

A Global Medical
Technology Company



PRODUCT
CATALOGUE



Global Manufacturing Foot Print



IMT, Faridabad

2018



117, Faridabad

2023



R&D Center, Faridabad

2016



Amaro, Italy

2018



Laiyang-Qingdao, China

2009



SEZ, Jaipur

2014



Assuit, Egypt

2002



Haridwar

2007



104-105, Faridabad

1997

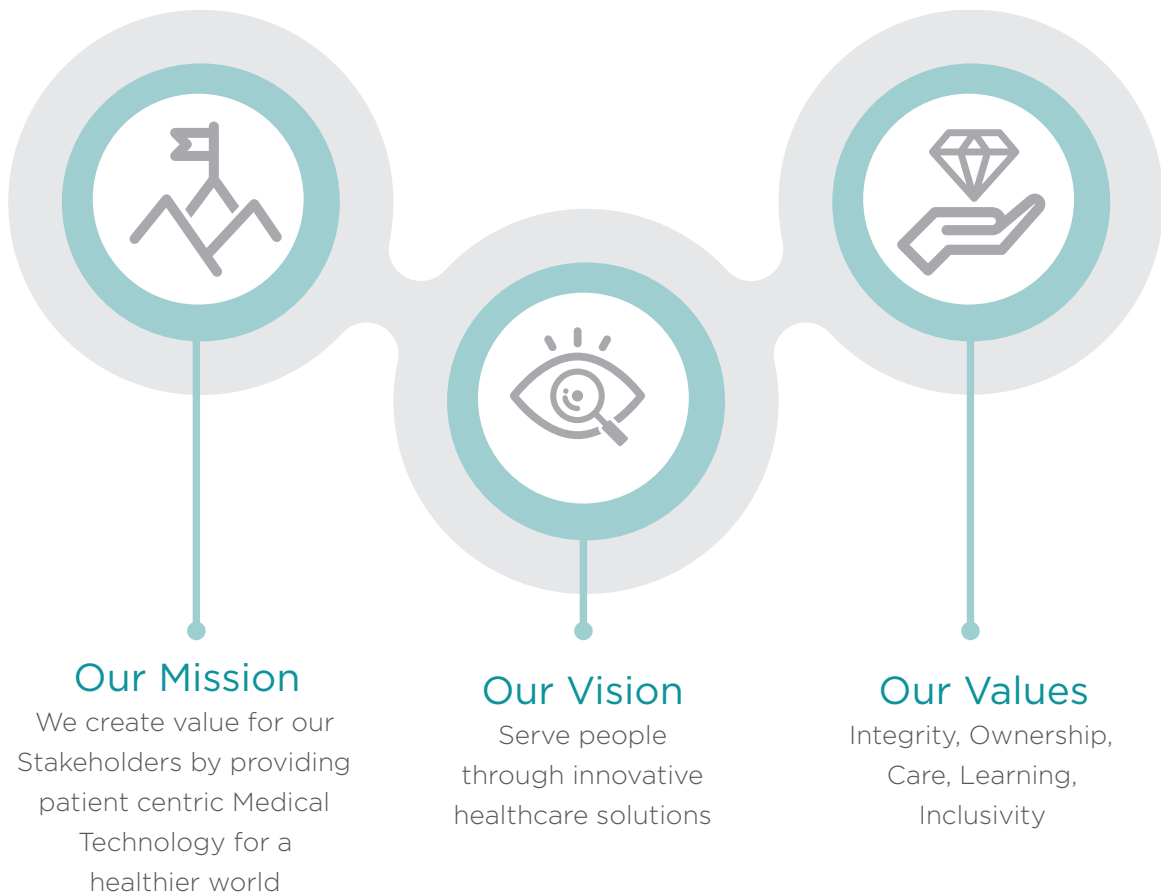


115-116, Faridabad

2001

About Us

Poly Medicure Limited (Polymed) is a multinational medical devices company headquartered in Delhi, India, manufacturing 150+ medical devices across its 12+ manufacturing facilities around the world. Polymed products have a presence in 125+ countries across the globe, with subsidiaries in Europe, the United States, and China. Polymed holds many proprietary designs & patents, and continues to invest in R&D and innovation. The products cater to a vast range of therapeutic segments covering infusion therapy, dialysis, respiratory care, cardiology, oncology, urology, gastroenterology, blood collection and management, anaesthesia & wound drainage. We continue to forge ahead with a relentless drive that was set into motion over 26 years ago.



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Standard I.V. Cannula

10001-10897

I.V. Cannula for Continuous Peripheral Intravenous Infusion

10310-10409

Polyflex

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



10001-10081

Polyflon

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



10210-10308

Polywin

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



10450-10469

Polywin Plus

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



10100-10171

Polycan

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



Common features

- Special flexible wings to provide easy & secure fixation (except in Polywin & Polypen)
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Injection port with non-return silicon valve for intermittent medication (for ported Cannula only)
- Transparent flashback chamber for easy visualization
- **Options available :**
 - FEP catheter
 - Hydrophobic bacteria retention filter

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



10290-10298, 10640-10648

Polypen 2

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



10410-10425

Polycath

I.V. Cannula with integrated
three way stop cock
Sizes : 16, 17, 18, 20, 22G



| Gauge | 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 | 90 |
| 18G | Green | 1.3 | 32 | 90 |
| 20G | Pink | 1.1 | 32 | 61 |
| 20G | Pink | 1.1 | 25 | 61 |
| 22G | Blue | 0.9 | 25 | 36 |
| 24G | Yellow | 0.7 | 19 | 23 |
| 26G | Violet | 0.6 | 19 | 17 |

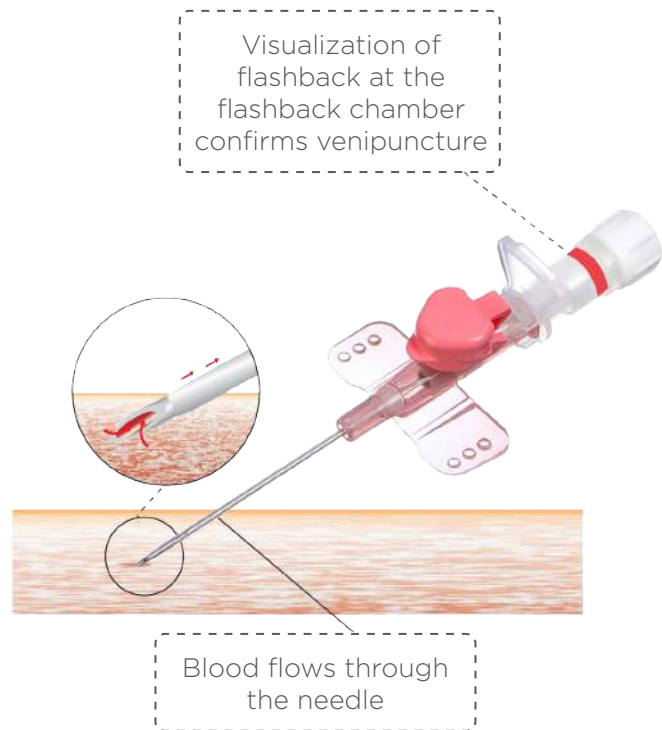
I.V. Cannula for Quick Flashback
Needle Technology

- 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

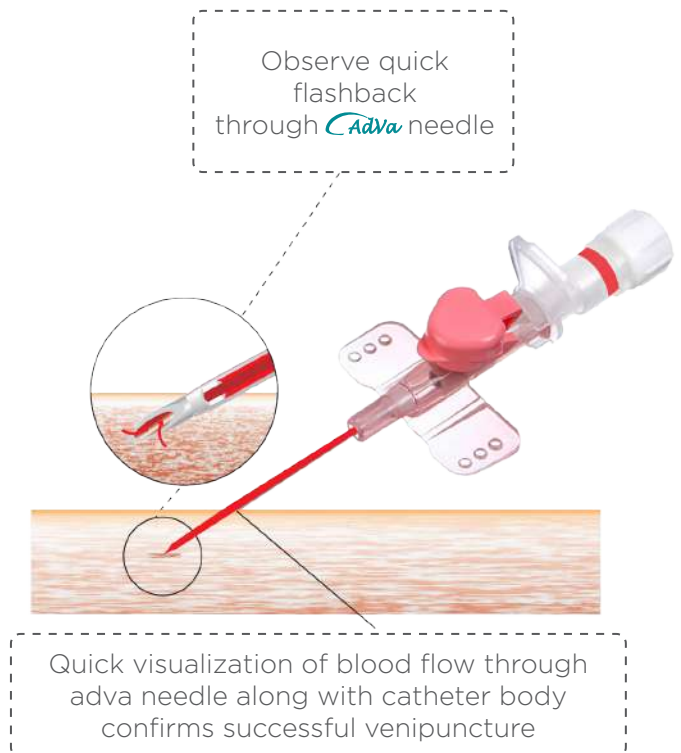


Adva Needle Technology

Standard I.V. Cannula



Quick Flashback I.V. Cannula



Also available in



Also available

- Polyflon **Adva** I. V. Cannula
- Polycan **Adva** I. V. Cannula
- Polycath **Adva** I. V. Cannula
- Polypen **Adva** I. V. Cannula
- Polyneo **Adva** I. V. Cannula
- Neonovo **Adva** I. V. Cannula
- Polywin **Adva** I. V. Cannula
- Polyflex **Adva** I. V. Cannula

Passive Safety Mechanism Nouvo Safety Set

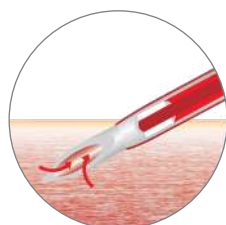
Safety Closed I.V. Catheter System

11782-11786, 11788, 11922-11927,
11930-11942, 11945-11951, 11954-11955,
11980-11986, 11988-11994

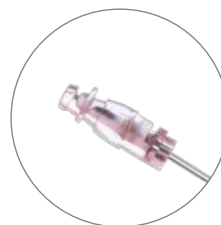
- Integrated system minimizes the risk of contamination & accidental disconnection
- Closed IV Catheter system supports multiple infusions
- Supports reduction of Hospital Acquired Infections and Needle Stick Injuries
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Latex Free, PVC Free, DEHP Free
- Compatible with Power injectors upto 300 PSI
- Also suitable for sub-cutaneous infusion
- **Options available :**
 - Two Needle Free Connectors
 - Straight Port
 - Stop Cocks



Needle free connector reduces the risk of catheter related bloodstream infections (CRBSI)



Quick Flashback Needle Technology ensures successful venipuncture



User friendly, Self Activating Safety Mechanism prevents needle stick injuries



Flexible perforated Soft wings

| Gauge | Color | Catheter O.D.mm | Catheter Length(mm) | Flow Rate (ml/min) | Product Code (Y-site) | | Double Luer Lock | Straight Luer Lock | Stop Cock | Stop Cock with NFC* |
|-------|--------|-----------------|---------------------|--------------------|-----------------------|-------------|------------------|--------------------|-----------|---------------------|
| | | | | | Single NFC** | Double NFC* | | | | |
| 16G | Grey | 1.70 | 32 | 125 | 11988 | 11980 | 11922 | 11930 | 11945 | 11936 |
| 18G | Green | 1.3 | 45 | 79 | 11990 | 11982 | 11954 | 11955 | 11946 | 11937 |
| 18G | Green | 1.3 | 32 | 84 | 11989 | 11981 | 11923 | 11931 | 11947 | 11938 |
| 20G | Pink | 1.1 | 32 | 58 | 11991 | 11983 | 11924 | 11932 | 11948 | 11939 |
| 20G | Pink | 1.1 | 25 | 61 | 11786 | 11785 | 11782 | 11783 | 11784 | 11788 |
| 22G | Blue | 0.9 | 25 | 33 | 11992 | 11984 | 11925 | 11933 | 11949 | 11940 |
| 24G | Yellow | 0.7 | 19 | 18 | 11993 | 11985 | 11926 | 11934 | 11950 | 11941 |
| 26G | Violet | 0.6 | 19 | 15 | 11994 | 11986 | 11927 | 11935 | 11951 | 11942 |

Advantages of Needle Free Connector 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

11001-11020

Polysafety

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



Needle Safety Guard



Snap Fit Cap

11150-11168

Polypen Safety

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



Needle Safety Guard

11090-11128

Polywin Safety

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



Needle Safety Guard

11400-11409, 11420-11428

Polywin Plus Safety

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



Needle Safety Guard

11050-11070

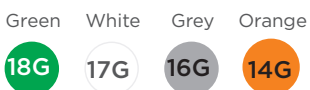
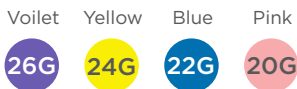
Polycan Safety

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



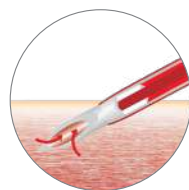
Needle Safety Guard

Available in



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
- Smooth edged safety needle guard
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- **Also available with FEP Catheter Material**



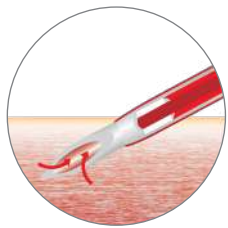
Also available with Quick Flashback *AdVa* Needle Technology

Active Safety Mechanism Polyguard+

12460-12481

Safety I.V. Cannula with Quick Flash Back Technology

- Quick flashback technology instantly confirm successful venipuncture.
- Advance Polyurethane catheter material ensures longer indwelling time.
- Manufactured from tested biocompatible materials.
- Active safety mechanism automatically encapsulate sharp needle bevel, prevents accidental needle stick injury.
- Rounded grip on the needle hub for better gripping during insertion.
- Compatible with power injector up to 300 PSI.
- PVC Free, DEHP Free, Latex Free.



