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
83020	2.0 ml	Grey	13 x 75	Sodium Fluoride + Na3 EDTA	100 pcs.
83030	3.0ml	Grey	13 x 75	Sodium Fluoride + Na3 EDTA	100 pcs.
83040	4.0 ml	Grey	13 x 75	Sodium Fluoride + Na3 EDTA	100 pcs.
83050	5.0 ml	Grey	13 x 100	Sodium Fluoride + Na3 EDTA	100 pcs.

Description:

The Glucose tubes contains an anticoagulant and a glycolytic inhibitor. Suitable for blood sugar and lactate determinations.

HAEMOCHEK

Blood Collection Tubes



Sodium Heparin Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
85030	3.0 ml	Green	13 x 75	Sodium Heparin	100 pcs.
85040	4.0 ml	Green	13 x 75	Sodium Heparin	100 pcs.
85050	5.0 ml	Green	13 x 100	Sodium Heparin	100 pcs.
85060	6.0 ml	Green	13 x 100	Sodium Heparin	100 pcs.
85070	7.0 ml	Green	13 x 100	Sodium Heparin	100 pcs.
85100	10.0 ml	Green	16 x 100	Sodium Heparin	100 pcs.

Description:

The Interior of tube wall is coated with Sodium Heparin. The anticoagulant heparin activates antithrombins, thus blocking the coagulation cascade and producing whole blood. Suitable for plasma determinations in chemistry.



Lithium Heparin Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
88030	3.0 ml	Green	13 x 75	Lithium Heparin	100 pcs.
88040	4.0 ml	Green	13 x 75	Lithium Heparin	100 pcs.
88050	5.0 ml	Green	13 x 100	Lithium Heparin	100 pcs.
88060	6.0 ml	Green	13 x 100	Lithium Heparin	100 pcs.
88070	7.0 ml	Green	16 x 100	Lithium Heparin	100 pcs.
88100	10.0 ml	Green	16 x 100	Lithium Heparin	100 pcs.

Description:

The Interior of tube wall is coated with Lithium Heparin. The anticoagulant heparin activates antithrombins, thus blocking the coagulation cascade and producing whole blood. Suitable for plasma determinations in chemistry.



CPDA Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
89040	4.0 ml	Yellow	13 x 75	CPDA	100 pcs.
89050	5.0 ml	Yellow	13 x 100	CPDA	100 pcs.
89060	6.0 ml	Yellow	16 x 100	CPDA	100 pcs.

Description:

During blood collection into CPDA tubes 6 volumes of blood are added to 1 volume of CPDA solution (Mixing Ratio:6:1). CPDA Tube is used for blood grouping determinations and cell preservation.



HAEMOCHEK

Blood Collection Tubes



ESR (Erythrocyte Sedimentation Rate) Tubes

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
87020	1.6 ml	Black	13 x 75	3.8% Buffered sodium citrate (4NC)	100 pcs.

Description:

Contains 3.8% buffered sodium citrate for westergren sedimentation rate determination.

88220

Standard Needle Holder

- Needle Holder for use with Multi-sample blood collection needles



Blood Collection Needles

88260-88265

Haemoflash

Flashback Needle

- Instant flashback to ensure successful needle placement



Flashback



Ref. Code	88263	88260	88264	88261	88262
Sizes	21G x 1"	21G x 1.5"	22G x 1"	22G x 1.5"	21G x 1.5"

88110-88150

Multi Sample Needle

- **Safe and user friendly:** Multi-sample drawing needles reduce risk of contamination and eliminate direct user-contact with blood sample
- **Leak proof needle:** On removing blood collection tube from needle, the needle is covered and closed with rubber shield
- Suitable for multiple blood collection



Ref. Code	88110	88120	88130	88140	88150
Sizes	20G x 1.5"	21G x 1"	21G x 1.5"	22G x 1"	22G x 1.5"

Blood Management

70090-70147

Haemofusor Set

Blood Administration Set with Airvent

- The special priming filter ensures that the line fills automatically (auto prime) thus maintains a close system
- "Y" injection port designed for intermittent medication
- DEHP Free
- Latex Free



70130-70144

Transvol Set

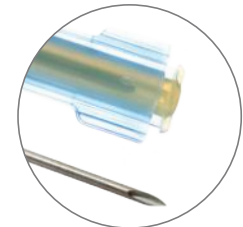
Blood Administration Set without Airvent



Common Features

- For transfusion of blood or blood components
- Transparent & flexible drip chamber
- Approximately 20 drops/ml
- Soft and kink resistant PVC tubing
- With 200 micron blood filter
- Also available in Double drip chamber
- With or without needle

