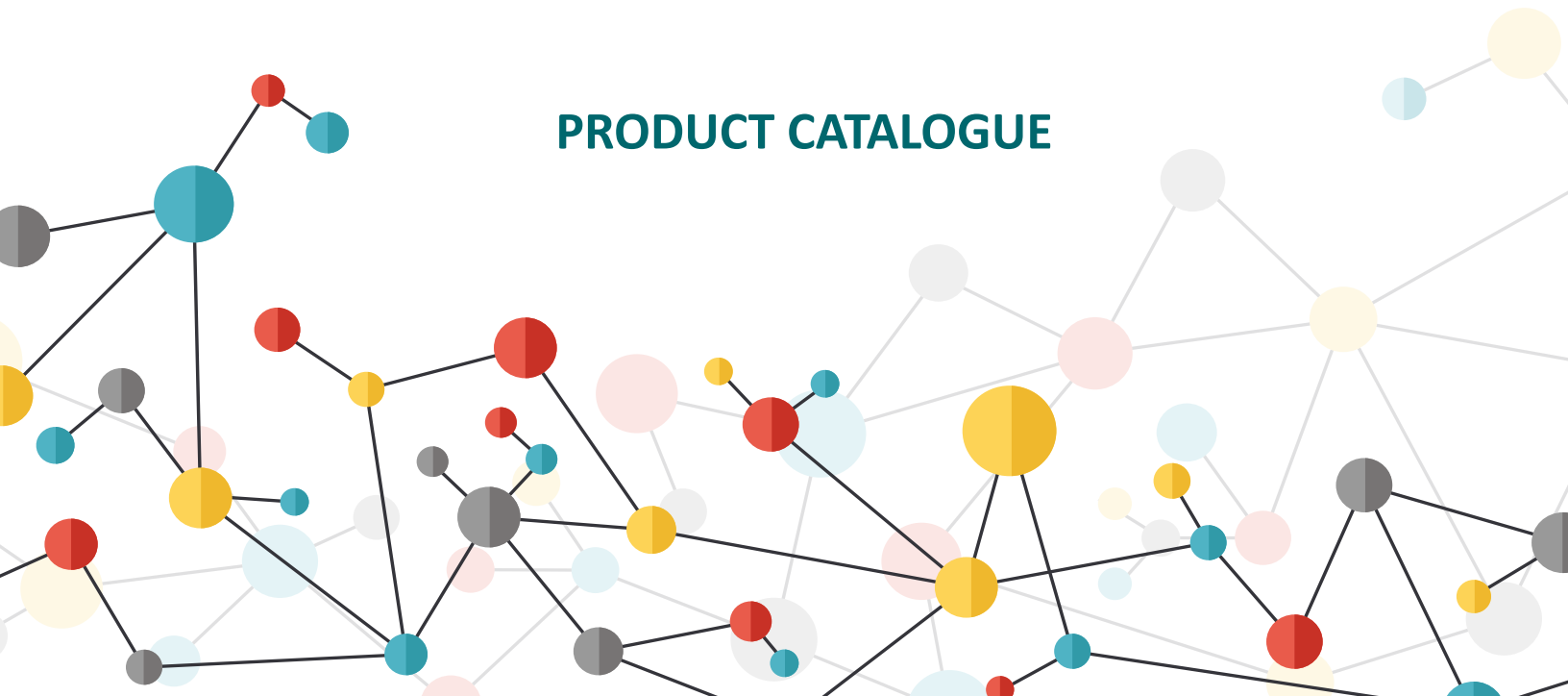




We Care As We Cure



PRODUCT CATALOGUE





POLYMED
MEDICAL DEVICES
We Care As We Cure



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.



Contents

Product Description **Page No.**

Infusion Therapy

| | |
|---|-------|
| Safety Closed I.V. Catheter System | 6 |
| Blood Control I.V. Cannula | 7 |
| I.V. Cannula for Quick Flashback | 8 |
| Safety I.V. Cannula with Adva Needle Technology | 9 |
| Safety I.V. Cannula | 10-11 |
| I.V. Cannula | 12-13 |
| Safety I.V. Cannula (4 way) | 14 |
| Safety Arterial Cannula | 14 |
| Mini Mid Lines-OTN | 15 |
| Mini Mid lines-OTW | 15 |
| Needle Free Connectors | 16 |
| Three Way Stop Cocks | 17 |
| Three Way Stop Cock with Extension Tube | 17 |
| Manifolds | 18 |
| Safety Winged Infusion Set | 19 |
| T-type Extension Set | 19 |
| Stylet/Mandrin with luer lock | 19 |
| I.V. Infusion Sets | 20-25 |
| Vial Access Spike | 24 |
| Measured Volume Fluid Administration Set | 26 |
| Extension Lines | 27-28 |
| CVP Manometer | 28 |

Central Venous Access Catheters

| | |
|-----------------|-------|
| Single Lumen | 29-30 |
| Double Lumen | 29-30 |
| Triple Lumen | 29-30 |
| Quadruple Lumen | 29-30 |

Anaesthesia & Respiratory Care

| | |
|----------------------------|-------|
| Suction Catheters | 31 |
| Oxygen Catheter | 31 |
| Respiratory Exerciser | 32 |
| Nasal Oxygen Cannula | 32 |
| Guedel Airway | 32 |
| Oxygen Mask | 33 |
| Oxygen Mask with Reservoir | 33 |
| Fixed Concentration Mask | 34 |
| Aerosol Therapy Mask | 34 |
| Endotracheal Tubes | 35 |
| Tracheostomy Tubes | 35 |
| Mucus Extractor | 36 |
| Spinal Needle | 36 |
| Ventilator Circuits | 37-38 |
| Bain Circuits | 38 |
| Catheter Mount | 38 |
| Laryngeal Mask Airway | 39 |
| HME Filter | 39 |

Urology

| | |
|--|-------|
| Urine Collection Bags | 40-41 |
| Urine Collection Bags with Measured Volume Meter | 41 |
| Urine Drainage Catheters | 42 |
| Foley Balloon Catheters | 42 |
| Irrigation Sets | 43 |

Product Description **Page No.**

Gastroenterology

| | |
|---------------------|----|
| Ryle's Tube | 44 |
| Levin's Tube | 44 |
| Umbilical Catheter | 45 |
| Infant Feeding Tube | 45 |

Blood Management & Blood Collection Systems

| | |
|---|-------|
| Blood Administration Sets | 46 |
| Transfusion Pump Set | 47 |
| Blood Bag Systems | 48 |
| Blood Bag with Safety Device & Sampling Bag | 49 |
| ACD Bag | 49 |
| CPD-SAGM-TOTM Bag System | 50 |
| Top & Bottom Extraction Bag System | 50 |
| Quadruple Blood Bag with In-Line RBC Filter | 51 |
| Blood Collection Needle | 51 |
| Blood Collection Tubes | 52-55 |
| Safety Blood Collection Set | 55 |
| Standard Needle Holder | 55 |

Surgery and Wound Drainage

| | |
|--|----|
| Closed Wound Suction Units | 56 |
| High Pressure Vaccum Bottles with Extension Tube | 57 |
| Thoracic Drainage Catheter - Straight | 58 |
| Thoracic Drainage Catheter Angled | 58 |
| Thoracic Drainage Catheter with Trocar | 58 |
| Redon Drain | 59 |
| Under Water Seal Drainage System | 59 |
| Yankauer Suction Set | 60 |
| Yankauer Suction Handle | 60 |

Dialysis

| | |
|------------------------|----|
| Haemodialysis Catheter | 61 |
| Dialyzer | 62 |
| Fistula Needles | 63 |
| Blood Lines | 63 |

Others

| | |
|--------------------------|----|
| Insulin Syringes | 64 |
| Sputum Collector | 65 |
| Dry Brush | 65 |
| Umbilical Cord Clamps | 65 |
| Cannula Fixator | 66 |
| Luer Lock | 66 |
| Injection Stopper | 66 |
| Luer Lock Injection Site | 66 |
| Universal Cap | 66 |

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

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.

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 13485:2016. 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 Safety Set

Safety Closed I.V. Catheter System

Advantages: Safety and Comfort

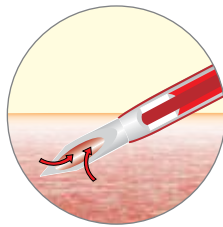
- Integrated system minimizes the number of manipulations reducing the risk of contamination & accidental disconnection
- Provides access into the peripheral vascular system for administration of fluids and drugs
- Closed IV Catheter system supports two infusions at same time
- Provides safety to the patients from Hospital Acquired Infections and healthcare professionals from Needle Stick Injuries
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Also available with two Needle Free Connectors & Straight Port



Compatible with Power injectors upto 300 PSI
Also suitable for sub-cutaneous infusion



Micro Clave** Clear connector reduces the risk of catheter related bloodstream infections (CRBSI)



Quick Flashback Needle Technology ensures successful venepuncture



User friendly, Self Activating Safety Mechanism prevents needle stick injuries



Flexible perforated Soft wings

| Size | Catheter I.D. mm/O.D.mm | Catheter Length mm | Flow Rate (ml/min) | Product Code (Y-site) | | Double Luer Lock | Straight Luer Lock |
|------|-------------------------|--------------------|--------------------|-----------------------|-------------|------------------|--------------------|
| | | | | Single NFC** | Double NFC* | | |
| 16G | Grey 1.37 1.70 | 32 | 125 | 11988 | 11980 | 11922 | 11930 |
| 18G | Green 1.0 1.3 | 32 | 84 | 11989 | 11981 | 11923 | 11931 |
| 18G | Green 1.0 1.3 | 45 | 79 | 11990 | 11982 | - | - |
| 20G | Pink 0.8 1.1 | 32 | 58 | 11991 | 11983 | 11924 | 11932 |
| 22G | Blue 0.6 0.9 | 25 | 33 | 11992 | 11984 | 11925 | 11933 |
| 24G | Yellow 0.5 0.7 | 19 | 18 | 11993 | 11985 | 11926 | 11934 |
| 26G | Violet 0.45 0.6 | 19 | 15 | 11994 | 11986 | 11927 | 11935 |