Quick Flashback Needle Technology ensures successful venipuncture

| Gauge | Color | Length (mm) | O.D | Flow rate (ml/min) |
|-------|--------|-------------|------|--------------------|
| 14G | Orange | 45 | Ø2.1 | 305 |
| 14G | Orange | 32 | Ø2.1 | 305 |
| 16G | Grey | 45 | Ø1.7 | 200 |
| 16G | Grey | 32 | Ø1.7 | 200 |
| 18G | Green | 45 | Ø1.3 | 100 |
| 18G | Green | 32 | Ø1.3 | 105 |
| 20G | Pink | 32 | Ø1.1 | 61 |
| 20G | Pink | 25 | Ø1.1 | 65 |
| 22G | Blue | 25 | Ø0.9 | 36 |
| 24G | Yellow | 19 | Ø0.7 | 23 |
| 24G | Violet | 19 | Ø0.6 | 17 |

11083-11089, 11170-11227

Polyshield

Safety I.V. Cannula with Push Off Tab

Features

- Push off tab needle shielding technology is demonstrated to reduce needle stick injuries.
- Quick Flashback instantly confirms successful venipuncture.
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time.
- Smooth, tapered catheter to minimize insertion discomfort.
- PVC Free, DEHP Free, Latex Free.



Push Off Tab for Quick release



Quick Flashback Needle Technology ensures successful venipuncture

11850-11854

Polysafety-BC Ported

Safety I.V. Cannula with Blood Control Ported



11810-11819

Polysafety-BC

Safety I.V. Cannula with Blood Control



Silicon Septum prevents Blood spillage



Quick Flashback Needle Technology ensures successful venipuncture



Prevents Blood exposure & contamination

Common Features

- Blood Control IV cannula reduces the risk of blood exposure and contamination
- Helps to maintain a clean access site
- Passive safety mechanism automatically encapsulates sharp needle bevel, prevents 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 in line when I.V. bottle runs dry
- Compatible with Power injectors upto 300 PSI
- Latex Free, PVC Free, DEHP Free

| Gauge | Color | Product Code Non-Ported | Product Code Ported | Catheter O.D.mm | Catheter Length(mm) | Flow Rate (ml/min) | Flow Rate (ml/sec) |
|-------|--------|-------------------------|---------------------|-----------------|---------------------|--------------------|--------------------|
| 18G | Green | 11812 | 11850 | 1.3 | 45 | 65 | 10 |
| 18G | Green | 11813 | 11854 | 1.3 | 32 | 70 | 10 |
| 20G | Pink | 11814 | 11851 | 1.1 | 32 | 47 | 7 |
| 22G | Blue | 11815 | 11852 | 0.9 | 25 | 28 | 6 |
| 24G | Yellow | 11816 | 11853 | 0.7 | 19 | 17 | 4 |

Art-Can Standard

13426-13427, 13430-13431

Standard Arterial Cannula

- Suitable for arterial pressure monitoring and 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
- Sizes: 20G & 22 G
- **Available with PUR catheter material only**



On / OFF Switch

Art-Can Safety

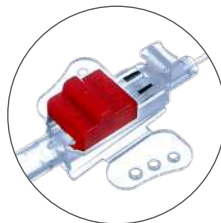
13425-13429, 13433-13437

Safety Arterial Cannula

- Suitable for arterial pressure monitoring and 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
- Needle safety guard automatically covers the needle's sharp bevel after withdrawal of needle from the hub, minimizing the risk of Needle Stick Injury
- Sizes: 20G & 22 G
- **Available with PUR catheter material only**



Needle Safety Guard



On / OFF Switch

Art-Cath

13371-13372, 13410, 13528-13529, 13534

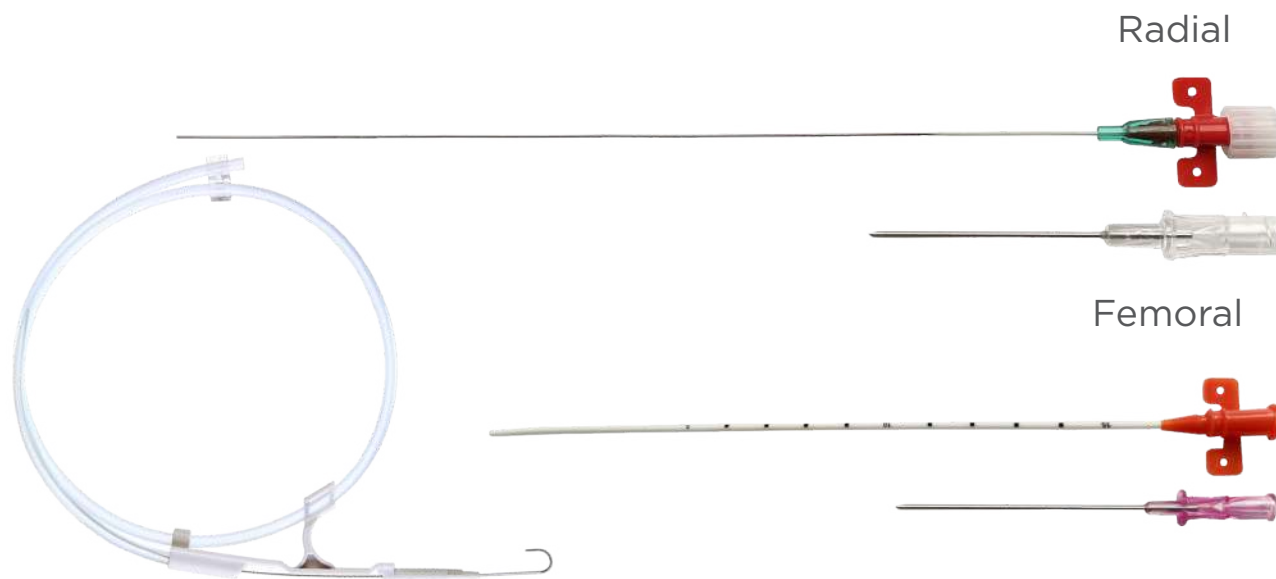
Arterial Catheter (Over the wire)

Features

- Arterial Catheter with red hub is specially designed to improve patient safety by eliminating confusion of catheter identification.
- Over the wire technique reduces the complications associated with insertion technique and provides optimal performance leading to effective treatment.

Kit Contents

- Introducer Needle
- Polyurethane catheter
- Nitinol guide wire



Product Specifications

| Ref Code | Fr | Size G | Catheter Length (mm) | Flowrate (ml/min) | Guidewire Length (mm) | Introducer Needle | Packaging Duplex/Carton |
|----------|----|--------|----------------------|-------------------|-----------------------|-------------------|-------------------------|
| 13528 | 3 | 20G | 40 | 38 | 200 | 20GX38mm | 20/200 |
| 13371 | 3 | 20G | 60 | 27 | 200 | 20GX38mm | 20/200 |
| 13529 | 3 | 20G | 80 | 33 | 300 | 20GX38mm | 20/200 |
| 13372 | 4 | 18G | 100 | 24 | 300 | 19GX52mm | 20/200 |
| 13534 | 4 | 18G | 180 | 95 | 460 | 18GX70mm | 20/200 |
| 13410 | 5 | 16G | 150 | 29 | 390 | 18GX70mm | 20/200 |

Novocent / Novocent Pro*/ Novocent Protekt**

15100-15603

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
- J-Tip guide wire (Nitinol / Stainless Steel)
- Dilator
- Luer lock syringe
- Scalpel
- Catheter holder
- Catheter holder clamp



Common Features

- Central Venous Catheter made of bio-compatible 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 free flexible guidewire made up of Nitinol with J-Tip & lipid resistant three way stop cock

**Novocent Protekt available with needle free connector which provides closed system, kink free flexible guidewire made up of Nitinol with J-Tip & lipid resistant three way stop cock

Also available with:



Guiding Syringe



Needle Free Connector

| Sr. No. | Generic Name of Device | Brand Name of Device | Product Code |
|---------|---|----------------------|--|
| 1 | Central Venous Catheter Single Lumen | Novocent | 15001-15025, 15031-15049, 15350 |
| | | Novocent pro | 15500-15523, 18000-18015, 15200-15223 |
| | | Novocent protekt | 17000-17023, 18050-18064 |
| 2 | Central Venous Catheter Double Lumen | Novocent | 15050-15069, 15071, 15085-15099, 15361-15363 |
| | | Novocent pro | 15530-15550, 18020-18034, 15225-15245 |
| | | Novocent protekt | 17030-17050, 18070-18082 |
| 3 | Central Venous Catheter Triple Lumen | Novocent | 15100-15117, 15150-15163 |
| | | Novocent pro | 15560-15579, 18040-18048, 15246-15265, 15280-15281 |
| | | Novocent protekt | 17055-17073, 18085-18093 |
| 4 | Central Venous Catheter Quintuple Lumen | Novocent | 17271-17272 |
| | | Novocent pro | 15266-15277, 15601-15612 |
| | | Novocent protekt | 17260-17270, 18100-18102, 18110-18112 |

Central Venous Catheters Sizes

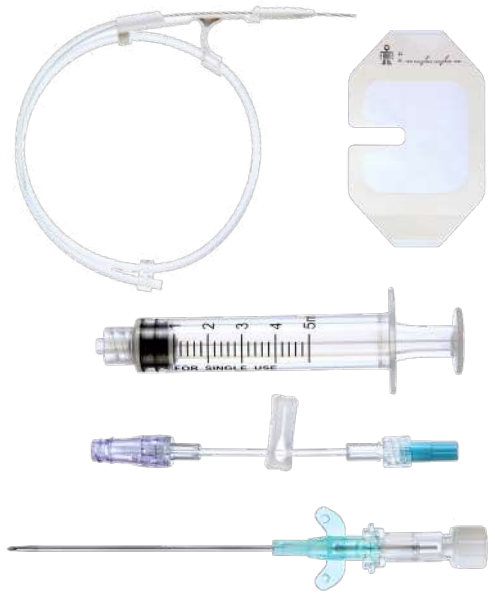
| PRODUCT DESCRIPTION | | | INDWELLING CATHETER | GUIDE WIRE | | |
|---------------------|--------------|--------------------------|----------------------------------|--------------|--------------------|----------------|
| Variant | Novocent Pro | Novocent | Specification (Sizes) | Length (mm) | Diameter (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 |

Poly Lead-OTN

13440-13531

Mini Mid Lines - Over the Needle

- Mini-Mid Line kit Over-the-needle is suitable for “difficult insertion vascular access”
- Soft flexible kink resistant straight Nitinol Guide wire for conversion into a over-the wire
- Made of bio-compatible radio opaque Polyurethane material providing strength during insertion
- Specially designed soft tip for smooth & easy insertion of catheter
- Needle free connector provides closed system



Compatible with Power injectors upto 300 PSI

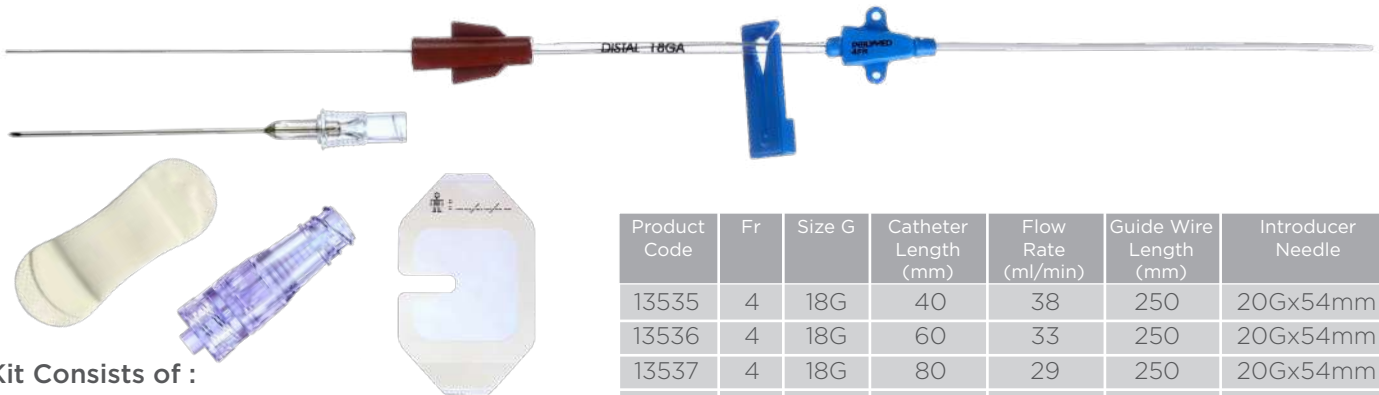
| Gauge | Color | Catheter O.D.mm | Flow Rate (ml/min) | | |
|-------|--------|-----------------|--------------------|------|------|
| | | | 60mm | 70mm | 80mm |
| 14G | Orange | 2.0 | 295 | 290 | 285 |
| 16G | Grey | 1.7 | 190 | 185 | 180 |
| 17G | White | 1.5 | 125 | 120 | 115 |
| 18G | Green | 1.3 | 80 | 75 | 70 |

Poly Lead-OTW

13535-13539, 13580-13586

Mini Mid Lines - Over the Wire

- Radio-opaque Polyurethane 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
- Needle Free Connector