Blood Bag Systems



Tamper Evident Needle Protective cover



Siliconised ultra thin walled needle

Single Blood Bag System

Sizes : 100 ml, 250 ml
300 ml, 350 ml
450 ml, 500 ml

Double Blood Bag System

Sizes : 250 + 300 ml
350 + 300 ml
450 + 300 ml
500 + 300 ml

Triple Blood Bag System

Sizes : 250 + 300 ml x 2
350 + 300 ml x 2
450 + 300 ml x 2
500 + 300 ml x 2

Quadruple Blood Bag System

Sizes : 250 + 300 ml x 3
350 + 300 ml x 3
450 + 300 ml x 3
500 + 300 ml x 3

Transfer Bag System

Sizes : 150 ml, 300 ml
400 ml, 500 ml

Common Features

- **Siliconised ultra thin walled**, 16G, sharp Japanese needle assures smooth and atraumatic venepuncture
- Soft, frosted and flexible **kink resistant tubing** with unique identification number at intervals of 10 cm
- **Tamper proof**, safe and easy to open port covers to prevent contamination
- Manufactured from high quality **medical grade PVC sheet**
- **Rounded shape** of bag minimizes loss of blood components during transfer & transfusion
- Double, Triple and Quadruple blood bag systems are provided with **snap tip and connector tube** to allow smooth transfer of blood components and additive solution
- **Tamper evident label**
- Individually **packed in special multi layer pouch** and multiples packed in moisture barrier aluminum pouch
- **Convenient hanger slits** and holes allow easy suspension of the bags during collection & storage
- **Anticoagulant CPDA** solution preserves whole blood up to 35 days
- **CPD SAGM** solution preserves RBC upto **42 days**.

71000-71038

Blood Bag with Safety Device & Sampling Bag

- Blood bag with safety needle shield enhances safety against the accidental needle stick injuries that can transmit HIV, Hepatitis B & C and other dangerous blood borne diseases.
- Initial blood collected from the donor tends to contain skin particles, bacteria present at the site of venipuncture & dust particles. The pre-attached sampling bag enables to divert & collect this initial amount of blood from donor. The rest of the blood, free from the impurities is collected in the main bag.
- Pre-attached luer adapter is provided with sampling bag to have safe in-line multiple sampling from donor. It is compatible with all sorts of vacuum blood collection tubes & prevents the risk of needle stick injuries.
- Available in single, double, triple & quadruple blood bag systems.