Advantages of Micro Clave Clear in Nouvo Safety Set

- Clear housing allows for visualization of the internal fluid path
- Effectively clears blood and blood residual with low flush volumes
- Minimal blood reflux in the catheter tip upon connection or disconnection with luer

** Micro Clave Clear is the registered trade mark of ICU Medical, USA.

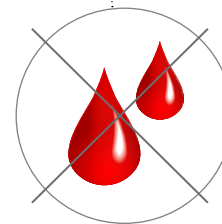


11800-11853

Polysafety-BC

Blood Control I.V. Cannula

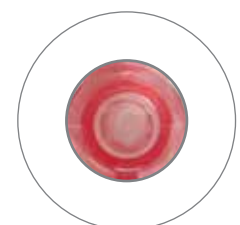
- Blood control IV catheter reduces the risk of blood exposure and contamination
- Helping to maintain a clean access site
- Passive safety mechanism automatically encapsulates sharp needle bevel, preventing accidental needle stick injuries
- Needle Safety Guard significantly reduces the risk of transmission of blood borne pathogens like HBV, HCV & HIV
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Perforated wings provide ventilation & prevent skin maceration
- Reduces the risk of air bubbles when I.V. bottle runs dry
- Compatible with Power injectors upto 300 PSI
- Latex free, PVC free, DEHP free



User friendly, Self Activating Safety Mechanism prevents needle stick injuries



Flexible perforated soft wings



Silicon Septum prevents Blood spillage

| Size | Catheter O.D.mm | Catheter Length mm | Flow Rate (ml/min) | Max. Power Inj. Flow Rate (ml/sec) |
|------------|-----------------|--------------------|--------------------|------------------------------------|
| 18G Green | 1.3 | 45 | 70 | 9.0 |
| 18G Green | 1.3 | 32 | 75 | 9.5 |
| 20G Pink | 1.1 | 32 | 52 | 7.5 |
| 22G Blue | 0.9 | 25 | 30 | 4.5 |
| 24G Yellow | 0.7 | 19 | 20 | N/A |

Infusion Therapy

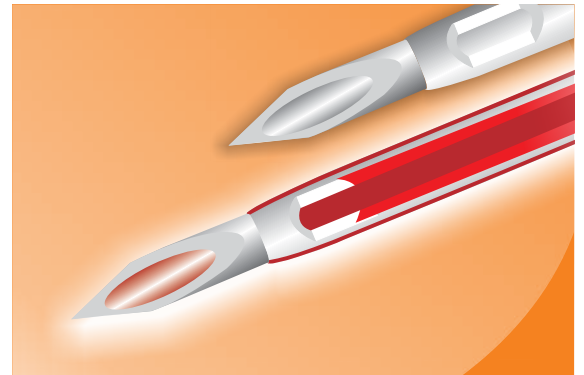
12001-12428

Quick Flashback I.V. Cannula

I.V. Cannula for Quick Flashback

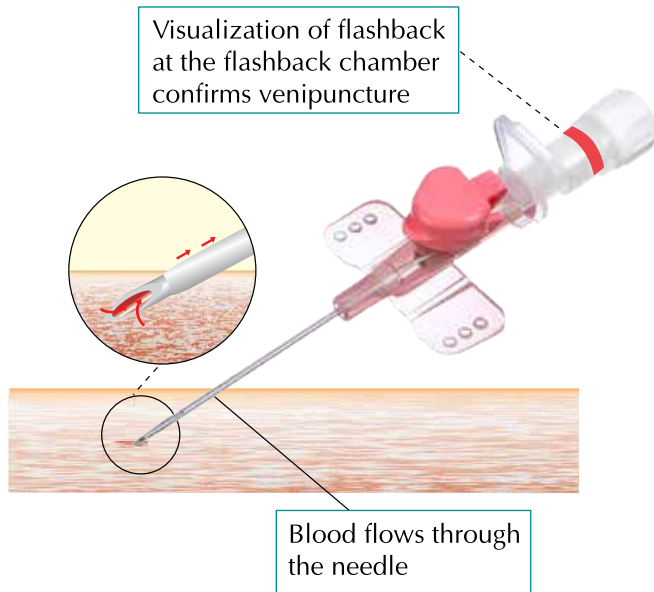
“AdVa Needle Technology”

- 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

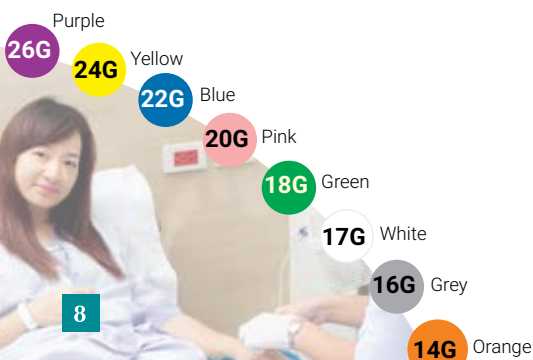
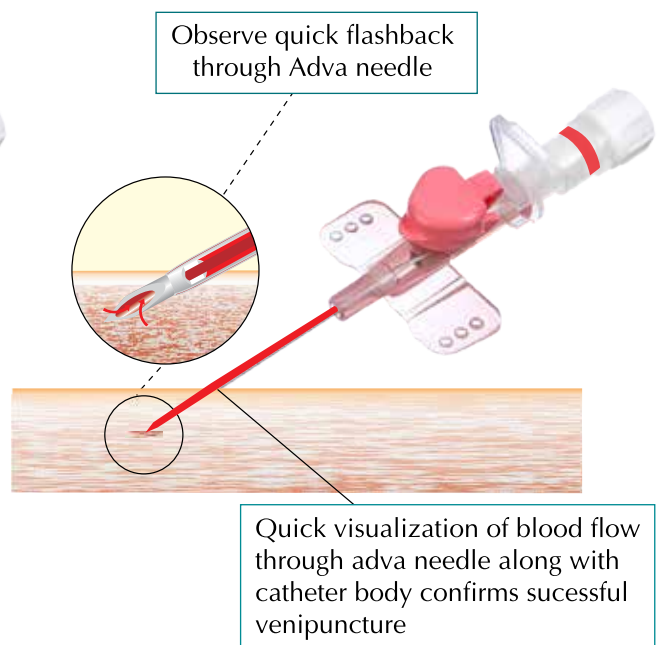


AdVa Needle Technology

Standard I.V. Cannula



Quick Flashback I.V. Cannula



| Code | Description |
|-------------|-----------------------------|
| 12001-12036 | Polyflon AdVa I. V. Cannula |
| 12040-12068 | Polycan AdVa I. V. Cannula |
| 12180-12194 | Polycath AdVa I. V. Cannula |
| 12200-12228 | Polypen AdVa I. V. Cannula |
| 12240-12242 | Polyneo AdVa I. V. Cannula |
| 12243-12244 | Neonovo AdVa I. V. Cannula |
| 12080-12108 | Polywin AdVa I. V. Cannula |
| 12140-12173 | Polyflex AdVa I. V. Cannula |

Infusion Therapy

11440-11467

Polysafety Adva

Safety I.V. Cannula with Quick Flashback

- Needle Safety Guard contains plastic material offers less friction during withdrawal of needle
- Fully encapsulation of the needle bevel minimizes the blood exposure
- Needle Safety Guard with round & smooth surface
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time

User friendly, self activating safety mechanism prevents needle stick injuries



Safety Needle Guard



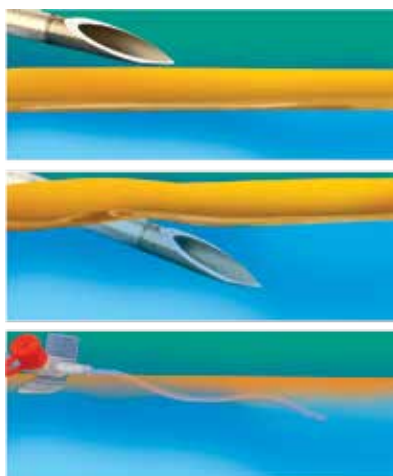
Snap Fit cap for easy access of the port



Hydrophobic filter to prevent blood leakage during Cannulation

Special tapered bio-compatible polyurethane catheter reduces the chances of phlebitis & thrombo-phlebitis

Flexible perforated wings for ventilation



| 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 | 100 |
| 18G | Green | 1.3 | 32 | 105 |
| 20G | Pink | 1.1 | 32 | 65 |
| 22G | Blue | 0.9 | 25 | 36 |
| 24G | Yellow | 0.7 | 19 | 23 |
| 26G | Violet | 0.6 | 19 | 17 |

Infusion Therapy

11001-11999

Safety I.V. Cannula

11001-11059

Polysafety

Safety I.V. Cannula with snap fit cap and perforated wings
 Sizes : 14G to 26G



Safety Needle Guard



Snap Fit Cap

11150-11168

Polypen Safety

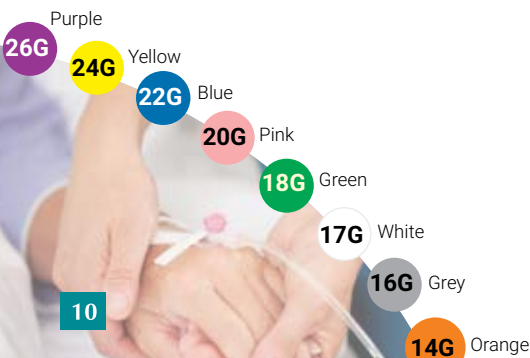
Safety I.V. Cannula without port & wings (Pen Type)
 Sizes : 14G to 26G



Safety Needle Guard

Common features

- **User friendly, self-activating Safety mechanism**
- **Safety needle guard** automatically covers the needle's sharp bevel after withdrawal of needle from the hub, minimizing the risk of needle stick injuries
- **Easy identification** of needle guard after covering needle tip due to color coding
- **Smooth edged** safety needle guard
- **Rounded Grip** on needle hub for better support