Compatible with Power injectors upto 300 PSI

| Product Code | Fr | Size G | Catheter Length (mm) | Flow Rate (ml/min) | Guide Wire Length (mm) | Introducer Needle |
|--------------|----|--------|----------------------|--------------------|------------------------|-------------------|
| 13535 | 4 | 18G | 40 | 38 | 250 | 20Gx54mm |
| 13536 | 4 | 18G | 60 | 33 | 250 | 20Gx54mm |
| 13537 | 4 | 18G | 80 | 29 | 250 | 20Gx54mm |
| 13538 | 4 | 18G | 120 | 26 | 400 | 20Gx54mm |
| 13539 | 3 | 20G | 40 | 18 | 250 | 20Gx54mm |
| 13580 | 3 | 20G | 60 | 14 | 250 | 20Gx54mm |
| 13581 | 3 | 20G | 80 | 12 | 250 | 20Gx54mm |
| 13582 | 3 | 20G | 120 | 8 | 400 | 20Gx54mm |
| 13583 | 2 | 22G | 40 | 15 | 250 | 20Gx42mm |
| 13584 | 2 | 22G | 60 | 12 | 250 | 20Gx42mm |
| 13585 | 2 | 22G | 80 | 10 | 250 | 20Gx42mm |
| 13586 | 2 | 22G | 120 | 6 | 400 | 20Gx42mm |

HEALTHPICC

PICC Lines

Peripherally Inserted Central Catheter

A wide range of POWER CATHETERS and components aligned to the latest clinical procedures for an easy and safe

Intended Use

HealthPICC identifies a range of catheters suitable for central venous system's access through arm's deep veins. It is recommended for short and long therapies, allowing the venous infusion of liquids, drugs, nutritional therapies and blood samples withdrawal

All HealthPICC catheters are suitable for high-flow rate injection of contrast media ("Power injection")



Features

Power Injectable Catheters

All HEALTHPICC catheter are made of Polyurethane and suitable for high-pressure injections (max flow rate as reported in the table below)

Kit contents

- HEALTHPICC catheter marked every centimetre
- Stylet
- Stylet holder and T-connector
- 21GA echogenic needle
- Nitinol straight guidewire
- Dilator/Introducer
- MicroCLAVE^{®1} neutral connector
- Grip-Lok^{®2} suture-less adhesive
- Safety scalpel
- Paper ruler
- Instructions for use
- Patient implant card

ECG-compatible for catheter's tip correct placement

Reverse tapered

For an easy and safe implant procedure reducing bleeding risk. Reverse tapering provides excellent kinking resistance too

| CODE | Lumen | Catheter diameter (FR) | Catheter material | Catheter length (mm) | Gravity flow rate ^a (ml/min) | Maximum flow rate ^b (ml/s) | Revers tapering | Depth marks |
|--------------|--------|------------------------|-------------------|----------------------|---|---------------------------------------|-----------------|-------------|
| 201.60.10.13 | Single | 3 | Polyurethane | 450 | 8 | 2 | Yes | Yes |
| 201.60.10.14 | Single | 4 | Polyurethane | 550 | 22 | 5 | Yes | Yes |
| 201.60.10.15 | Single | 5 | Polyurethane | 550 | 39 | 7 | Yes | Yes |
| 201.60.10.24 | Double | 4 | Polyurethane | 450 | 4 | 2 | Yes | Yes |
| 201.60.10.25 | Double | 5 | Polyurethane | 500 | 10 | 5 | Yes | Yes |
| 201.60.10.36 | Triple | 6 | Polyurethane | 550 | 13 (Power lumen) 5 (other lumens) | 5 ^c | Yes | Yes |

(a) Gravity infusion from a height difference of 1m

(b) Maximum flow rate with limiting pressure of 300 psi, medium viscosity of 12cP

(c) Only one lumen is Power injectable for the 6FR catheter

HEALTH PICC

PICC Lines

Micro - Introduction Kit

| REF | Description | Introducer Needle | Dilator / Introducer | Guidewire |
|--------------|--------------------------|-------------------|----------------------|---------------|
| 201.60.51.03 | introducer Set 3FR short | 21GA x 40 mm | 4FR x 50 mm | 0.45 x 400 mm |
| 201.60.51.04 | introducer Set 4FR short | 21GA x 40 mm | 4.5FR x 50 mm | 0.45 x 400 mm |
| 201.60.51.14 | introducer Set 4FR | 21GA x 70 mm | 4.5FR x 70 mm | 0.45 x 400 mm |
| 201.60.51.15 | introducer Set 5FR | 21GA x 70 mm | 5.5FR x 70 mm | 0.45 x 400 mm |
| 201.60.51.06 | introducer Set 6FR | 21GA x 70 mm | 6FR x 70 mm | 0.45 x 400 mm |

HEALTHMID

Peripherally inserted
Venous Catheters



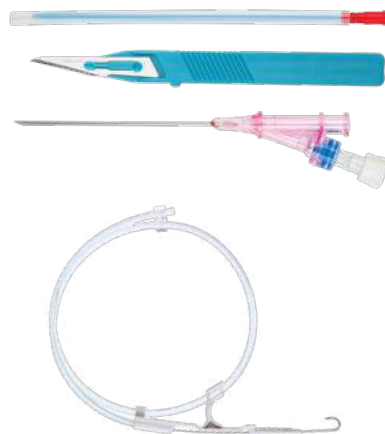
NOT FOR CENTRAL
VENOUS ACCESS

Reverse Tapering

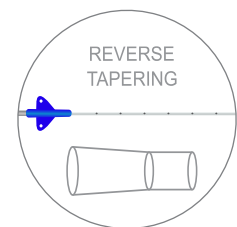
For an easy and safe implantation procedure; reducing risk of bleeding
Reverse tapering also offers an excellent resistance to kinking

Complete introducer set

- HEALTHMID Catheter
- Micro:introducer needle
- Needle free connector
- Paper ruler
- No CVC Label
- Straight Nitinol guidewire
- MicroCLAVE*
- Grip-Lok*
- Dilator-Introducer
- Instruction for use
- Scalpel



Needle Free
Connector



Power injectable catheters

All catheter versions are power injectable ; maximum contrast medium flow rates are specified in the REF table below

Max injector pressure: V300psi

Max fluid density: 12cP

Pre:heating of contrast medium to 37°C is recommended



1 MicroCLAVE® is a registered trademark of ICU Medical, Inc.
2 Grip-Lok® is a registered trademark of TIDI Products, LLC.

Safety Introducer Needle

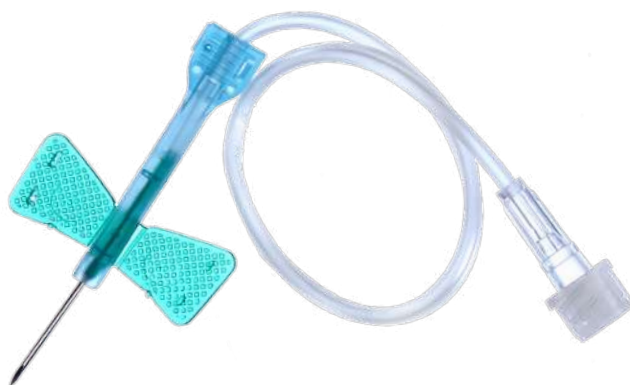
- Suitable for insertion of Pheripherally Inserted Central Catheter (PICC) Line and Central Venous Catheters
- Needle Safety guard provided to reduce needle stick injuries
- Uniquely designed Needle Safety guard prevents blood spillage
- Echogenic - Ultrasound guided clear needle tip visualization for safe and accurate needle placement
- Length: 40mm & 70mm
- PVC Free, DEHP Free, Latex Free
- Sizes: 18G & 21G (Echogenic)



Safety Winged Infusion Set

13400-13409

- Safety winged infusion set with short, atraumatic sharp needle
- Safety needle shield minimizes the risk of needle stick injuries
- Color coded flexible wings
- Sizes : 18G to 27G
- **Also available with luer adapter for safe blood collection**



Needle Safety
Shield

Arterial Blood Collection Syringe

91328-91329

- Arterial Blood Collection syringe is used for blood collection by manual aspiration from arteries
- Arterial Blood Collection Syringes are Needle free and contain Calcium balanced Lithium Heparin coating for anti-coagulation on the inside wall of syringe
- Black Rubber Tip Cap protects from contamination.
- Gamma Sterile
- Product is made from bio-compatible and non-reactive materials with blood
- PVC Free, DEHP Free, Latex Free
- Sizes: 1ml & 3ml



Auto Disable Syringe

91351-91359

- Auto Disable Syringe is a self-locking syringe primarily used for administering vaccination and medication
- Prevents the spread of blood borne diseases
- Auto-disable mechanism breaks the plunger upon its first use, making repeated use impossible
- Great for quick care and keeping things sterile
- Cover to help prevent unintentional pokes
- Doctors can use item once then throw it away
- Size Available : 23G, 0.5 ml
- Needle OD : 0.63
- Length - 25, +1.5/-2.5



Polyswab

90309, 90313

Disinfecting Cap

- Provides instant active and efficient disinfection
- Compatible with all needle free and luer access systems
- Eliminates inter-personal variation in compliance of 'scrub the hub' method of disinfection and saves nursing time
- Ergonomic design for smooth usage
- PVC Free, Latex Free, DEHP Free
- Gamma Sterile
- Available in Single pack & Multi pack
- Provide active disinfection for 7 days if not removed
- **Options available :**
 - 70 % Isopropyl alcohol



Strip available of 10 pcs.

*Also available in single piece packaging

Extension Lines



13119-13124, 13149-13481

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/meter
- Tube dia : I Ø 1.0 mm & O Ø 3.0 mm
- Tube Length : 20, 25, 50, 60, 100, 150, 200, 300
- DEHP Free
- **Also available with photosensitive tubing**

13180-13202

Low Pressure Extension Line

- Extension line suitable for low pressure applications
- Kink resistant PVC tubing
- For pressure up to 4.5 bar (65 psi)
- Priming volume : 6.46 ml/meter
- Tube dia : I Ø 3.0 mm & O Ø 4.1 mm
- Tube Length : 25, 50, 100, 150 & 200
- DEHP Free



13240-13244, 13249, 13331-13333

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 length : 10, 25, 30, 50, 85, 100, 120, 150, 200, 300, 400
- Priming volume 0.84 ml/meter



13130-13133, 13135, 13245-13248

PVC Free High Pressure Extension Line (Coiled)

- Kink resistant PE tubing
- For pressure up to 55 bar (800 psi)
- Tube length : 200 cm, 300 cm & 400 cm
- Tube dia : I Ø 1.0 mm & O Ø 2.0 mm
- Priming volume 0.84 ml/meter

Extension Lines with Needle Free Connectors

13340-13346

Micropolysyte

- Neutral displacement connector
- Needle free technology, designed to reduce the risk of bacterial contamination and improve patient outcome
- Split-septum technology
- Straight fluid path & minimal deadspace of 0.04 ml allows for lower flush volumes
- Swabable surface for ease of disinfection
- Allows saline flush option which eliminates the risk of Heparin Induced Thrombocytopenia (HIT)
- No latex or metal components, DEHP free, MRI compatible



Protect Syte
Mono



Protect Syte
Duo



Protect Syte
Trio

Safe Conekt

13320-13337, 13361-13362

- Negative displacement connector
- Needle free connector reduces risk of Catheter Related Blood Stream Infections (CRBSI)
- 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



Mono



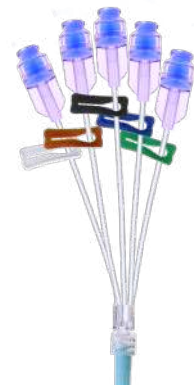
Duo



Trio



Quatro



Penta

14260-14269, 14289, 14291-14292

Autofusion Set

I.V. Infusion Set Double Chamber with 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
- Reduces spillage and wastage of I.V. fluid

14296, 14263, 14290, 14293-14294

Autofusion Nuovo Set

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



Features and Benefits

- Clear spike compatible with I.V. bottles
- Unique designed ring in drip chamber for secure gripping (only for Autofusion set)
- 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
- Standard tube length: 180 cms
- Latex Free, DHP Free
- **Also available with “Y” injection port (Latex free), Back check valve, Needle free Y-site & Stop cock**

14024, 14138, 14158, 14174

Novofusion BCV Set

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



14120-14154, 14165-14168, 14370-14377

Novofusion Set

I.V. Infusion Set with Airvent



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 : 150 cms
- Tube dia : I Ø 3 mm & O Ø 4.1 mm