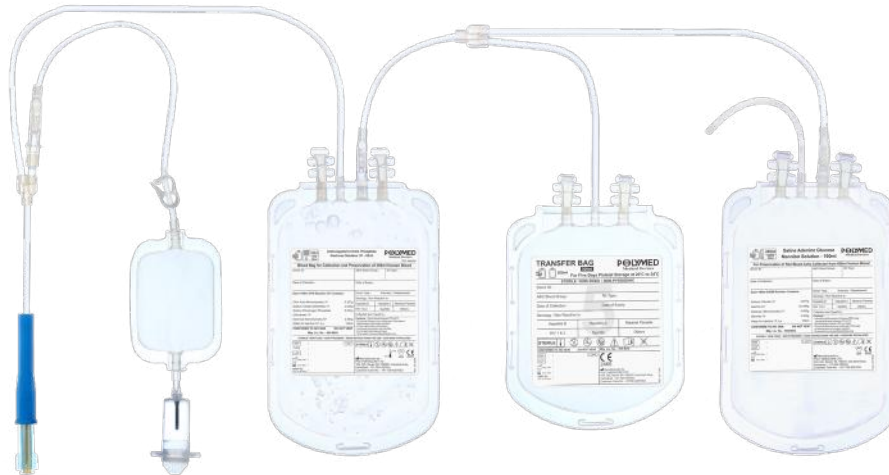
Safety
Needle Shield



Sampling Bag



Pre-attached
Luer Adapter

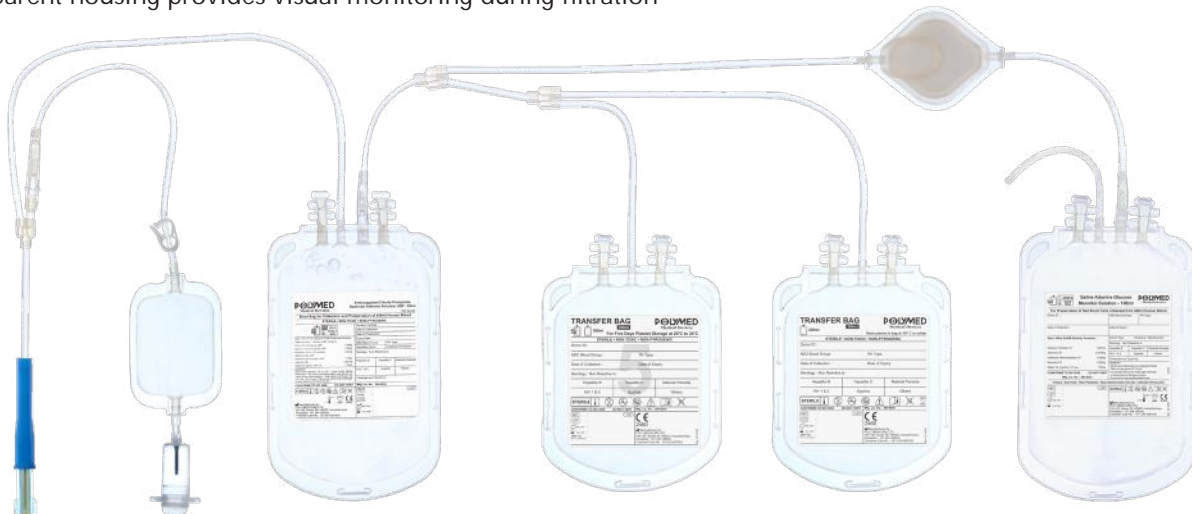


76000-76100

Blood Bag with In-Line Leuko-Depletion Filter

- For separation of Leukocytes depleted RBC, Plasma & Platelet
- Minimal volume loss & therefore better red blood cell recovery
- Soft housing of filter ensures safety of blood bag during centrifugation
- No sterile connections required during process control
- Transparent housing provides visual monitoring during filtration

Leuko-Depletion
Filter



73000-73024

Top & Bottom Extraction Bag System

- Quality blood components in the form of Red Blood Cells, Plasma and Platelets from collected Whole Blood
- Reduced cost of production of quality blood components
- Available in triple & quadruple blood bag systems



72000-72017

CPD-SAGM-TOTM Bag System

- Additive solution containing combinations of Saline, Adenine, Glucose and Manitol (SAGM) provides extended shelf life of RBC up to 42 days with increased functional viability
- TOTM (Tri-Octyl-Tri-Mellitate) Plasticised Platelet transfer bag with sufficient gas permeability is suitable for extended storage of viable platelets for approximately 5 days at 25 degree Celsius
- Reduced density of red blood cell concentrate on addition of SAGM solution allows better flow property of Red blood cell and better transfusion
- Allows larger volume of plasma to be collected and hence better yield of components like platelets, fresh frozen plasma, and cryoprecipitate
- High level of ATP in red blood cells as red cell viability is increased because of SAGM solution
- Available in double, triple & quadruple blood bag systems



Others

51110-51160

Insulin Syringes

- Ideal sharpness for less pain and more comfort
- Advanced Uni-Body design
- Low dead space design ensures dosage accuracy and minimum wastage of drugs
- Clear transparent barrel and bold marking facilitates proper drug delivery
- Single use syringes with integrated Nuovo-Fine needle
- Non allergic, Latex free
- Available in unit pack or multi pack of 10 units

Insulin Syringes Sizes :

Unit Pack Code	Multi Pack Code	Nominal Capacity	Strength of Insulin	Needle Gauge	Needle Length	Colour Code of Top & Bottom Cap
51114	51111	1 ml	U-40	29G	13 mm	Red
51115	51112	1 ml	U-40	30G	8 mm	Red
51116	51113	1 ml	U-40	31G	8 mm	Red
51004	51010	1 ml	U-100	29G	13 mm	Orange
51005	51020	1 ml	U-100	30G	8 mm	Orange
51006	51030	1 ml	U-100	31G	8 mm	Orange



90220

Vaso Clamp

Umbilical Cord Clamp

- Specially designed clamp prevent slippage of umbilical cord after clamping
- Suitable for clamping the umbilical cord after birth
- Security lock to prevent accidental opening after clamping
- Grooved clamping area to prevent slipping of the umbilical cord



90655

Novoguard

Cannula Fixator

- Transparent and water resistant film to cover and protect I.V. infusion sites providing visibility
- Recording label provided to record the date of application
- Provides secure adhesion, gentle to the patient's skin
- Helps in preventing infection, as provides a barrier to external contaminants
- Sizes: 6x7cm and 10x12cm

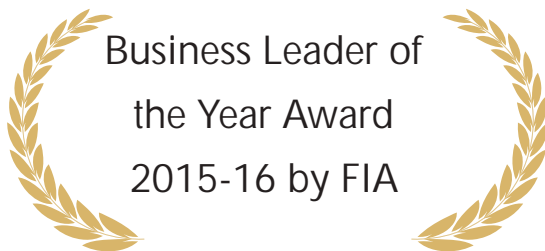
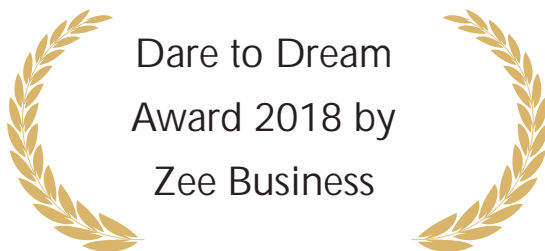
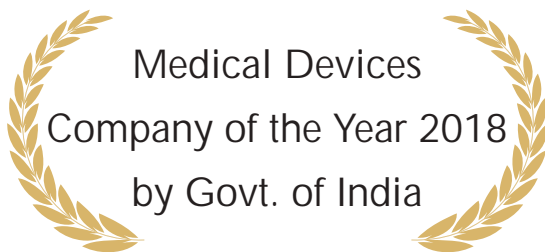


Recording Label

Lined writing area consisting of multiple horizontal dotted lines for text entry.



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