Infusion Therapy

11001-11999

Safety I.V. Cannula



11090-11128

Polywin Safety

Safety I.V. Cannula without port, without wings
Sizes : 14G to 26G



Safety Needle Guard

11050-11070, 11960-11966

Polycan Safety

Safety I.V. Cannula with wings, without port
Sizes : 14G to 26G



Safety Needle Guard

Common features

- **Cannulation technique** similar to conventional I.V. Cannulation
- Special **tapered & kink resistant FEP/PUR radiopaque** catheter for easy insertion with optimal flow rates
- Manufactured from tested **bio-compatible materials offering longer indwelling time**
- Injection port with **snap fit cap** for easy opening and closing (For code: 11006)
- Also available in **PUR** catheter material

Infusion Therapy

10001-10897

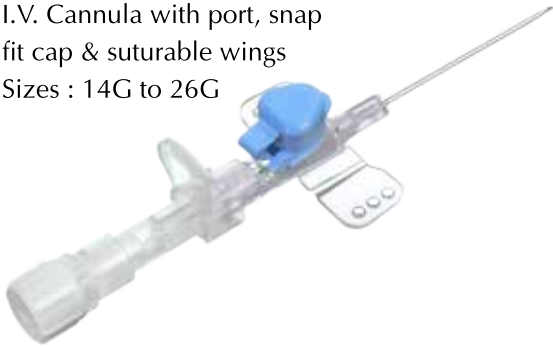
I.V. Cannula

I.V. Cannula for continuous peripheral intravenous infusion

10310-10409

Polyflex

I.V. Cannula with port, snap fit cap & suturable wings
 Sizes : 14G to 26G



10001-10081

Polyflon

I.V. Cannula with port & wings
 Sizes : 14G to 26G



10410-10425

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
 Sizes : 24G



10615-10617

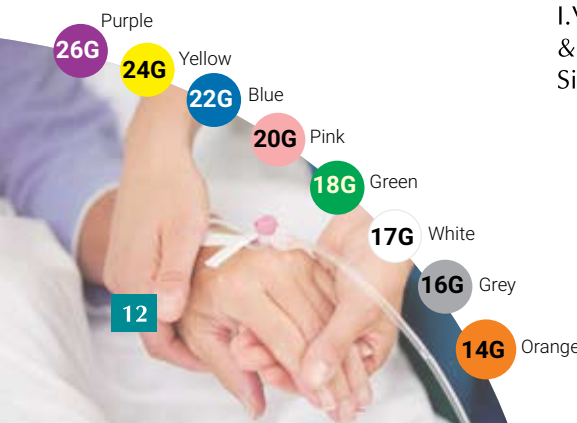
Neonovo

I.V. Cannula without port & with small wings
 Sizes : 26G



Common features

- Special tapered & **kink resistant FEP radiopaque catheter** for easy insertion with optimal flow rate
- Special Flexible wings to provide **easy & secure** fixation (except in Polywin & Polypen)
- Manufactured from tested **biocompatible materials** offering **longer indwelling time**

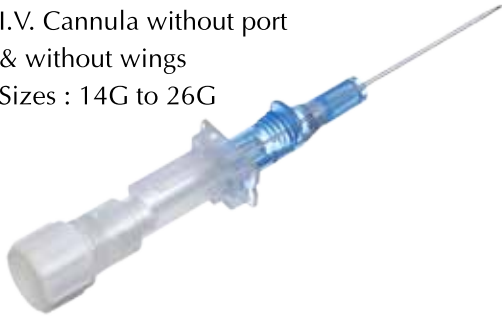


Infusion Therapy

10210-10308

Polywin

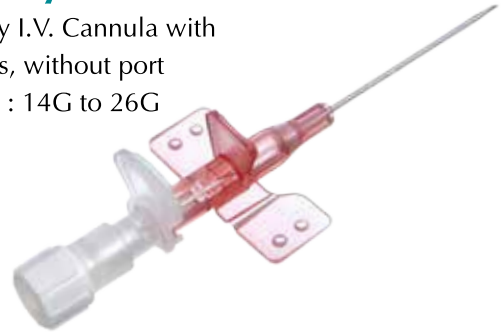
I.V. Cannula without port
& without wings
Sizes : 14G to 26G



10100-10171

Polycan

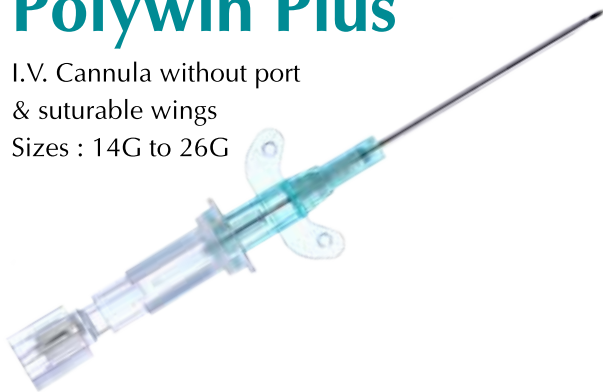
Safety I.V. Cannula with
wings, without port
Sizes : 14G to 26G



10450-10469

Polywin Plus

I.V. Cannula without port
& suturable wings
Sizes : 14G to 26G



10290-10648

Polypen 2

I.V. Cannula without port
& without wings (Pen type)
Sizes : 14G to 26G



- **Rounded grip** on the needle hub for better support during insertion
- Injection port with non-return **silicon valve** for intermittent medication
- **Transparent flashback chamber** for easy visual medication
- **Options available :**
PUR catheter
Hydrophobic bacteria retention filter

| 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 |

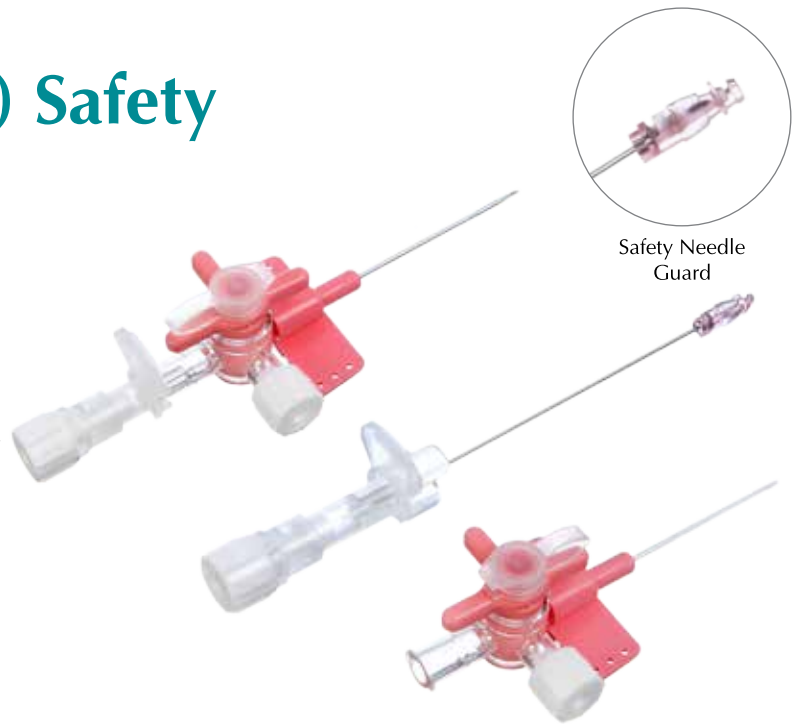
Infusion Therapy

11700-11715

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 venipuncture
- Safety needle guard minimizes the risk of Needle Stick Injury
- Integrated three-way stopcock with port facilitates multiple infusions at the same time
- Smooth thin wall needle to ensure smooth and atraumatic venipuncture.
- Sizes available: 16G, 18G, 20G and 22G



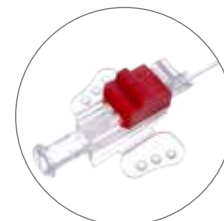
Safety Needle Guard

13424-13429

Art-Can Safety

Safety Arterial Cannula

- Suitable for arterial pressure monitoring and serial arterial blood gas determinations
- Sharp atraumatic needle bevel helps the procedure with minimal patient discomfort
- Specially designed ON-OFF switch prevents backflow and exposure of blood to healthcare professional and provide safety from Air Embolism and contamination
- Safety needle guard automatically covers the needle's sharp bevel after withdrawal of needle from the hub, minimizing the risk of Needle Stick Injury
- Available with FEP/PUR catheter material
- Sizes: 20G & 22 G



On / OFF Switch



Safety Needle Guard

24G Yellow

22G Blue

20G Pink

18G Green

16G Grey

Infusion Therapy

Infusion Therapy

13440-13531

Poly Lead-OTN

Mini Mid Lines - Over the Needle

- The New Mini-Mid line kit Over-the-needle is suitable for “difficult insertion vascular access” and needs approach to vessels by “Internal Juglar Vein”
- The kit contains also a Soft flexible Kink resistant straight Nitinol Guide wire for conversion into a over-the wire
- Made of specially formulated and biocompatible radio opaque Polyurethane material providing strength during insertion
- Specially designed soft tip for smooth & easy insertion of catheter
- Needle free connector (5cm) provides closed system

- **Compatible with Power injectors upto 325-330 PSI**



| Size | Catheter O.D.mm | Flowrate ml/min | | |
|------------|-----------------|-----------------|-----|-----|
| | | 60 | 70 | 80 |
| 14G Orange | 2.0 | 295 | 290 | 285 |
| 16G Grey | 1.7 | 190 | 185 | 180 |
| 17G White | 1.5 | 130 | 125 | 120 |
| 18G Green | 1.3 | 80 | 75 | 70 |

13535-13586

Poly Lead-OTW

Mini Mid Lines - Over the Wire

- Radio-opaque PUR catheter with fixation wings: To be used with Seldinger technique by introducer needle and straight guidewire