14155-14156

Polyfusion W

I.V. Infusion Set with Airvent & Winged Spike



- Sharp and Winged spike for easy insertion
- Approximately 20 drops/ml

140001-140013

Polyfusion

I.V. Infusion Set with Airvent Spike



- Approximately 20 drops/ml

Features

- 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
- DEHP Free

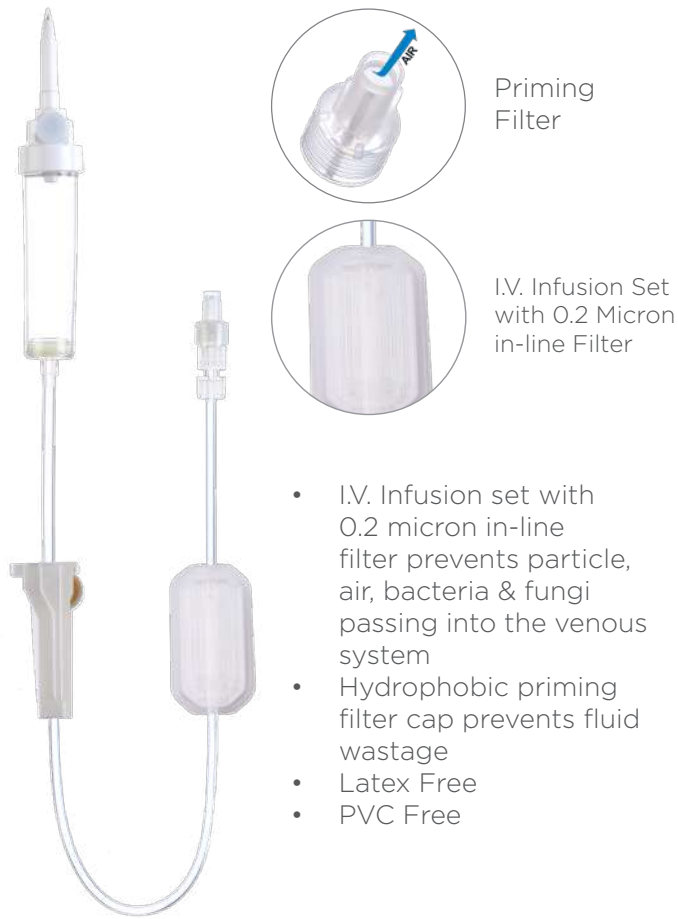
Features

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

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 wastage
- Latex Free
- PVC Free

14230, 14235

Photofusion Set

I.V. Infusion Set for Photosensitive Drugs



- Protects light sensitive drugs from UV exposure
- UV resistant tubing minimizes photo degradation of the active ingredients of various drugs
- Hydrophobic priming filter cap to prevent fluid wastage
- Latex Free
- DEHP Free



Luer Lock



Rotating Luer Lock



Needle Free Y-Site

Also available with

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

14270-14272

Ultrafusion Set

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



14060-14073

Microfusion Set

I.V. Infusion Set with Micro Drip



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



Luer Lock



Rotating Luer Lock



Needle Free Y-Site

14280-14282

Polytrol - Micro Set

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



Needle Free Y-Site

- 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
- DEHP Free

13150-13166

Polyflo Novo

I.V. Flow Regulator Extension Sets



Needle Free Y-Site



Also available with Dual Scale

- 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
- Standard tube length : 20 cm without “Y” site & 40 cm with “Y” site
- Latex Free
- DEHP Free

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

14500-14543

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
- 15 micron fluid filter in the drip chamber
- Soft and kink resistant PVC tubing
- Tube dia : I Ø 3 mm & O Ø 4.1 mm
- Sizes : 100 ml, 110 ml & 150 ml
- Standard Tube length : 150 cm
- DEHP free
- Latex free

Options Available:

- Luer lock or Rotating luer lock
- "Y" injection port (latex free)



Luer Lock



Rotating Luer Lock



Needle Free Y-Site



Latex Free Y-Site



Manifolds

- Suitable for 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
- Lipid resistant

13711-13715, 13721-13725, 13727-13751

Also available
with Needle
free connectors
&
Extension line



2 Ways



3 Ways



4 Ways



5 Ways



6 Ways

Needle Free Connectors - Standalone Micropolysyte

13347

- Neutral displacement connector
- Needle free technology, designed to reduce the risk of bacterial contamination and improve patient outcome
- Split-septum technology
- Straight fluid path & minimal deadspace of 0.04 ml allows for lower flush volumes
- Swabable surface for ease of disinfection
- Allows saline flush option which eliminates the risk of Heparin Induced Thrombocytopenia (HIT)
- No latex or metal components, DEHP free, MRI compatible



Safe Conekt

13363

- Negative displacement connector
- Needle free connector reduces risk of Catheter Related Blood Stream Infections (CRBSI)
- 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
- Safe & secure connection to luers of other systems
- 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 Needle Free I.V. Connectors to help you meet your clinical needs.

Polyflush

90311, 90315-90319

Pre-filled Saline Syringes

- Polyflush provides safety to the healthcare professionals by reducing the risk of needle stick injuries unlike conventional systems
- Avoids catheter damage as syringe diameter is inversely related to pressure generated at the distal end of syringe. Smaller diameter syringes generate greater amounts of pressure than larger diameter syringes and can risk catheter damage
- Gamma sterilized
- **Also available in Single sterile & Double sterile version**



All sizes with consistent 10 ml syringe diameter

| | | |
|-------|---|------------------|
| 90315 | Pre-filled Syringe with 0.9% Sodium Chloride -10mL | Double Sterile* |
| 90316 | Pre-filled Syringe with 0.9% Sodium Chloride - 5mL | |
| 90317 | Pre-filled Syringe with 0.9% Sodium Chloride - 3mL | |
| 90318 | Pre-filled Syringe with 0.9% Sodium Chloride - 10mL | Single Sterile** |
| 90319 | Pre-filled Syringe with 0.9% Sodium Chloride - 5mL | |
| 90311 | Pre-filled Syringe with 0.9% Sodium Chloride - 3mL | |

* Double Sterile - Sterile fluid path + Sterile syringe

** Single Sterile - Sterile fluid path

13080-13085

Obturator

Stylet / Mandarin with Luer Lock

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



13134, 13265

T-Type Extension Set

- Extension Tube T-Type
- Tube Length : 15 cm
- **Also available with Luer lock & Luer slip**



Polyway

Three Way Stop Cock

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



13001-13003



13004-13006



13007-13009

13001-13009

13023-13025, 13505-13506

Polyway Pro

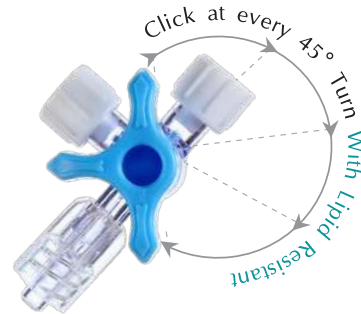
Three Way Stop Cock
Lipid resistant



13026, 13058, 13600

Polyway Pro Click

Three Way Stop Cock
Lipid resistant
with 45° Click



Common features

- For multiple infusions
- 360° rotation
- For pressure up to 5.5 bar

13040-13045, 13050-13611, 13230-13060, 13070-13075

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 : 7, 10, 15, 20, 25, 30, 50, 80, 100, 150 & 200 cm
- Tube dia : I (Ø 3 mm) & O (Ø 4.1 mm)
- **Available with rotating Luer Lock**



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

Polyspike

Vial Access Spike

With Snap-fit Cap

| Product Code | Fluid Filter | Air Filter | Nature of Use |
|--------------|--------------|------------|------------------------|
| 13491 | 5µ | 0.1µ | Chemotherapeutic Drugs |
| 13490 | 5µ | 0.1µ | Normal Drugs |
| 13068 | NA | 0.1µ | Normal Drugs |

13068, 13490-13496, 13550-13561



With Needle free connector

| Product Code | Fluid Filter | Air Filter | Nature of Use |
|--------------|--------------|------------|------------------------|
| 13494 | 5µm | 0.1µm | Chemotherapeutic Drugs |
| 13493 | 5µm | 0.1µm | Normal Drugs |
| 13492 | NA | 0.1µm | Normal Drugs |

13565-13569



Polyspike V-Plus

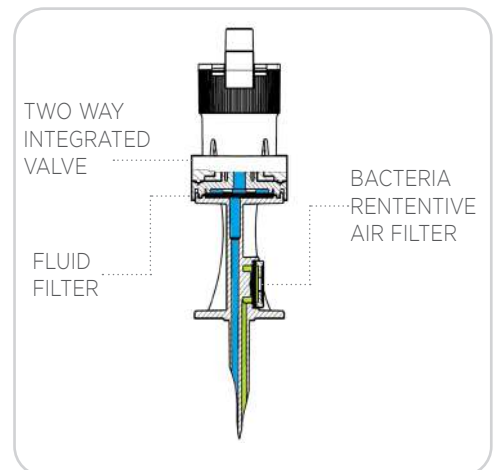
Vial Access Spike with Integrated Valve

- Integrated valve prevents free flow when the system is turned upside down.

| Product Code | Fluid Filter | Air Filter | Nature of Use |
|--------------|--------------|------------|------------------------|
| 13565 | 5µm | 0.2µm | Chemotherapeutic Drugs |
| 13566 | 5µm | 0.1µm | Normal Drugs |
| 13567 | 5µm | 0.45µm | Normal Drugs |
| 13568 | NA | 0.1µm | Normal Drugs |
| 13569 | NA | 0.45µm | Normal Drugs |

Common Features :

- Vented spike for withdrawing fluids from vials or semi-rigid containers
- Uniform smooth bore permits maximum infusion flow
- Enhanced accurate drug administration practice with minimum priming volume
- Safety Snap Cap provides barrier against contamination
- Red color coded Polyspike is compatible with chemotherapeutic material used in anti-cancer intravenous drug therapy
- Bacteria retentive air filter neutralizes negative pressure developed in vial during withdrawal of drugs
- Female luer fitting provides leak proof connection
- Leak proof up to 1 bar
- PVC Free, DEHP Free, Latex Free



Healthport

Implantable port

For chemotherapy, analgesic therapy, antibiotic therapy and other solutions, injections and infusions of blood components and derivatives, repetitive drawing of blood samples.

The system is:

SAFE

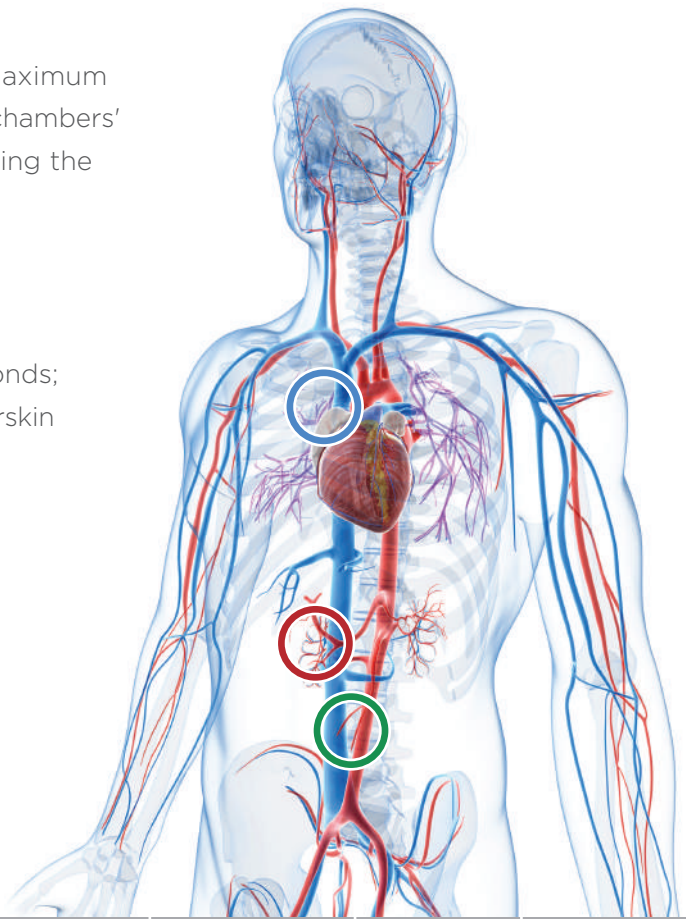
High quality materials and accurate design assure maximum reliability. Robust chambers are leak proof; on all the chambers' models the inner reservoir is made of Titanium, ensuring the highest durability and drug compatibility.

SIMPLE

Catheter connection can easily be done in a few seconds; chamber shapes allow easy introduction into the underskin pocket.

VERSATILE

Wide choice of chamber models and catheter sizes make the Healthport system appropriate for all the patients, users and clinical requirements.



| | ETI | LP | PLP | POWER TI | POWER PLP | miniMAX | FOCUS DC |
|-----------------|-----|----|-----|----------|-----------|---------|----------|
| VENOUS SYSTEM | ● | ● | ● | ● | ● | ● | ● |
| SPINAL SYSTEM | ● | | | | | | |
| ARTERIAL SYSTEM | ● | | | | | | |

ETI Easy to Implant

Implantable port



- Small chamber
- Wedge-shaped for easy insertion into underskin pocket
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability

Specifications

Chamber

| | |
|-----------------------|------------------------------|
| Material: | Titanium |
| Shape and dimensions: | Wedge - base 27.5 mm x 19 mm |
| Height: | 10.5 mm |
| Weight: | 10.5 g |
| Internal volume: | 0.53 ml |

Septum

| | |
|----------------------------------|--|
| Material: | Silicone |
| Diameter available for puncture: | 12.8 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle 1000 with 19 GA Huber needle |

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres

All-in-One

| REF | Catheter description | int ø mm | ext ø mm | FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|-----|-----------|-----------|
| 201.17.12.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.17.12.31 | Silicone | 1.5 | 2.7 | 8 | 780 | 1.37 |
| 201.17.12.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector
- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

Standard

| REF | Catheter description | int ø mm | ext ø mm | FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|-----|-----------|-----------|
| 201.17.10.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.17.10.31 | Silicone | 1.5 | 2.7 | 8 | 780 | 1.37 |
| 201.17.10.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

Venous Introducer Set

| REF | | Colour Code |
|--------------|-----------------------|-------------|
| 201.51.10.21 | Introducer set 6.5 FR | Red |
| 201.51.10.31 | Introducer set 9 FR | Blue |
| 201.51.10.41 | Introducer set 5 FR | Yellow |

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

LP Low Profile

Implantable port



- Small chamber
- Circular (dome) shape for maximum stability of the chamber-risk of “flipping” minimized
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability

Specifications

Chamber

| | |
|-----------------------|--------------------------------|
| Material: | Titanium |
| Shape and dimensions: | Circular - base diameter 26 mm |
| Height: | 10.2 mm |
| Weight: | 8.5 g |
| Internal volume: | 0.53 ml |

Septum

| | |
|----------------------------------|--|
| Material: | Silicone |
| Diameter available for puncture: | 12.8 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle 1000 with 19 GA Huber needle |

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres

All-in-One

| REF | Catheter description | int ø mm | ext ø mm | ext ø FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.15.12.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.15.12.31 | Silicone | 1.5 | 2.7 | 8 | 780 | 1.37 |
| 201.15.12.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector
- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

Standard

| REF | Catheter description | int ø mm | ext ø mm | ext ø FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.15.10.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.15.10.31 | Silicone | 1.5 | 2.7 | 8 | 780 | 1.37 |
| 201.15.10.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

Venous Introducer Set

| REF | | Colour Code |
|--------------|-----------------------|-------------|
| 201.51.10.21 | Introducer set 6.5 FR | |
| 201.51.10.31 | Introducer set 9 FR | |
| 201.51.10.41 | Introducer set 5 FR | |

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

PLP Plastic Low Profile

Implantable port



- Low profile plastic chamber, also suitable for patients with thick subcutaneous fat layer
- Light weight and cost-effective
- Titanium internal chamber avoids damages induced by needle tip and avoids interactions between plastic and drugs
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter

Specifications

Chamber

| | |
|-----------------------|--------------------------------|
| Material: | Titanium + Polysulphone |
| Shape and dimensions: | Circular - base diameter 27 mm |
| Height: | 10.6 mm |
| Weight: | 5.9 g |
| Internal volume: | 0.36 ml |

Septum

| | |
|----------------------------------|------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 13 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle |
| | 1000 with 19 GA Huber needle |

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres

All-in-One

| REF | Catheter description | int ø mm | ext ø mm | ext ø FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.22.12.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.22.12.31 | Silicone | 1.5 | 2.7 | 8 | 780 | 1.37 |
| 201.22.12.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |
| 201.22.12.20 | Polyurethane | 1.3 | 2.0 | 6 | 600 | 0.63 |
| 201.22.12.33 | Polyurethane | 1.6 | 2.7 | 8 | 600 | 1.21 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector
- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

Standard

| REF | Catheter description | int ø mm | ext ø mm | ext ø FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.22.10.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.22.10.31 | Silicone | 1.5 | 2.7 | 8 | 780 | 1.37 |
| 201.22.10.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

Venous Introducer Set

| REF | | Colour Code |
|--------------|-----------------------|-------------|
| 201.51.10.21 | Introducer set 6.5 FR | |
| 201.51.10.31 | Introducer set 9 FR | |
| 201.51.10.41 | Introducer set 5 FR | |

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

POWER TI

Health Port Power



- Chamber specifically designed to be used for High-flow Injections of contrast media
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter
- Entire line (extension+huber needle) tested by Independent Lab

Specifications

Chamber

| | |
|-----------------------|-------------------------------|
| Material: | titanium + polysulphone |
| Shape and dimensions: | wedged - base 25 mm x 26.9 mm |
| Height: | 13 mm |
| Weight: | 12 g |
| Internal volume: | 0.82 ml |

Septum

| | |
|----------------------------------|------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 13 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle |
| | 1000 with 19 GA Huber needle |

Max Flow Rate = 5 ml/s with max Pressure 300 PSI, Max Viscosity 12 cP

POWER PLP



- Chamber specifically designed to be used for High-flow Injections of contrast media
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter
- Low profile plastic chamber, also suitable for patients with thick subcutaneous fat layer

Specifications

Chamber

| | |
|-----------------------|--------------------------------|
| Material: | Titanium + polysulphone |
| Shape and dimensions: | Circular - base diameter 27 mm |
| Height: | 10.6 mm |
| Weight: | 5.9 g |
| Internal volume: | 0.36 ml |

Septum

| | |
|----------------------------------|------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 13 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle |
| | 1000 with 19 GA Huber needle |

Max Flow Rate = 5 ml/s with max Pressure 300 PSI, Max Viscosity 12 cP

POWER

HealthPort Power

| Catheter | OD (Fr) | OD (mm) | ID (mm) | Length (mm) | Flow rate* (ml/min) | | Maximum flow rate (ml/s): limiting pressure 300 PSI, viscosity 12 cP** | | | Recommended maximum flow rate (ml/s) | |
|--------------|---------|---------|---------|-------------|---------------------|-----|--|-----|-----|--------------------------------------|----------|
| | | | | | 22G | 19G | 22G | 20G | 19G | 22G | 20 - 19G |
| POWER TI | | | | | | | | | | | |
| Polyurethane | 6 | 2.00 | 1.35 | 600 | 8 | 22 | 3 | 6 | 7 | 2 | 5 |
| Silicone | 8 | 2.70 | 1.30 | 600 | 7 | 21 | 3 | 6 | 7 | 2 | 5 |
| Polyurethane | 8 | 2.70 | 1.60 | 600 | 8 | 24 | 3 | 7 | 7 | 2 | 5 |
| POWER PL | | | | | | | | | | | |
| Polyurethane | 6 | 2.00 | 1.35 | 600 | 8 | 22 | 3 | 6 | 5 | 2 | 5 |
| Silicone | 8 | 2.70 | 1.30 | 600 | 7 | 21 | 3 | 6 | 6 | 2 | 5 |
| Polyurethane | 8 | 2.70 | 1.60 | 600 | 8 | 24 | 3 | 7 | 7 | 2 | 5 |

*Gravity infusion from a height difference of 1 m, Huber needles of 22 and 19 G respectively and catheter length of 450 mm.

**Maximum flow rate with limiting pressure of 300 PSI, medium viscosity of 12 cP, catheter length of 450 mm and Huber needle length of 25.4 mm.

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres

All-in-One

POWER TI

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.23.12.30 | Silicone | 1.3 | 2.7 | 8 | 600 | 0.61 |
| 201.23.12.20 | Polyurethane | 1.3 | 2.0 | 6 | 600 | 0.63 |
| 201.23.12.33 | Polyurethane | 1.6 | 2.7 | 8 | 600 | 1.21 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector
- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

POWER PLP

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.24.12.30 | Silicone | 1.3 | 2.7 | 8 | 600 | 0.61 |
| 201.24.12.20 | Polyurethane | 1.3 | 2.0 | 6 | 600 | 0.63 |
| 201.24.12.33 | Polyurethane | 1.6 | 2.7 | 8 | 600 | 1.21 |

Standard

POWER TI

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.23.10.30 | Silicone | 1.3 | 2.7 | 8 | 600 | 0.61 |
| 201.23.10.20 | Polyurethane | 1.3 | 2.0 | 6 | 600 | 0.63 |
| 201.23.10.33 | Polyurethane | 1.6 | 2.7 | 8 | 600 | 1.21 |

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

POWER PLP

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Length mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.24.10.30 | Silicone | 1.3 | 2.7 | 8 | 600 | 0.61 |
| 201.24.10.20 | Polyurethane | 1.3 | 2.0 | 6 | 600 | 0.63 |
| 201.24.10.33 | Polyurethane | 1.6 | 2.7 | 8 | 600 | 1.21 |

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

Venous Introducer Set

| REF | Colour Code |
|--------------|-----------------------|
| 201.51.10.21 | Introducer set 6.5 FR |
| 201.51.10.41 | Introducer set 5 FR |

miniMAX

Implantable Port - Mini



- Extra small chamber
- Wedge-shaped for easy insertion into underskin pocket
- Large self-sealing septum surface (in relation to overall dimensions)
- Suitable for patients with “cosmetic” needs or paediatric patients
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability

Specifications

Chamber

| | |
|-----------------------|--------------------------|
| Material: | Titanium |
| Shape and dimensions: | Wedge base 21 mm x 16 mm |
| Height: | 8.6 mm |
| Weight: | 6 g |
| Internal volume: | 0.2 ml |

Septum

| | |
|----------------------------------|------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 9 mm |
| Maximum number of punctures: | 1500 with 22 GA Huber needle |

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres

All-in-One

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Lenght mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.16.12.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.16.12.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |
| Pediatric* | | | | | | |
| 201.16.12.55 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

*Dedicated introducer needle, initial guidewire, peel away and tunneler

Package configuration



- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector
- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

Standard

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Lenght mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.16.10.21 | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |
| 201.16.10.41 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

Venous Introducer Set

| REF | | Colour Code |
|--------------|-----------------------|---|
| 201.51.10.21 | Introducer set 6.5 FR |  |
| 201.51.10.41 | Introducer set 5 FR |  |

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

Focus DC

Implantable Port - Dual Chamber



- Double chamber with independent outlet tubes
- Different diameter and height allow easy and safe identification of each chamber during skin palpation
- Suitable for simultaneous infusion of drugs that are incompatible (e.g. crystallization risk)
- Large self-sealing septums
- Titanium internal chamber avoids damages induced by needle tip and avoids interactions between plastic and drugs

Specifications

Chamber

| | |
|-----------------------|-------------------------|
| Material: | Titanium + Polysulphone |
| Shape and dimensions: | Base 50 mm x 34 mm |
| Height: | 13.9 mm - 15.4 mm |
| Weight: | 19.7 g |
| Internal volume: | 0.53 ml - 0.52 ml |

Septum

| | |
|----------------------------------|------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 12.7 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle |
| | 1000 with 19 GA Huber needle |

* For each septum

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres.


Standard

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Length mm | Volume ml |
|--------------|-------------------------|-----------|----------|----------|-----------|------------|
| 201.21.10.91 | Silicon with two lumens | Small 1.0 | 3.4 | 10.5 | 600 | Small 0.61 |
| | | Big 1.3 | | | | Big 1.3 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

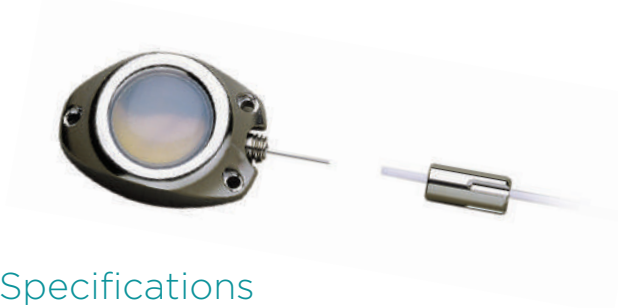
Venous Introducer Set

| REF | | Colour Code |
|--------------|----------------------|---|
| 201.21.10.91 | Introducer Set 11 FR |  |

- Peel-away dilator-introducer
- 18 GA introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneler

ETI Easy to Implant

Implantable Port - Spinal System



- Small chamber
- Wedge-shaped for easy insertion into underskin pocket
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability

Specifications

Chamber

| | |
|-----------------------|------------------------------|
| Material: | Titanium |
| Shape and dimensions: | Wedge - base 27.5 mm x 19 mm |
| Height: | 10.5 mm |
| Weight: | 10.5 g |
| Internal volume: | 0.53 ml |

Septum

| | |
|----------------------------------|------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 12.8 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle |
| | 1000 with 19 GA Huber needle |
| | |

| REF | Chamber | Catheter description | ∅ int mm | ∅ ext mm | ∅ ext GA | Length mm | Volume ml |
|--------------|---------|--------------------------------------|----------|----------|-----------|-----------|-----------|
| 201.17.10.61 | ETI | PU with open tip | 0.5 | 1.0 | 19 | 900 | 0.18 |
| 201.17.10.71 | ETI | PU with closed tip and lateral holes | 0.5 | 1.0 | 19 | 900 | 0.18 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Blunt needle
- Tuohy needle 17 GA x 80 mm
- Tunnelizer

ETI Easy to Implant

Implantable Port - Arterial System



- Small chamber
- Wedge-shaped for easy insertion into underskin pocket
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability

Specifications

Chamber

| | |
|-----------------------|-------------------------------|
| Material: | Titanium |
| Shape and dimensions: | Wedged - base 27.5 mm x 19 mm |
| Height: | 10.5 mm |
| Weight: | 10.5 g |
| Internal volume: | 0.53 ml |

Septum

| | |
|----------------------------------|---------------------------------|
| Material: | Silicone |
| Diameter available for puncture: | 12.8 mm |
| Maximum number of punctures: | 2000 with 22 GA Huber needle |
| | 1000 with 19 GA Huber needle |

| REF | Chamber | Catheter description | ø int mm | ø ext mm | ø ext FR | Lenght mm | Volume ml |
|--------------|---------|----------------------|----------|----------|------------|-----------|-----------|
| 201.17.10.51 | ETI | Silicone | 1.0 | 2.1 | 6.5 | 780 | 0.61 |

Package configuration

- Port chamber
- Catheter
- Connector
- Huber needle 22 GA x 25.4 mm
- Luer connector

PICC Ports

Thanks to arm's deep veins echo-guided venipuncture, it is now possible to combine the advantages of implantable subcutaneous chamber (PORT) with PICC's catheter introduction and placement technique.

The catheter is introduced and placed using PICC's implant technique: echo-guided venipuncture, micro-introducer set, ECG tip control. The catheter is then connected to a small PORT chamber placed in a subcutaneous pocket in the middle third of the arm.