Kit Consists of :

- Mini Mid Line Catheter
- Introducer Needle
- Nitinol Guidewire Straight Point (OD 0.018)
- Securement Device
- Wound IV Dressing
- Drape

Options Available :

- Probe cover
- Gel for U.S. Machine
- Needle Free Connector

- **Compatible with Power injectors upto 325-330 PSI**

| Fr | Size G | Catheter Length mm | Flowrate ml/min | Guidewire Length mm | Introducer Needle |
|----|--------|--------------------|-----------------|---------------------|-------------------|
| 4 | 18G | 40 | 40 | 250 | 21Gx54mm |
| 4 | 18G | 60 | 38 | 250 | 21Gx54mm |
| 4 | 18G | 80 | 34 | 250 | 21Gx54mm |
| 4 | 18G | 120 | 31 | 400 | 21Gx54mm |
| 3 | 20G | 40 | 24 | 250 | 21Gx54mm |
| 3 | 20G | 60 | 19 | 250 | 21Gx54mm |
| 3 | 20G | 80 | 17 | 250 | 21Gx54mm |
| 3 | 20G | 120 | 13 | 400 | 21Gx54mm |
| 2 | 22G | 40 | 15 | 250 | 21Gx41mm |
| 2 | 22G | 60 | 12 | 250 | 21Gx41mm |
| 2 | 22G | 80 | 10 | 250 | 21Gx41mm |
| 2 | 22G | 120 | 6 | 400 | 21Gx41mm |

Infusion Therapy

13320-13337

Safe Conekt

Needle free connectors

- Needle free technology reduces the risk of bacterial contamination
- Suitable for all peripheral, arterial and central venous catheters for the administration of I.V. fluids or medication
- Flat smooth swabable surface for ease of disinfection
- DEHP free extension tubing
- **Latex Free**



Needle free connector reduces risk of Catheter related Bloodstream infections (CRBSI)



Safe Conekt - Mono



Safe Conekt - Duo



Safe Conekt - Trio



Safe Conekt - Quatro



Safe Conekt - Penta

| Product Code | Brand Name | Specification |
|--------------|--------------------|---|
| 13320 | Safe Conekt-Mono | Extension Tube small bore Mono-10 cm with needle free connector |
| 13321 | Safe Conekt-Duo | Extension Tube small bore Duo-13 cm with needle free connector |
| 13322 | Safe Conekt-Trio | Extension Tube small bore Trio-15 cm with needle free connector |
| 13323 | Safe Conekt-Duo | Extension Tube Large bore Duo-15 cm with needle free connector |
| 13324 | Safe Conekt-Trio | Extension Tube Large bore Trio-15 cm with needle free connector |
| 13325 | Safe Conekt-Mono | Extension Tube small bore Mono-99 cm with needle free connector |
| 13326 | Safe Conekt-Mono | Extension Tube Large bore Mono-10 cm with needle free connector |
| 13327 | Safe Conekt-Duo | Extension Tube small bore Duo-12 cm with needle free connector |
| 13328 | Safe Conekt-Duo | Extension Tube Large bore Duo-12 cm with needle free connector |
| 13329 | Safe Conekt-Duo | Extension Tube small bore Duo-12 cm with needle free connector with BCV |
| 13330 | Safe Conekt-Trio | Extension Tube small bore Trio-19 cm with needle free connector |
| 13361 | Safe Conekt-Quatro | Extension Tube Small bore Quatro-15 cm with needle free connector |
| 13362 | Safe Conekt-Penta | Extension Tube small bore Penta-15 cm with needle free connector |

***Also available with Back-Check Valve**

Infusion Therapy

13001-13008

Polyway

Three Way Stop Cock

- For multiple infusions
- 360° rotation
- Rotating male luer and two female luer connectors



13001-13003



13004-13006



13007-13009

13023-13025

Polyway Pro

Three Way Stop Cock

Lipid resistant

- For multiple infusions
- 360° rotation
- Handle colour Light Blue



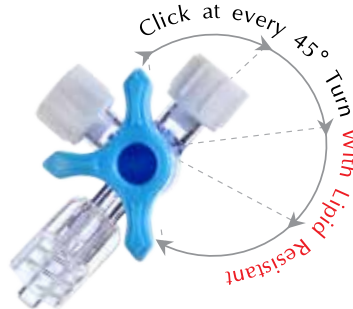
Common features

- 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)

13026

Polyway Pro Click

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



13016-13022

Polyway with Extension Tube

Three Way Stop Cock with Extension Tube

- Soft, frosted & kink resistant DEHP free 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
- Available with rotating Luer Lock



Infusion Therapy

13710-13741

Manifolds

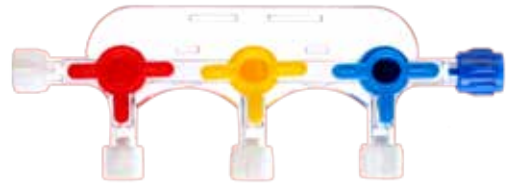
- Suitable for angiography, angioplasty and during intervention radiology and cardiology procedures
- Used as delivery device for I.V. fluids to the patient's vascular system
- Available with 2, 3, 4, 5 & 6 way channels
- Minimal residual & priming volume
- Blood compatible/MRI compatible/Lipid compatible
- Also available with needle free connectors



Needle free connector
Optional



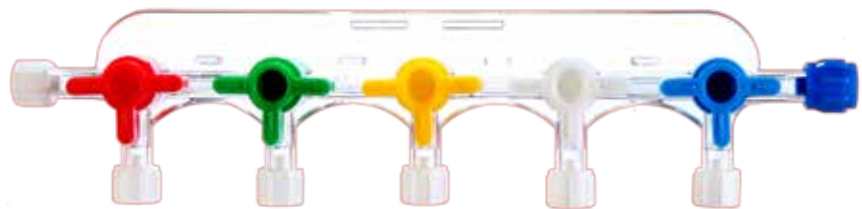
2 Ways



3 Ways



4 Ways



5 Ways



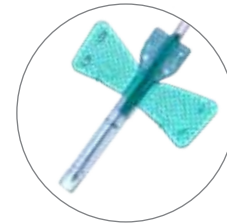
6 Ways

Infusion Therapy

13400-13409

Safety Winged Infusion Set

- Safety winged infusion set with short, atraumatic **sharp Japanese needle**.
- After completion of infusion, **safety needle shield** is slid over the needle until it is in locked position. The needle is isolated and securely locked into a closed system.
- Also available with luer adapter for safe blood collection.
- Safety needle shield minimizes the risk of needle stick injuries.
- Colour coded flexible wings.
- Sizes : 16G to 27G



Needle Safety Shield

13134

T-Type Extension Set

- Extension Tube T-Type
- Tube Length : 15 cm



13080-13085

Obturator

Stylet / Mandarin with Luer Lock

- Used in conjunction with I.V. Cannula for its long term closure
- Colour coded for easy identification of sizes
- Sizes : 14 G to 22 G



14260-14267

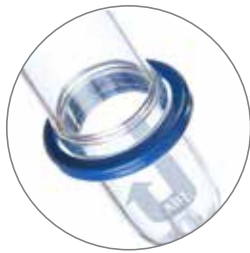
Autofusion Set

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

14263, 14296

Autofusion Nuovo Set

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



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



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
- Also available with "Y" injection port (**latex free**)
- Standard tube length: 180cms



Infusion Therapy

14270-14272

Ultrafusion

I.V. Set with Three Way Stop Cock & Priming Filter

- Hydrophobic priming filter cap prevents fluid leakage
- Long drip chamber to facilitate easy drop count
- Lipid resistant three way stop cock provided for multiple infusions, maintaing close system
- Suitable for pressure & gravity infusions
- **Latex free**



Priming Filter



14024

I.V. Infusion Set with Airvent & Back Check Valve

- Sharp air vented spike
- Bacteria retention air inlet with snap cap
- "Y" injection port (latex free) designed for multiple injections
- Availabe with Back Check Valve to prevent back flow

Common Features

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

Infusion Therapy

14160-14164

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
- Hydrophobic priming filter cap prevents fluid leakage
- **Latex free**
- **DEHP free**
- **PVC free**



Priming Filter



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



14230, 14235

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
- Hydrophobic priming filter cap to prevent fluid leakage
- **Latex free**
- **DEHP free**



Priming Filter



Luer Lock



Rotating Luer Lock



Needle Free Y-Site

Option Available

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

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
- Also available with thumb support “Y” injection port and **Needle Free “Y” site**
- 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**



Also available with Dual Scale



Needle Free Y-Site



14280-14282

Polytrol - Micro Set

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

- Flow regulator integrated into 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**



Needle Free Y-Site

Common 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



Infusion Therapy

14120-14154

Novofusion Set

I.V. Infusion Set with Airvent

- Sharp air vented spike
- Bacteria retention air inlet with snap on cap
- "Y" injection port (latex free) designed for multiple injections
- Suitable for pressure & gravity infusions
- **Latex free**
- **DEHP free**



Option available:

- Rotating luer lock
- **Needle free Y-side**

13490-13496, 13068

Polyspike







Vial Access Spike

- Vented spike for withdrawing fluids from vials or semi-rigid containers
- Reduces contamination through safety snap cap
- Consists of air filter, hydrophobic bacteria filter
- Available with green, blue & red color caps
- **PVC free, DEHP free, Latex Free**

With Snap-fit Cap



All variants are available with safety valve also

| Polyspike Types & Codes | | Fluid Filter | Air Filter | Nature of Use |
|--|---|--------------|------------|------------------------|
|  13491 |  13494 | 5μ | 0.1μ | Chemotherapeutic Drugs |
|  13490 |  13493 | 5μ | 0.1μ | Normal Drugs |
|  13068 |  13492 | NA | 0.1μ | Normal Drugs |

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



Micro dipper

14150-14156

Polyfusion W

I.V. Infusion Set with Winged Spike

- Sharp and Winged spike for easy insertion
- Approximately 10 drops/ml



Common Features (Code: 14060-14070)