Main indications :

- 6-12 months chemotherapies
- Anatomical hindrances to traditional ports (prosthesis, burns, tracheostomies, etc.)
- Aesthetic concerns

Main PICC-Port advantage :

- Exit-site absence
- Reduced risk of infections compared to PICC
- Reduced maintenance
- Reduced chamber visibility
- Less invasiveness and less patient perception



Specifications

| | | | |
|-----------------------|-----------------------------|----------------------------------|------------------------------|
| Chamber | | Septum | |
| Material: | Titanium | Material: | Silicone |
| Shape and dimensions: | Wedged - base 21 mm x 16 mm | Diameter available for puncture: | 9 mm |
| Height: | 8.6 mm | Maximum number of punctures: | 1500 with 22 GA Huber needle |
| Weight: | 6 g | | |
| Internal volume: | 0.2 ml | | |

Catheter with rounded tip, marked with a dot every centimetre and a number every 5 centimetres.

| REF | Catheter description | ø int mm | ø ext mm | ø ext FR | Lenght mm | Volume ml |
|--------------|----------------------|----------|----------|----------|-----------|-----------|
| 201.16.12.55 | Polyurethane | 1.1 | 1.7 | 5 | 780 | 0.74 |

Package configuration

- Port chamber
- Catheter
- Connector
- 22GA x 25.4 mm Huber needle
- Luer connector
- Straight Nitinol guidewire
- 21 GA echogenic needle
- Dilator/Introducer
- Stainless steel tunneler

Accessories

Re-sterilizable ECG cable

Re-sterilizable cable suitable for connecting the metallic stylet to the ECG monitor

REF: 201.61.65.10

1 MicroCLAVE® is a registered trademark of ICU Medical, Inc.

2 Grip-Lok® is a registered trademark of TIDI Products, LLC.

| REF | Lumen Size | Catheter Material | Catheter Length | Effective Flow Rate | Max Power | Reverse | Depth markings |
|--------------|------------|-------------------|-----------------|---------------------|-----------|---------|----------------|
| 201.62.10.13 | Single | 3FR | Polyurethane | 250mm | 2ml/s | Yes | Yes |
| 201.62.10.14 | Single | 4FR | Polyurethane | 250mm | 5ml/s | Yes | Yes |
| 201.62.10.15 | Single | 5FR | Polyurethane | 250mm | 7ml/s | Yes | Yes |
| 201.62.10.24 | Double | 4FR | Polyurethane | 250mm | 2ml/s | Yes | Yes |
| 201.62.10.25 | Double | 5FR | Polyurethane | 250mm | 5ml/s | Yes | Yes |

Packaging :

Box: 5 units

Sterile Unit: rigid PET-G blister tray sealed onto tyvek lid (primary sterile barrier), external paper pouch (secondary sterile barrier)

Intended use :

The HEALTHMID is indicated to be a venous peripherally implanted access for short to mid-term use. In order to permit intravenous administration of fluids, medications, nutritional therapy and to withdraw blood samples. The catheter should be inserted through a vein of the upper arm and is also indicated for "Power" injection of contrast media

HEALTHMID is not a CENTRAL venous catheter, the insertion is easier than a PICC because it is not requested the control of the catheter tip position

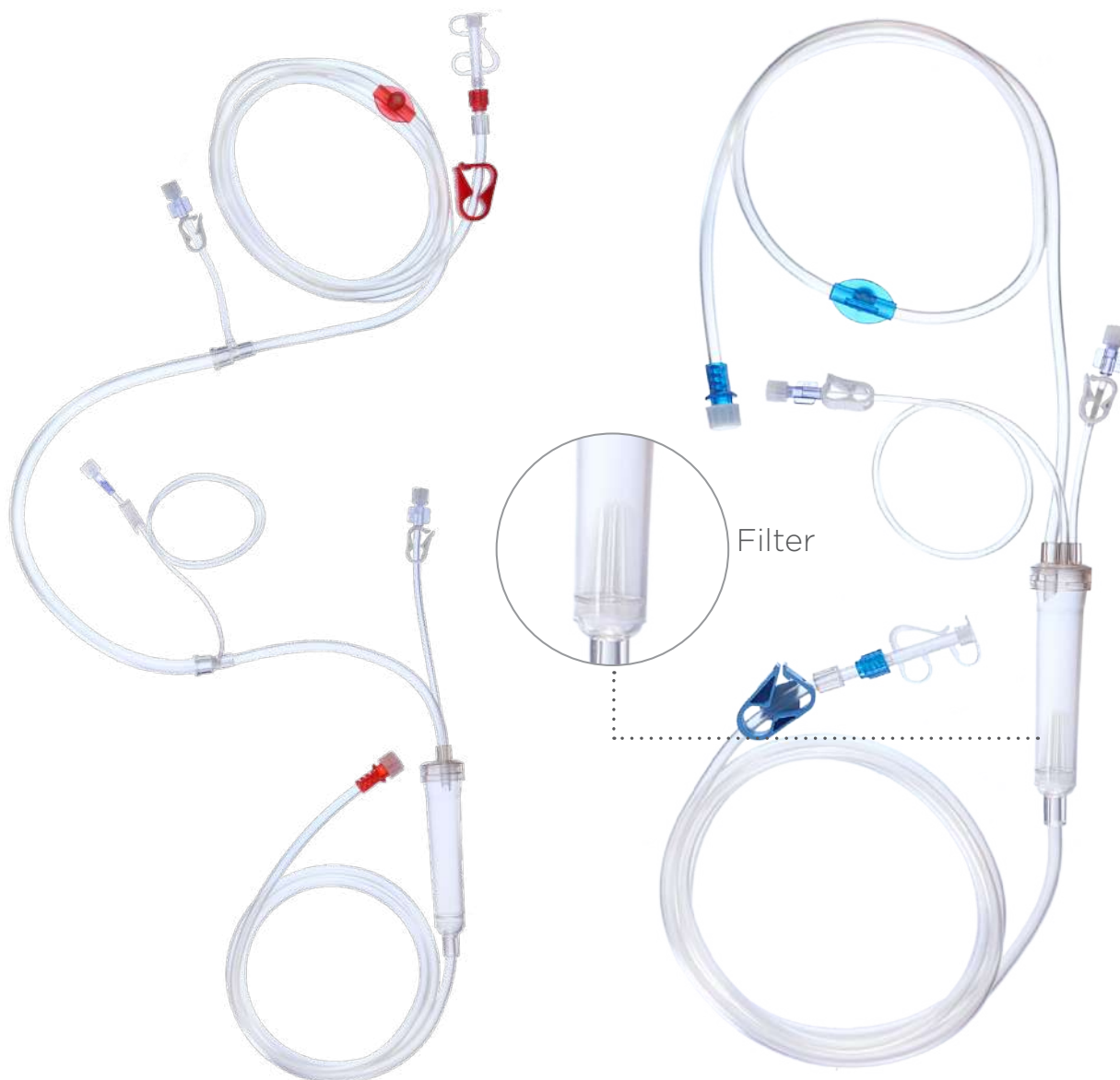
WARNING:

The use of HEALTHMID is NOT indicated to infuse fluids with osmolarity >800 mOsM/L, pH<5 and pH>9, vesicants and/or potentially irritating the endothelium

Haem-o-line

Blood Lines

70155-70157, 70179



- 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 & with Transducer protector**
- **Also available with Filter**
- **Also available with drainage bag & I.V. set**



Transducer Protector

Haem-O-Flux

90365-90371

Dialyzer



- Ultra smooth PU cut surface which ensures maximum blood clearance and increased patient safety
- Uniform distribution of pore size
- Excellent membrane bio-compatibility
- Shelf Life: 36 months
- Variants: Low, Middle & High Flux (1.3, 1.4, 1.6, 1.8)
- Optimized asymmetric PS/PES membranes

| Specifications | LFP 130 | MFP 140 | LFP 160 | LFP 180 | HFP 180 |
|-------------------------------------|--------------|--------------------|--------------|--------------|--------------|
| Ref. Code | 90365 | 90478/90396 | 90367 | 90368 | 90370 |
| Effective surface (m ²) | 1.3 | 1.4 | 1.6 | 1.8 | 1.8 |
| Dialyzer type | Low Flux | Middle Flux | Low Flux | Low Flux | High Flux |
| Priming volume | 65 | 79 | 85 | 94 | 96 |
| Internal fibre diameter (µm) | 200 | 200 | 200 | 200 | 200 |
| Fibre wall thickness (µm) | 40 | 40 | 40 | 40 | 40 |
| Membrane material | Polysulfone | Poly ether sulfone | Polysulfone | Polysulfone | Polysulfone |
| Housing material | PC | PC/PP | PC | PC | PC |
| Potting material | Polyurethane | Polyurethane | Polyurethane | Polyurethane | Polyurethane |
| Sterilization | Gamma | Gamma | Gamma | Gamma | Gamma |
| Form of treatment | HD | HD | HD | HD | HD |
| TMP max. | 600 | 600 | 600 | 600 | 600 |
| Units per box | 40 | 40 | 34 | 34 | 34 |
| UF coeff. (ml/h*mmHg) | 12 | 16 | 15 | 19 | 53 |
| Clearance QB = 200 ml/min | | | | | |
| Blood flow range (ml/min) | 150-400 | 150-400 | 200-500 | 200-500 | 200-500 |
| Urea | 185 | 230 | 190 | 197 | 215 |
| Creatinine | 171 | 197 | 176 | 182 | 207 |
| Phosphate | 128 | 165 | 139 | 147 | 187 |
| Vitamin B12 | 78 | 99 | 86 | 93 | 126 |
| Clearance QB = 300 ml/min | | | | | |
| Blood flow range (ml/min) | 150-400 | 150-400 | 200-500 | 200-500 | 200-500 |
| Urea | 241 | 232 | 248 | 258 | 272 |
| Creatinine | 214 | 197 | 227 | 232 | 259 |
| Phosphate | 169 | 166 | 176 | 188 | 235 |
| Vitamin B12 | 98 | 104 | 109 | 118 | 168 |

Clearance In Vitro, KUF, Bovine Blood, HCT 32%, Protein 60g/l, Temperature Range 37°C, in vitro data are likely to differ in vivo data due to the patient's blood composition & clinical settings

Dial-Ezee

Dialysis System

13472-13476

Dial Ezee is a dialysis system with an Intelligent Operating System to deliver dialysis treatment.

Standard Features

- 15-inch LCD touch screen
- Accurate concentration of dialysate & conductivity monitoring
- Bicarbonate dialysis with UF & conductivity profiling
- Arterial & venous pressure monitoring
- Transmembrane pressure monitoring
- Sequential & isolated ultrafiltration
- Heparin pump with safety open syringe system
- Self-testing & auto calibration
- Controlled safety air & blood level detector
- Blood leak monitoring system with photoelectric light
- Detailed alarm indicators with HELP menu
- Battery back up in case of power failure

Key Features

- Variable Dialysate Flow: 100 to 800 ml/min with incremental 1ml/min
 - Kt/V (Adequate dialysis dose finder on calculation basis)
 - Availability of Inbuilt SLED Dialysis
 - UF & Na Profiling with one touch selection
 - Ultrapure Dialysate - with Endotoxin Cut Filter
 - Dual/Single Blood Pump
 - Blood Pressure Monitor
 - Bicarbonate Cartridge Filte
- Self Testing Functions
 - Convenient & Reliable
 - Audio-Visual Alarms
 - Clinical & Service Excellence



Specifications

| Ref. Code | Product Description |
|------------------|--|
| Dial-Ezee 4143-S | Dial-Ezee Haemodialysis Machine - Basic |
| Dial-Ezee 4581-S | Dial-Ezee Haemodialysis Machine- with BPM |
| Dial-Ezee 4032-S | Dial-Ezee Haemodialysis Machine with BPM & Bi-Cart |

Technical Specifications

General Data

Dimensions 380 (W) X 400 (D) X 1380 (H) mm,
weight approx.- 80 kg

Water Supply

Water inlet pressure 1.5-6.0 bar
Water inlet temperature 5°-32°
Max. drain height 1 meter

Electrical Data

Power supply AC 220V ± 10%, 50 HZ
Current consumption 10 A Maximum

Extracorporeal Circuit

Arterial Pressure Monitoring

Display range -380 mmHg to +400 mmHg
Accuracy ±10 mmHg
Resolution 1 mmHg

Venous Pressure Monitoring

Display range -180 mmHg to +600 mmHg
Accuracy ±10 mmHg
Resolution 1 mmHg

Transmembrane Pressure Monitoring

Display range -180 mmHg to +600 mmHg
Accuracy ±20 mmHg
Resolution 1 mmHg

Arterial Blood Pump

Blood flow range 30 to 600 ml/min
Accuracy ±10 mmHg

Air Bubble Detector

By ultrasonic sound transmission
Additional optical monitoring in venous chamber

Dialysis Fluid Circuit

Range of dialysate temperature regulation 33 to 40°C
Range of dialysate flow rate regulation 100 to 800 ml/min
(incremental by 100 ml/min)
Range of UF rate regulation 0.01 to max 5.00 l/hr
Range of dialysate conductivity regulation 13.0 to 18.0 mS/cm
Range of syringe flow regulation 0 to 9.9 ml/hr with bolus
Available syringe size 10ml/ 20ml/ 30ml
Blood leak detector Photoelectric detector system
Endotoxin cut filter Available as standard

Disinfection & Cleaning Process

Rinse

Temperature / Time 37°C / 10 min

Hot Rinse recirculation

Temperature / Time 85°C / 30 min

Hot Disinfection with chemical

Temperature / Time 85°C / 45 min

Technical (Options)