- 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
- "Y" injection port (**latex free**) designed for intermittent medications
- Tube dia : I Ø 3 mm & O Ø 4.1 mm
- **DEHP free, Latex free**



Luer Lock



Rotating Luer Lock



Needle Free Y-Site

Infusion Therapy

14500-14580

Polyvol Measured Volume Fluid Administration Set (Burette Set)

- 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 emptied
- 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
- **DEHP free, Latex free**

Option available:

- Luer lock or Rotating luer lock
- **Latex free** automatic shut off valve
- "Y" injection port (self sealing)

Features:

- Air vented spike
- Sizes : 100 ml, 110 ml & 150 ml
- Standard Tube length : 150 cm



Luer Lock



Rotating
Luer Lock



Needle Free
Y-Site



Free Y-Site



Infusion Therapy

13119-13149, 13481

Extension Lines

High Pressure Extension Line

- Suitable for high pressure monitoring
- Kink resistant PVC tubing
- For pressure up to 55 bar (800 psi)
- Capacity : 1.0 ml per 100 cm
- Tube dia : I Ø 1.5 mm & O Ø 3.0 mm



13130-13135

PVC Free High Pressure Extension Line (Coiled)

- Flexible kink resistant **PE tubing**
- Size : 200 cm, 300 cm & 400 cm
- Tube dia : I Ø 1.0 mm & O Ø 2.0 mm
- Priming volume 1.70ml
- **DEHP Free**



Common Features

- Male luer lock at one end & female luer lock at other end
- Tube lengths : 25, 50, 100, 150 & 200 cm

Infusion Therapy

13125-13129, 13266-13267

PVC Free High Pressure Extension Line (Straight)

- Kink resistant **PE tubing**
- For pressure up to 55 bar (800 psi)
- Tube dia : I Ø 1.0 mm & O Ø 2.0 mm
- Tube dia : I Ø 1.5 mm & O Ø 3.0 mm
- **DEHP Free**



13180-13202

Low Pressure Extension Line

- Extension line suitable for low pressure applications
- For pressure up to 4.5 bar (65 psi)
- Available with or without clamp
- Also available with "Y" injection port for intermittent medication
- Tube dia : I Ø 3.0 mm & O Ø 4.1 mm



13350-13351

CVP Manometer

- Specially designer 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



Central Venous Access Catheters

15001-17272

Novocent / 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
- Scalpel
- Catheter holder
- Catheter holder clamp



Common Features

- Central Venous Catheter made of specially formulated and **biocompatible Polyurethane** material provides strength during insertion and also softens at body temperature to conform to the body tissues and reduces the risk and vascular trauma
- Specially designed soft & beveled tip for smooth & easy insertion of catheter
- Soft Flexible J-Tip Guide wire 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

***Novocent Pro** available with kink resistant flexible guidewire made up of Nitinol with J-Tip & lipid resistant three way stop cock

Options Available:



Needle Free Connector



Guiding Syringe

Central Venous Access Catheters

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 / 20G (P) - 18 G (D) | 80 | 0.018 / 0.46 | 50/500 |
| | 15533 | 15053 | 5FR / 20G (P) - 18 G (D) | 130 | 0.018 / 0.46 | 50/500 |
| | 15549 | 15064 | 5FR / 20G (P) - 18 G (D) | 160 | 0.018 / 0.46 | 50/500 |
| | 15534 | 15054 | 5FR / 20G (P) - 18 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 / 22G (P) 20G (D)-22G(M) | 80 | 0.018 / 0.46 | 50/500 |
| | 15575 | 15109 | 5FR / 22G (P) 20G (D)-22G(M) | 130 | 0.018 / 0.46 | 50/500 |
| | 15576 | 15110 | 5FR / 22G (P) 20G (D)-22G(M) | 150 | 0.018 / 0.46 | 50/500 |
| | 15568 | 15111 | 5FR / 22G (P) 20G (D)-22G(M) | 160 | 0.018 / 0.46 | 50/500 |
| | 15569 | 15112 | 5FR / 22G (P) 20G (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 |
| | 15578 | 15113 | 7FR / 18G (P) 16G (D)-18G(M) | 150 | 0.035 / 0.89 | 50/500 |
| | 15563 | 15103 | 7FR / 18G (P) 16G (D)-18G(M) | 160 | 0.035 / 0.89 | 50/500 |
| | 15564 | 15104 | 7FR / 18G (P) 16G (D)-18G(M) | 200 | 0.035 / 0.89 | 50/500 |
| 15565 | 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 |

Suction Catheters

Endo Bronchial Suction Catheters



20130 -20140
Thumb Control
Connector



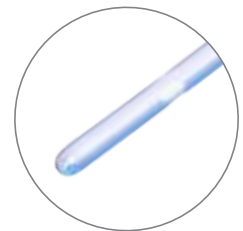
20160-20170
Finger Tip
Control
Connector



21180-21190
Hard Thumb
Control
Connector



20100-20110
Standard
Connector



Atraumatic, soft & rounded Closed tip with one/two lateral Eyes

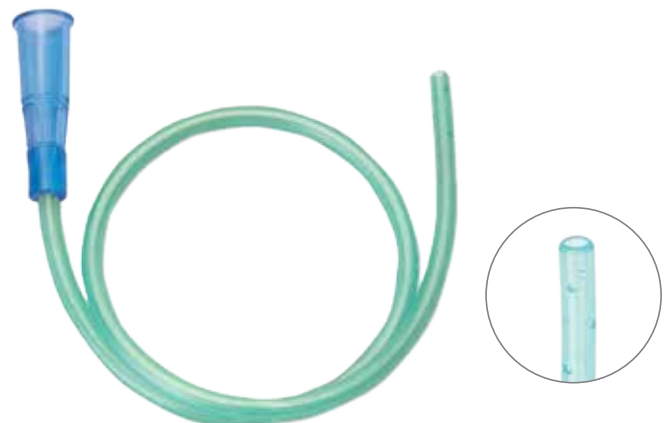
Common Features

- 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

20060-20065

Oxygen Catheter

- Suitable for direct administration of oxygen through the nasopharynx
- Funnel connector at proximal end
- Open distal end with multiple lateral eyes
- Soft, frosted & kink resistant DEHP free PVC tubing
- Colour coded funnel end for easy size identification
- Tube length: 40 cm
- Sizes : 6FG to 16FG



Anaesthesia & Respiratory Care

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 provide 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

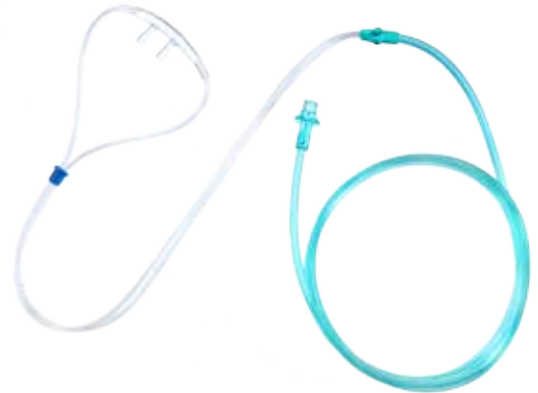


20020-20025

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



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



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



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
- Sizes: Adult & Child

Anaesthesia & Respiratory Care

20120-20123

Venturi Mask

Fixed Concentration Mask

- Easy adjustable, variable venturi system ensures fixed & accurate concentrations of oxygen
- Low concentration (Green colour) diluter allows settings of approximately 24%, 26%, 28% & 30%
- Medium concentration (White colour) diluter allows settings of approximately 35%, 40% & 50%



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



Common Features

- 210 cm long star lumen tubing to ensure continuous flow of oxygen
- Proximal end of tube is connected with funnel shape connector for easy connection with oxygen source
- Sizes: Adult and Paediatric

Endotracheal Tubes

20150-20916

Endotracheal Tube (Cuffed)

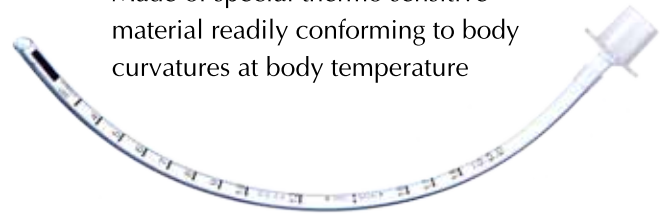
- Provided with soft cuff based on high volume and low pressure at the distal end
- Non-return valve with pilot cuff for easy assessment of the pressure in the main cuff



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 | 6 | - | - | - | - | - | - | - | - |

Tracheostomy Tubes

- Suitable for the intubation in trachea

20811-20125

Tracheostomy Tube (Cuffed)



- Balloon with non return valve to facilitate inflation and deflation of the cuff

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

| | | | | | | | | | |
|---------------|---|-----|---|---|---|-----|---|---|----|
| Cuffed | - | - | 5 | 6 | 7 | 7.5 | 8 | 9 | 10 |
| Plain | 4 | 4.5 | 5 | 6 | 7 | 7.5 | 8 | 9 | 10 |

20124-20128

Tracheostomy Tube (Plain)



Common Features

- Soft flexible flange helps easy fixation
- 15mm connector can be rotated in 360 degree direction & facilitates the safe connection to breathing system from any direction
- Available with cotton neck tape

Anaesthesia & Respiratory Care

40350-40445

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 DEHP free PVC tubing
- Also available with thumb control suction catheter
- Available in following capacity : 25 ml, 40ml, 100ml, 175ml
- Suction Tube lengths available: 40 & 50 cm
- Suction Tube sizes: From 6FG to 14FG

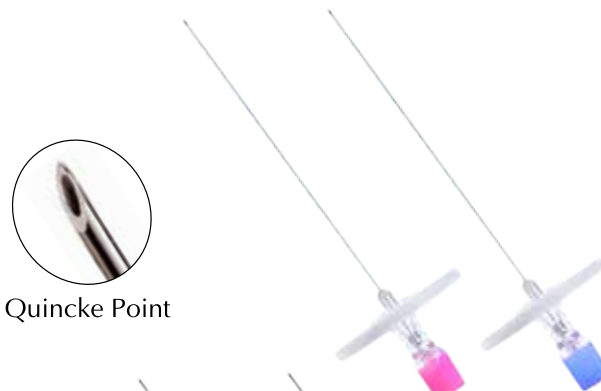


20400-20931

Spinal Needle

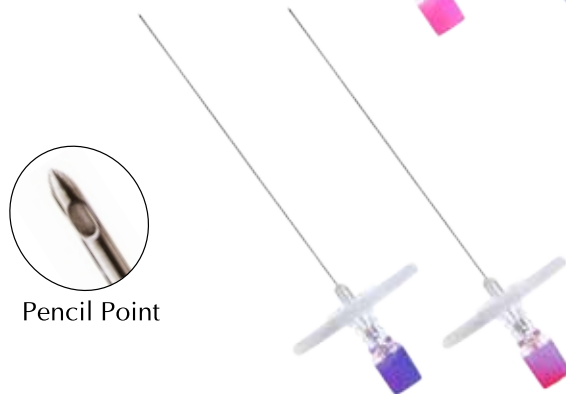
Quincke Point

- Suitable for Spinal anaesthesia
- Conical tip imparts superior tactile feedback



Whitacre Pencil Point

- Reduces loss of Cerebrospinal fluid and PDPH



Common Features

- Conical tip imparts superior tactile feedback
- High flow rate enables faster Cerebro Spinal Fluid (CSF) flashback
- Aggressive anesthetic distribution upon injection
- Also available with introducer needle
- Sizes: - 16 G to 30 G x 3.5" (90 mm) needle length

Ventilator Circuits

20418

Adult Ventilator Circuit

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



20421

Paediatric Ventilator Circuit

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

20419

Ventilator Circuit with one water trap

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



Common Features

- Y Connector with ports
- Safety cap

Anaesthesia & Respiratory Care

20420, 20423

Ventilator Circuit 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 Re-breathing bag



20180

Catheter Mount

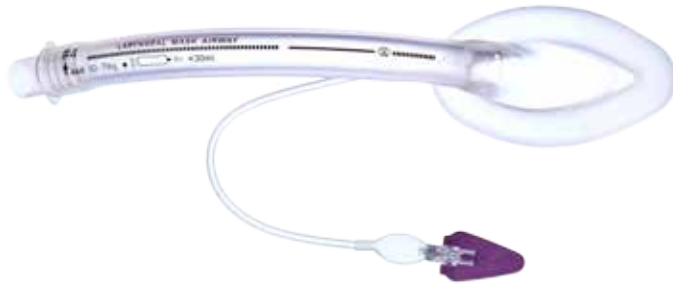
- Suitable for connection between endotracheal tube and breathing circuits
- Provided with 22 mm standard female connector compatible with all breathing & ventilator circuits
- An elbow port is provided for easy suctioning without causing disturbance to breathing circuits
- I.D. 15 mm / O.D. 22 mm



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: 1.5, 2, 2.5, 3, 4 and 5

20424

HME Filter

- Filter Particles
- Moisture return: 32mg H₂ O/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
- **Option available: With or without air filter**



Needle free Sampling Port (optional)



Air Filter (Optional)



T-type bottom outlet

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

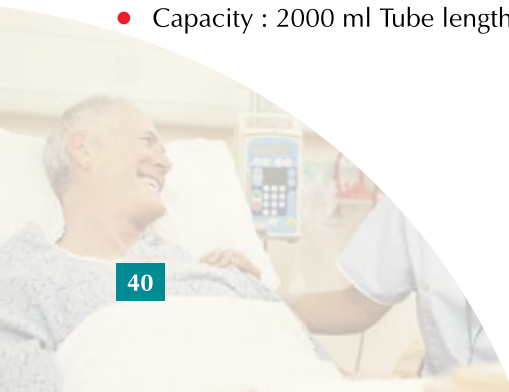
30110-30111, 30120

Urine Collection Bag with T-type Bottom Outlet and Sampling port

- T-type bottom outlet for single hand operation and efficient emptying of the bag
- Capacity : 2000 ml Tube length: 100cm



T-type bottom outlet



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



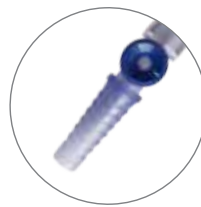
30113-30116, 30119, 30121-30122

Polyurimeter

- Urine collection bag graduated in ml with measured volume meter for accurate measurement of urine
- Sampling port provided for sample collections maintains closed system, reduces the chance of Urinary Tract Infection
- Reservoir Capacity 250 ml, 500 ml

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
- Also available with needle free sampling port



Needle free Sampling Port (optional)



T-type bottom outlet

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

30040-30051

Rectal Catheter

- For introduction of enema solution into rectum to release / aspire rectal fluid
- Length : 40 cms
- Sizes :18 FG to 32 FG

Common Features

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

30160-30168

Foley Balloon Catheters

- 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

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 |

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

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



Irrigation Sets

30520-30523, 30560-30564

Irrigation Set with Soft Chamber

- Made of DEHP free PVC soft flexible chamber delivering high flow rates
- Available in single & multi flow dual spike



30540-30543, 30570-30573

Irrigation Set with Pump

- Made of DEHP free PVC chamber delivering high flow rates
- Available in single & multi flow dual spike Length : 40 cms



Common Features

- Sharp and easy piercing spike
- Smooth roller clamp facilitates easy and controlled adjustment of fluid
- soft and smooth clamp for easy opening and closing

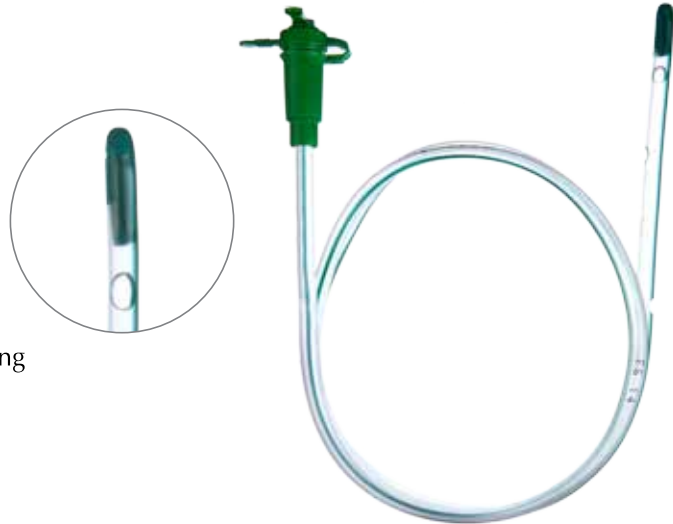
Gastroenterology

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



40301-40310

Levin's Tube

Gastro-Duodenal Feeding Tube

- **DEHP Free**
- For gastro-intestinal feeding and aspiration
- Closed distal end with four lateral eyes
- Tube with radio-opaque line, marked at 45, 55, 65 and 75 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: 125 cm, Sizes : 6 FG to 24 FG

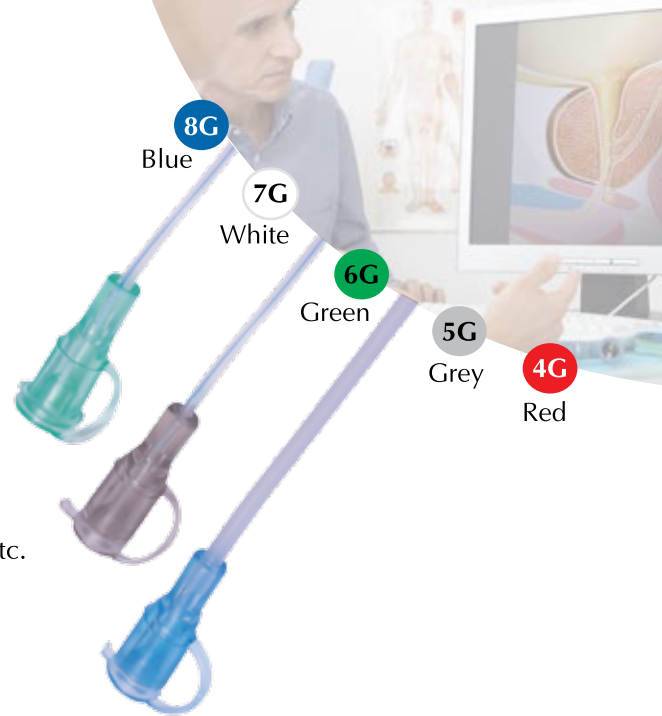


Gastroenterology

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**



40456-40462

PU Feed

PU Umbilical Catheter

- Umbilical catheter in Polyurethane Material with better biocompatibility
- Atraumatic, soft rounded open distal tip to reduce vascular trauma
- Provided with graduation mark after every cm
- Length : 40 cm
- Sizes : 3, 3.5, 4, 5, 6 & 8 FG

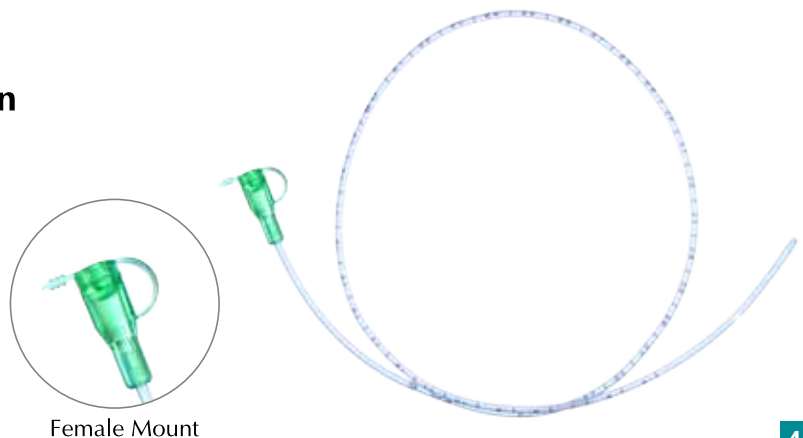


40180-40206

Novofeed

Infant Feeding Tube with Graduation

- Graduation marking after every cm
- Closed distal end with two lateral eyes
- Soft, frosted & kink resistant PVC tubing with radio-opaque line
- Length : 40, 50 & 100 cm
- Sizes : 4 FG to 10 FG
- **DEHP Free**