Blood Pressure Monitor

Systole 30-280 mmHg
Diastole 10-240 mmHg
Accuracy 1 mmHg

Bicarbonate

Bi cart Dry

A.V. Fistula Needles Poly Protekt

91030-91038, 92000-92018

Safety Fistula Needle



Needle safety
guard



A.V. Fistula Needles

90030-90239, 90248-90249

Standard Fistula Needle



Flexible butterfly
wings



Common Features :

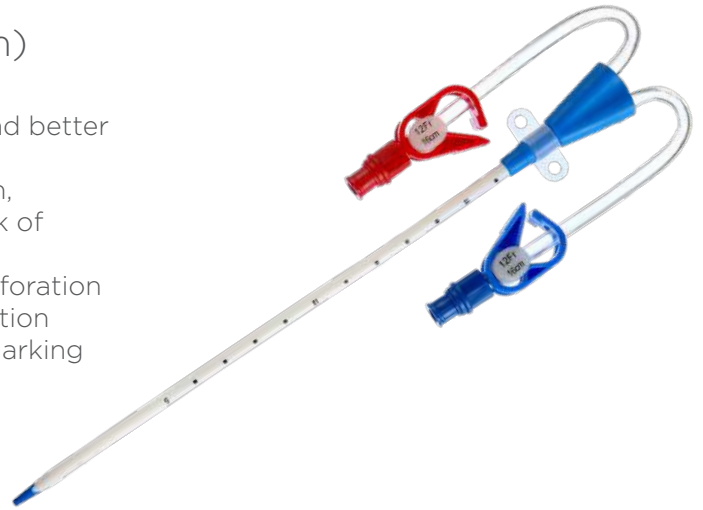
- Ultra thin walled, siliconised & sharp beveled back eyed needle to minimize trauma to the patient
- Flexible butterfly wings for better grip
- Needle with back-eye
- Soft and kink resistant medical grade PVC tubing, DEHP free
- Fistula needle length : 25 mm
- Tube length : 30 cm
- Sizes : 15G, 16G, & 17G
- **Also available with Fixed/Rotating wings**

Haemocent

13450-13477

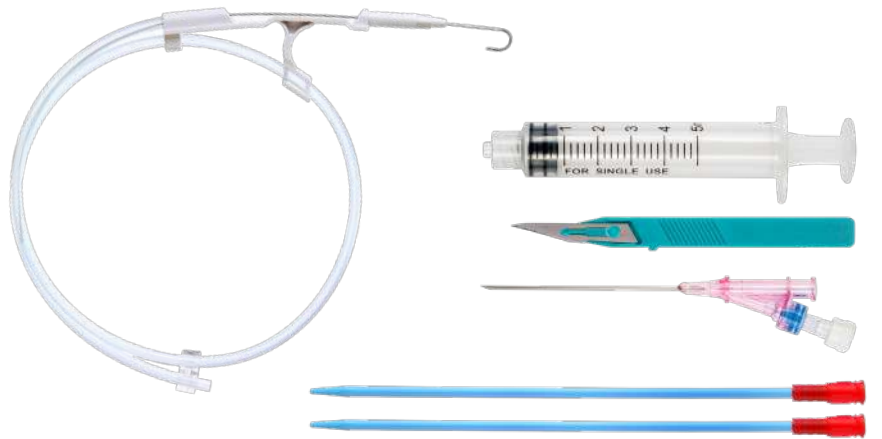
Haemodialysis Catheter Kit (Short Term)

- Indwelling catheter made of specially formulated Polyurethane ensures smooth catheter insertion and better bio-compatibility
- Catheter provides desired strength during insertion, softens at body temperature, thus reducing the risk of vascular trauma.
- Kink free Nitinol guide wire prevents the vessel perforation and also provides good torque to ensure firm insertion
- Radio-opaque catheter tip with clear graduation marking
- Y-shape introducer needle with non-return valve
- User friendly guide wire dispenser
- Silicon injection caps
- Variants: Double & Triple Lumen
- Extensions: Straight & Curved



Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- J-tip guide wire (Nitinol/Stainless Steel)
- Dilators- 2 Nos.
- Luer lock syringe
- Injection Caps- 2 Nos.
- Scalpel



| Product Description | Product Specification | | Dilator | Guidewire |
|--|-----------------------|-------------|-------------|-------------|
| | Size | Length (cm) | | |
| Lumen (Straight and Curved extensions) | 11.5FR | 13/15/20 | 12FR & 10FR | 0.035×50/70 |
| | 12FR | 13/15/16/20 | | |
| Triple Lumen | 12FR | 13/16 | 12FR & 10FR | 0.035×50/70 |

Also available with Nitinol Guide Wire (HAEMOCENT PRO)

Haemodialysis Catheter Kit

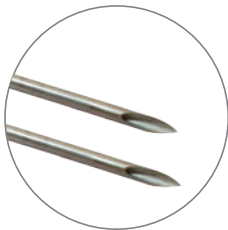
74000, 74001

ACD Bag

- Anticoagulant Citrate Dextrose bag
- Anticoagulant used during apheresis
- **Also available in 250ml & 500ml**



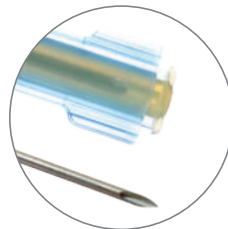
Blood Bag Systems



New Siliconised ultra thin wall needle



Advance double sided sealing



Tamper evident needle protective cover

70010-70053



| | |
|--|------------------|
| Single Blood Bag System-Sizes | |
| 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 |
| 350 x 2 + 200 ml | 450 x 2 + 200 ml |
| 350 x 2 + 300 ml | 450 x 2 + 300 ml |
| 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 |
| 350 x 2 + 300 ml x 2 | |
| 450 x 2 + 300 ml x 2 | |
| Quintuple Blood Bag System-Sizes | |
| 450 + 300 ml x 4 | |
| Transfer Bag System-Sizes | |
| 150 ml, 300 ml | 400 ml, 500 ml |
| Umbilical Cord Bag | |
| 150 ml | |
| Paediatric Bag | |
| 100 ml | |
| ACD Bag | |
| 250 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
- 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, Quadruple & Quintuple 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 aluminium 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

Blood Bag with Safety Device & Sampling Bag

71040-71068, 75040-75077,
75340-75369

- 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. 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
- **Also available in single, double, triple, quadruple & quintuple blood bag systems**



Safety
Needle Shield



Sampling Bag



Pre-attached
Luer Adapter



CPD-SAGM-TOTM Bag

72000-72036

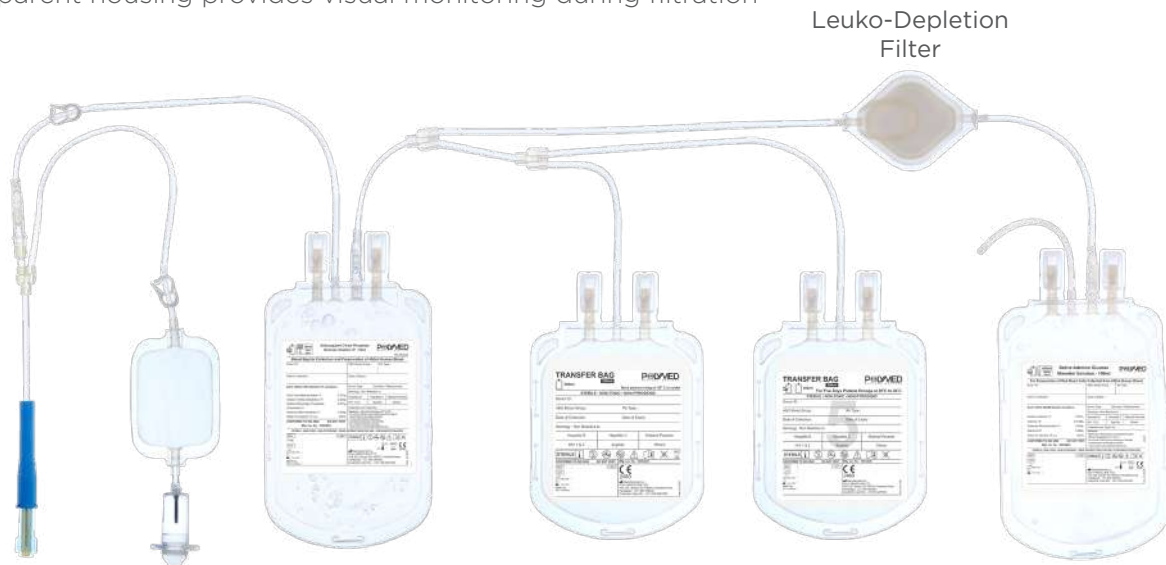
- Additive solution containing combinations of Saline, Adenine, Glucose and Manitol (SAGM) provides extended shelf life of RBC up to 42 days with increased functional viability
- TOTM (Tri-Octyl-Tri-Mellitate) Plasticised Platelet transfer bag with sufficient gas permeability is suitable for extended 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 & quintuple blood bag systems**



Blood Bag with In-Line Leuko-Depletion Filter

76000-76100

- 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



Top & Bottom Extraction Bag System

73005-73024, 72050-72053,
75400-75401, 75420-75421,
76050-76068

- 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
- **Also available in triple, quadruple & quintuple blood bag systems**



70090-70152

Haemofusor Set

Blood Administration Set with Airvent

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



Haemofusor Set (Double Chamber)

Blood Administration Double Chamber Set with Airvent & Priming Filter

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



70130

Blood Administration Sets

Blood Administration Set with Light Weight Ball

- Light weight ball facilitates Auto shut mechanism



70130-70173

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
- DEHP Free
- Latex Free
- **Also available with priming filter**



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
- Soft and kink resistant PVC tubing
- DEHP Free, Latex Free
- **Also available with rotating luer lock**



Needle Free
Y-Site



Rotating
Luer Lock



Back Check
Valve



Haemocheck

Blood Collection Tubes

Serum Tubes



| Product Code | Draw Volume | Cap Color | 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 Tube with Gel Separator



| Product Code | Draw Volume | Cap Color | Tube Size (in mm) | Additive | Packaging (Tray Pack) |
|--------------|-------------|-----------|-------------------|----------------------|-----------------------|
| 84030 | 3.0 ml | Gold | 13 x 75 | Gel + Clot Activator | 100 pcs. |
| 84031 | 3.5 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. |
| 84110 | 8.5 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 (Single wall)



| Product Code | Draw Volume | Cap Color | 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. |

Haemocheck

Blood Collection Tubes



Coagulation (Citrate) Tubes (Double wall)

| Product Code | Draw Volume | Cap Color | Tube Size (in mm) | Additive | Packaging (Tray Pack) |
|--------------|-------------|------------|-------------------|----------------------------------|-----------------------|
| 81021 | 1.8 ml | Light Blue | 13 x 75 | 3.2% Buffered Sodium Citrate 9NC | 100 pcs. |
| 81031 | 2.7 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



Hematology (EDTA K2) Tube

| Product Code | Draw Volume | Cap Color | 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 100 | 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) Tube

| Product Code | Draw Volume | Cap Color | 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

Haemocheck

Blood Collection Tubes

Glucose Estimation Tubes



| Product Code | Draw Volume | Cap Color | Tube Size (in mm) | Additive | Packaging (Tray Pack) |
|--------------|-------------|-----------|-------------------|--|-----------------------|
| 83020 | 2.0 ml | Grey | 13 x 75 | Sodium Fluoride + Na ₂ EDTA | 100 pcs. |
| 83030 | 3.0 ml | Grey | 13 x 75 | Sodium Fluoride + Na ₂ EDTA | 100 pcs. |
| 83040 | 4.0 ml | Grey | 13 x 75 | Sodium Fluoride + Na ₂ EDTA | 100 pcs. |
| 83050 | 5.0 ml | Grey | 13 x 100 | Sodium Fluoride + Na ₂ EDTA | 100 pcs. |

Description:

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

Sodium Heparin Tubes



| Product Code | Draw Volume | Cap Color | 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



| Product Code | Draw Volume | Cap Color | 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

Haemocheck

Blood Collection Tubes



CPDA Tube

| Product Code | Draw Volume | Cap Color | 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



ESR (Erythrocyte Sedimentation Rate) Tubes

| Product Code | Draw Volume | Cap Color | Tube Size (in mm) | Additive | Packaging (Tray Pack) |
|--------------|-------------|-----------|-------------------|------------------------------------|-----------------------|
| 87020 | 1.6ml | Black | 13 x 75 | 3.8% Buffered sodium citrate (4NC) | 100 pcs. |

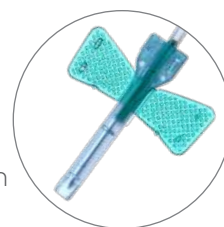
Description:

Contains 3.8% buffered sodium citrate for westergren sedimentation rate determination

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
- Color coded flexible wings



Needle Safety Shield



88280-88286

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

Standard Needle Holder

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



88220

Blood Collection Needles Multi Sample Needle

88110-88150

| Product Code | Sizes |
|--------------|----------|
| 88110 | 20G×1.5" |
| 88120 | 21G×1" |
| 88130 | 21G×1.5" |
| 88140 | 22G×1" |
| 88150 | 22G×1.5" |



88260-88265

HaemoFlash

Flashback Needle

- Instant flashback to ensure successful needle placement

| Product Code | Sizes |
|--------------|----------|
| 88263 | 21G×1" |
| 88260 | 21G×1.5" |
| 88264 | 22G×1" |
| 88261 | 22G×1.5" |
| 88262 | 23G×1.5" |
| 88265 | 23G×1" |