Female Mount

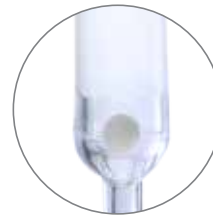
Blood Management

70130

Blood Administration Sets

Blood Set

- 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
- Light weight ball facilitates Auto shut mechanism
- Available with priming filter
- **DEHP Free**



Auto shut mechanism



70090-70147

Haemofusor Set

Blood Administration Set with Airvent and Priming filter

- The special priming filter ensures that the line fills automatically (auto prime) thus maintains a close system until connected
- Y injection port (**Latex Free**)



70130-70166

**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 DEHP Free PVC tubing
- With 200 micron blood filter
- Also available in Double drip chamber
- With or without needle

70150

Transfusion Pump Set

- Manual Blood Transfusion Pump Set
- Flexible Double drip Chamber
- 200 micron filter suitable for Blood
- Approximately 20 drops/ml
- **Needle free Y-site** designed for multiple injections
- Available with rotating luer lock
- Soft and kink resistant PVC tubing
- **DEHP Free**



Needle Free
Y-Site



Rotating
Luer Lock



Blood Bag Systems



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 venipuncture
- 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 being 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



74000

ACD Bag

- Anticoagulant Citrate Dextrose bag
- Anticoagulant used during apheresis
- Available in 250ml & 500ml



Blood Management

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



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 double, triple & quadruple blood bag systems



Blood Management

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



Blood Collection Needles

88260-88265

Haemoflash

Flashback Needle

- Instant flashback to ensure successful needle placement



Flashback



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 off with rubber shield
- Suitable for multiple blood collection



| Ref. Code | 88263 | 88260 | 88264 | 88261 | 88262 | 88265 |
|-----------|----------|------------|----------|------------|------------|----------|
| Sizes | 21G x 1" | 21G x 1.5" | 22G x 1" | 22G x 1.5" | 23G x 1.5" | 23G x 1" |

| 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" |

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. |



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 Sodium or Lithium Heparin. The anticoagulant heparin activates antithrombins, thus blocking the coagulation cascade and producing a 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.

Blood Collection Systems

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.

88280-88308

Nuovo Safe
Safety Blood Collection Set

- Safety winged blood collection set with multiple sample luer adapter allowing specimen collection from a closed system
- After completion of the blood collection, safety needle shield is slid over the needle until it is in locked position
- Easier & safer blood collection with no compromise to patient care
- **Safety needle shield** minimizes the risk of needle stick injuries
- Colour coded flexible wings



| Ref. Code | 88280 | 88281 | 88282 | 88284 | 88285 | 88286 |
|-----------|-------|-------|-------|-------|-------|-------|
| Sizes | 19G | 20G | 21G | 23G | 24G | 25G |



Needle Safety Shield

88220

Standard Needle Holder

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



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 : 400ml



90070-90199

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



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

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

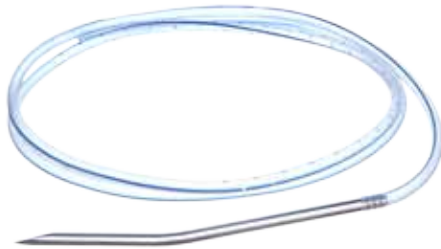


90500-90518

Ultravak Set

High Pressure Vacuum Bottle with Extension Tube

- Rigid suction containers are predominantly connected to wound drainage containers and temporarily, applied to evacuate wound exudates and for contraction of wound surfaces in the post-operative phase
- Clear transparent bottles with bold marking facilitates proper and easy reading
- Graduated bottle chamber available in 200 ml, 400ml & 600ml
- Kink resistant 105 cm PVC tubing
- Suitable for high pressure vacuum drainage under negative pressure for post-operative phase
- Accessory: Extension tube with clamp, vacuum indicator & bottle unit with connector
- Also available with Trocar & Redon Drain



Trocar & Redon Drain
(Optional)

| Model | Capacity |
|---------|----------|
| X Large | 1000 ml |
| Large | 600 ml |
| Medium | 400 ml |
| Small | 200 ml |



Extension Tube with Clamp



200ml



400ml



600ml



1000ml

Surgery and Wound Drainage

Ultra Cath Novo

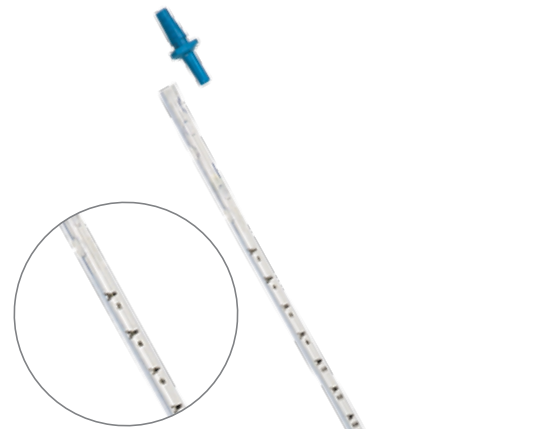
Thoracic Drainage Catheters

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
- Length: 45 cm
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 32, 36, 40FG
- DEHP Free

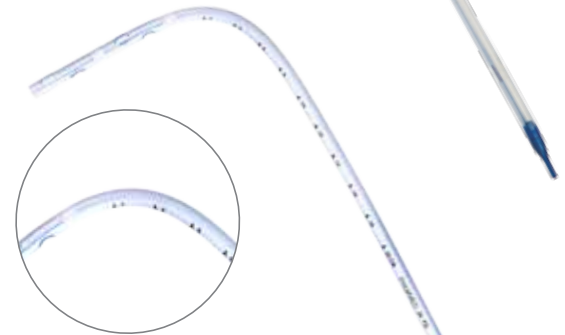


90540-90549, 90173-90175, 90181

Ultra Cath Novo-Angled

Thoracic Drainage Catheters-Angled

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

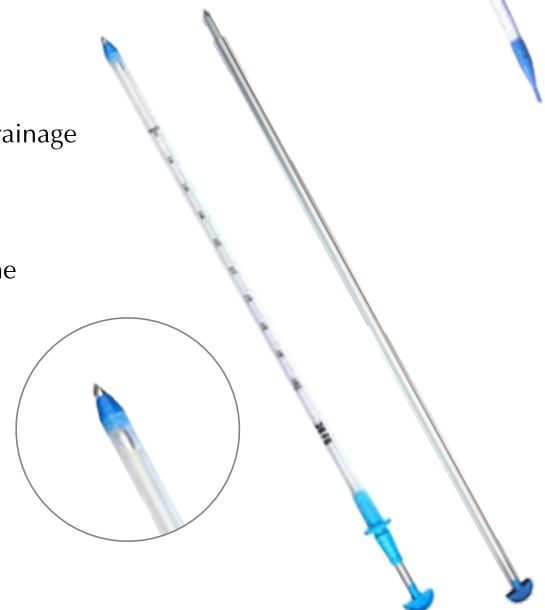


90090-90099, 90176-90186

Ultra Cath Novo-Trocar

Thoracic Drainage Catheters-with Trocar

- Catheter is provided with curved (90°) angle 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

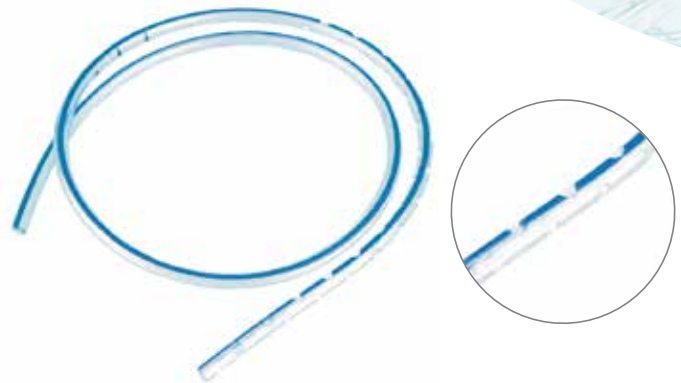


Surgery and Wound Drainage

90060-90186

Redon Drain

- Provided with radio-opaque line and smooth eyes
- Cross perforated length of tube: 14cm
- Markings on the tube at 19 cm from the distal tip
- Soft, frosted & kink resistant PVC tubing
- Length: 50, 70, 120 & 170 cm
- Sizes: 8, 10, 12, 14, 16 & 18 FG
- **DEHP Free**



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



Surgery and Wound Drainage

90140, 90270

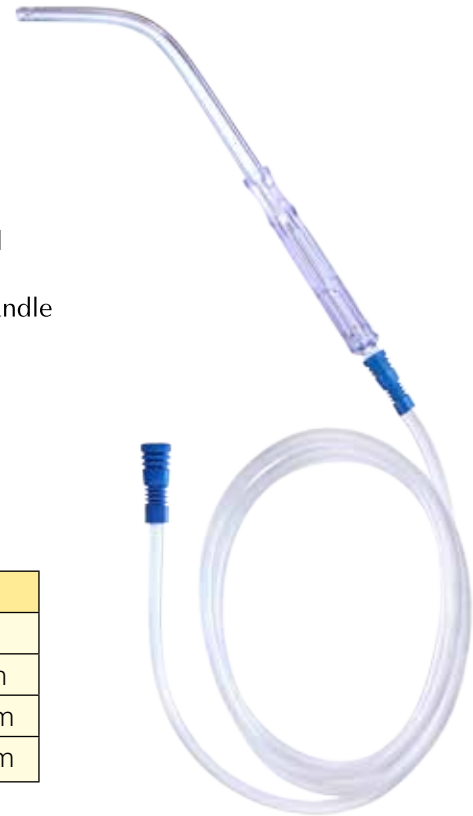
Polysuction Set

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 DEHP Free PVC tubing

| Tube Lengths |
|--------------|
| 180 cm |
| 210 cm |
| 250 cm |
| 270 cm |
| 300 cm |
| 320 cm |

| Tube Dimensions | |
|-----------------|---------|
| I ø | O ø |
| 6.0 mm | 8.5 mm |
| 7.0 mm | 10.0 mm |
| 8.0 mm | 11.5 mm |



90160, 90150

Yankauer Suction Handle

- Yankauer Handle is open end-with 4 lateral eyes to withstand negative pressure and ensures continuous and easy suction fluid
- Yankauer Handle available in standard or crown tip with or without vacuum thumb control



Crown Tip



Standard Tip





Dialysis

13450-13476

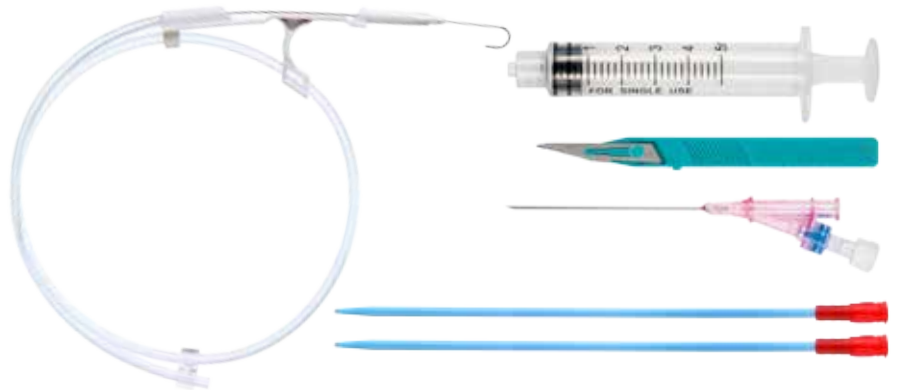
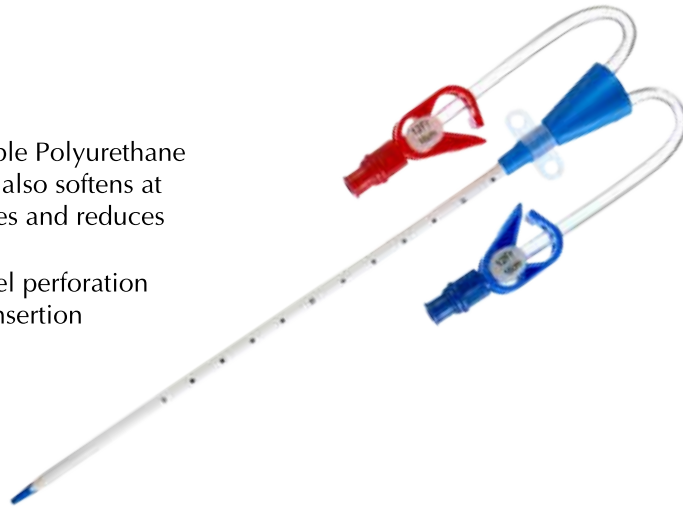
Haemocent

Haemodialysis Catheter Kit

- Made of specially formulated and bio-compatible Polyurethane material, provide strength during insertion and also softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma insertion of catheter
- Soft flexible J-Tip Guide wire 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 guide wire
- Dilators 2
- Luer lock syringe
- Scalpel



Haemodialysis Catheter Kit

Haemodialysis Catheter Sizes

| Description | Specification | | Dilator | Guidewire |
|---------------------------------------|---------------|-------------|-------------|-------------------------------|
| Lumen | Size | Length (cm) | OD | Diameter (inch) x Length (cm) |
| Straight Extension & Curved Extension | | | | |
| Double Lumen | 11.5FR | 13/16/20 | 12FR & 10FR | 0.035 x 50 |
| | 12FR | 13/16/20 | 12FR & 10FR | 0.035 x 50 |
| Triple Lumen | 12FR | 13/16/20 | 12FR & 10FR | 0.035 x 50 |

Also available with Nitinol Guide Wire (HAEMOCENT PRO)

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 |



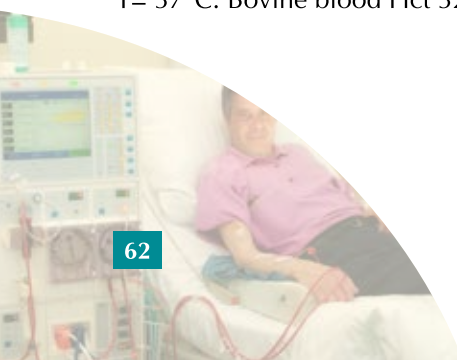
| Brand | Size | Product Code | Category |
|-------------|------|--------------|-----------|
| Haem-O-Flux | 1.1 | 90366 | Low Flux |
| | 1.3 | 90365 | |
| | 1.6 | 90367 | |
| | 1.8 | 90368 | |
| | 1.3 | 90369 | High Flux |
| | 1.8 | 90370 | |

(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)

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





Dialysis

A.V. Fistula Needles

91030-91038, 92000-92018

Poly Protekt

Safety Fistula Needle



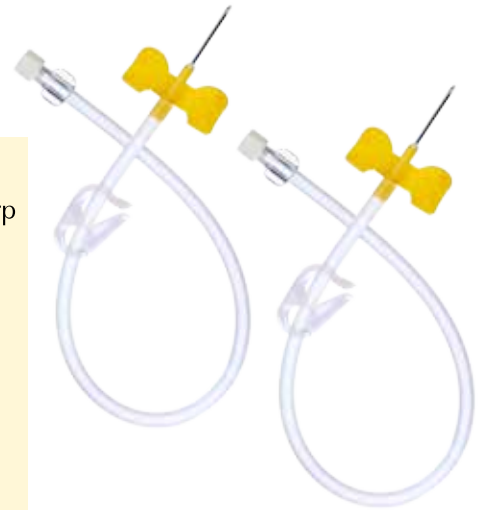
Needle safety guard

Common Features :

- Siliconised ultra thin walled & sharp beveled back eyed needle to minimize trauma to the patient
- Flexible butterfly wings for proper fixation
- With Fixed/Rotating wing
- Fistula needle length : 20, 25 mm
- Tube length : 15, 20, 30 cm
- Sizes : 15G, 16G, & 17G

90030-90235

A.V. Fistula Needles



70155-70156

Haemo-o-line

Blood Lines

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



Others

51010-51060

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 |



Others

90290

Sputum Collector

- Suitable for collection, transportation and storage of sputum samples
- Manufactured from high quality polypropylene, resistant to commonly used lab reagents at room temperature
- Supported with secure screw cap
- To ensure sample identification, the container has scratch-resistant writing or labeling areas
- Nominal capacity 40 ml
- Overflow capacity 50 ml



90280

Brush

Dry Brush

- Surgical Scrub Brush - with bristle on one side and a soft sponge on the other
- Suitable for disinfection requirements for surgical hand scrubbing (used for minimizing the risk of infection)
- Anatomic design in order to achieve higher comfort and flexibility for the user
- Available with a nail cleaner



Nail Cleaner

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 prevents slipping of the umbilical cord



Others

90655

Nouvoguard

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

13353

Luer Lock

- Male Luer Lock
- Available in pack of 4 in a strip



13354

Injection Stopper

- Latex Free yellow colour Injection Stopper
- Available in pack of 3 in a strip



13355

Luer Lock Injection Site

- Latex free Injection Stopper
- Available in pack of 3 in a strip



13357-13359

Universal Cap

- Suitable for closure of IV Cannula, IV Set and Central Venous Catheters
- Available in pack of 3 in a strip





Customized Products Ultra-Modern High-Tech Facilities OEM/Contract Manufacturing Strong Pipeline of Innovative Products

Award and Recognition

Performance and innovation, management, ethics and sustainable development, financial and corporate communication... The awards POLYMED has received are the recognition of the innovations we have done in every aspect of its business operations.

Medical Devices Company of the Year

- Polymedicure Ltd. awarded as the Medical Devices Company of the Year 2018 by the Department of Pharmaceuticals Ministry of Chemicals & Fertilizers, Govt. of India.

Innovation

- Silver Patent Award by Pharmaceuticals Export Promotion Council in the Year 2009-10 for Medical Devices Patents Category
- Silver Patent Award by Pharmaceuticals Export Promotion Council in the Year 2010-11 in recognition of contribution to R&D in Medical Devices Sector
- Silver Patent Award by Pharmaceuticals Export Promotion Council in the Year 2011-12 for Medical Devices Surgical Diagnostics Category
- Certificate of Appreciation for Patent for 2012-13 from Pharmaceuticals Export promotion council of India
- Gold Patent Award for 2015-16 Pharmaceuticals Export promotion council of India
- 6th National award for Technology Innovation
- Zee Business Dare to Dream Award in the category of Emerging Company of the year 2018

Export

- Gold Award by Pharmaceuticals Export Promotion Council in the Year 2010-11 for commendable contribution to pharmaceutical sector
- Top exporter award by the Plastics Export Promotion Council, Govt. of India in Medical Disposables segment in the Year 2011-12
- Top exporter award by the Plastics Export Promotion Council, Govt. of India in Surgical items segment for the Years 2012-13, 2013-14 & 2014-15, 2015-2016, 2016-2017
- Star Performers in Product Groups for 2014-15 (Silver Shield) Medical and surgical equipment and orthopaedic appliances Medium Enterprise
- Business Leader of the Year Award for 2015-16 conferred upon by FIA

Research & Development Awards

- National Award for technology and innovation in downstream plastic processing industry from Chemical and Fertilizers department, Govt. of India (2013-14)



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