Flashback



Common Features

- **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



Novovac Set

90050-90059, 90125-90135

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 & 500ml



Polyvac Set

90070-90079,
90136-90139

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 : 600ml & 800ml



Common features

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

Neovac Set

90650-90651

Closed Wound Suction Unit

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

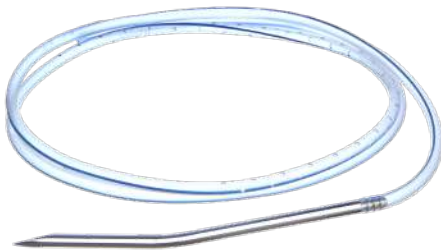


Ultravak Set

90500-90502, 90510-90526

High Pressure Vacuum Bottle with Extension Tube

- Clear transparent bottles with bold marking facilitates proper and easy reading
- Kink resistant 105 cm DEHP Free Drainage Tube
- Suitable for high pressure vacuum drainage under negative pressure for post-operative phase
- Accessory: Extension tube with clamp, vacuum indicator & bottle unit with connector
- Graduated bottle chamber available in 200 ml, 400ml, 600ml & 1000ml
- **Also available with Trocar & Redon Drain**



Trocar & Redon Drain
(Optional)



Extension Tube with Clamp

| Capacity |
|----------|
| 1000 ml |
| 600 ml |
| 400 ml |
| 200 ml |



200ml



400ml



600ml



600ml
with
marking cup



1000 ml
Triplet
System

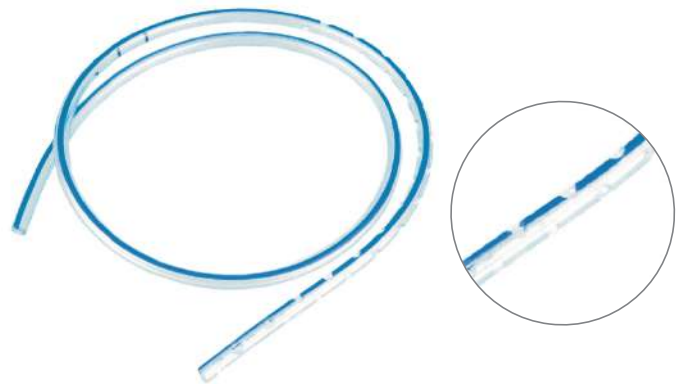


1000ml

Redon Drain

90060-90146

- Provided with radio-opaque line and smooth eyes
- Cross perforated length of tube: 15cm
- Markings on the tube at 20 cm from the distal tip
- Soft, frosted & kink resistant PVC tubing
- Length: 50, 70, 120 & 170 cm
- Sizes: 6, 8, 10, 12, 14, 16 & 18 FG
- DEHP Free



Polyseal

90320-90340

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
- 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



Also available with
700 ml for Kids

Ultra Cath Novo

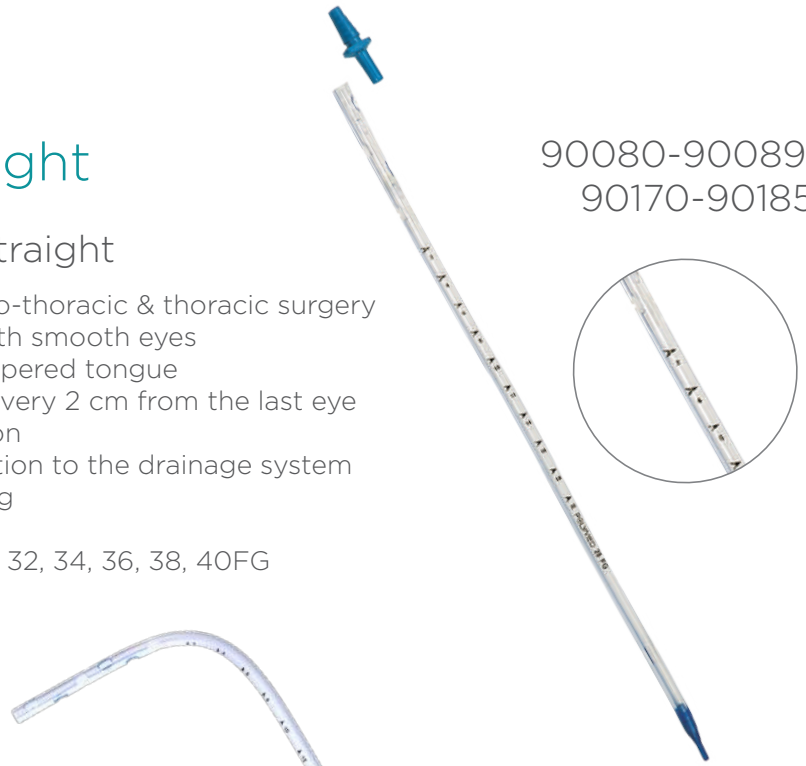
Thoracic Drainage Catheters

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, 30, 32, 34, 36, 38, 40FG
- DEHP Free

90080-90089,
90170-90185

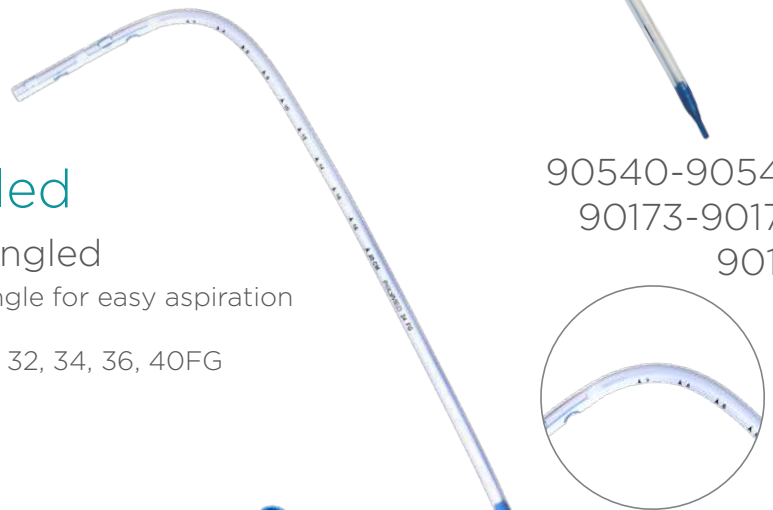


Ultra Cath Novo - Angled

Thoracic Drainage Catheters - Angled

- Catheter is provided with curved (90°) angle for easy aspiration of drainage
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 30, 32, 34, 36, 40FG
- DEHP Free

90540-90549,
90173-90175,
90181



Ultra Cath Novo - Trocar

Thoracic Drainage Catheters with Trocar

- 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, 26, 28, 30, 32, 34, 36, 38, 40, 42FG
- DEHP Free

90090-90099,
90176-90180
90184, 90186



Polysuction Set

90140 - 90144, 90155-90169, 90187-90189, 90210-90214, 90240-90241, 90250-90251, 90260, 90270

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 | |
|-----------------|---------|
| ID | OD |
| 5.0 mm | 8.0 mm |
| 6.0 mm | 8.5 mm |
| 7.0 mm | 10.0 mm |
| 8.0 mm | 11.5 mm |



Also available with bigger length tube rolls

Yankauer Suction

90160, 90150

Yankauer Suction Handle

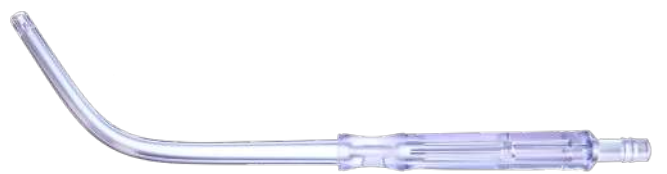
- Yankauer Handle is open end-with 4 lateral eyes to withstand negative pressure and ensures continuous and easy suction fluid
- Yankauer Handle available in standard or crown tip with or without vacuum thumb control



Crown Tip



Standard Tip



Bain Circuit

Bain Circuit Adult:

- 22mm Corrugated tube of 1.6m length
- 6mm Green PVC tube of 1.6 m length
- APL Valve
- 2.0 L Antistatic Rebreathing bag

Bain Circuit Paediatric:

- 15mm and 10mm Corrugated tube of 0.8m & 2m length
- 0.5 L Antistatic Re-breathing bag
- APL Valve



20416-20417

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.^[1] 15 mm / I.D.^[2] 22 mm

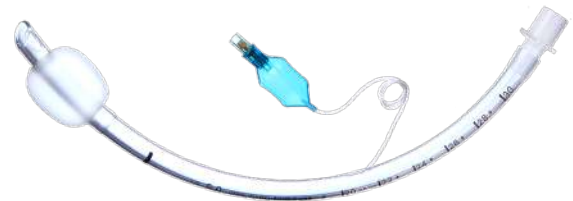


20180

Endotracheal Tubes 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

20150-20159, 20913-20916



Endotracheal Tube (Plain)

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

20932-20939



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) :

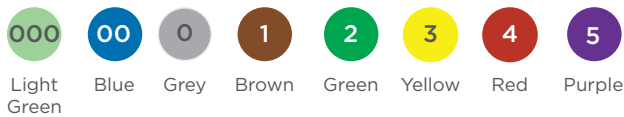
| | | | | | | | | | | | | | | | | | |
|--------|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|----|
| Cuffed | - | - | - | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Plain | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | - | - | - | - | - |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

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

Available Sizes



20050-20057



HME Filter

- Heat Moisture Exchange Filter
- Retains heat and moisture from patient's exhaled gas
- Protects the patient, equipment and the breathing circuit from any kind of contamination
- Capnography port allows efficient gas sampling
- Moisture return: 32 mg H₂O/L
- Flow rate: 30 L/minute at pressure 0.2 Mpa
- Filter efficiency: greater than 95%
- Minimum tidal volume: 150 ml

20424



Mucus Extractor

- For aspiration of secretion from oropharynx to ensure free respiration in newly born babies or for suctioning tracheal / bronchial secretions (of newborns, children and adults)
- 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 capacity : 25 ml, 40ml, 100ml, 175ml
- Suction Tube lengths available: 40 & 50 cm
- Suction Tube sizes: From 6FG to 14FG
- **Also available without filter**

40350-40445



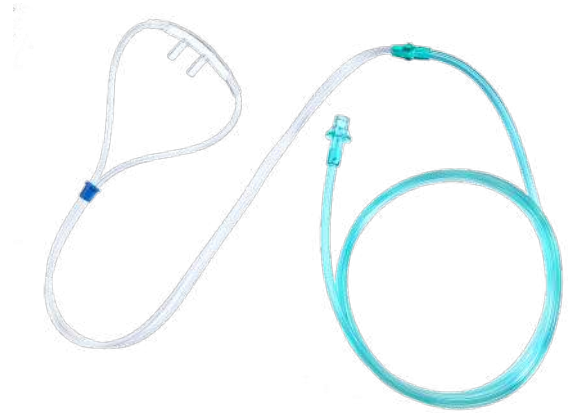
Mucus Extractor with bacterial barrier filter in the cap

Nasocath

20020-20025

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



Nebulizer Compressor System

91325

- For Efficient Respiratory Therapy
- For Effective Medication Delivery
- Easy Carry Handle
- Light Weight
- Complete Nebulizer kit

Kit contents:

- 1 Pc. Nebulizer Compressor System
- 1 Pc. Adult Mask
- 1 Pc. Paediatric Mask



Nebulizer Mask

20111-20114

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

Features

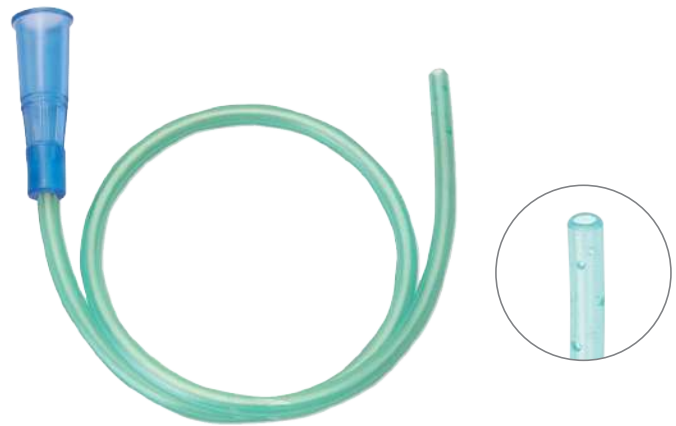
- Elongated facemask for long term use
- Clear and soft mask for patient comfort
- Adjustable elastic strip and integrated nose clip for proper positioning of mask
- 200 cm long star lumen tubing to ensure continuous flow of oxygen
- Sizes: Adult and Paediatric



Oxygen Catheter

20060-20065

- 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
- Color coded funnel end for easy size identification
- Tube length: 40 cm
- Sizes : 6FG to 16FG



Oxygen Mask

20115-20118

Variable Concentration Mask

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



Ultra Mask

20124-20126

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



Polyciser

20411

Respiratory Exerciser with Handle

- Innovative system to exercise respiration through aspiration
- Provided with unique handle for easy holding while exercising
- Breathing capacity of 1200cc, 900cc & 600cc
- Innovative design, can be dismantled into parts for cleaning & disinfection
- Air Filter for enhanced protection during inspiration



Spinal Needle

20919-20931

Quincke Point

- Quincke tip enables atraumatic puncture of the dura and minimises the risk of post-spinal headache



Quincke Point



20400-20409, 20917-20918

Whitacre Pencil Point

- Reduces loss of Cerebrospinal fluid and Post dural puncture headache (PDPH)



Pencil Point



Common Features

- Suitable for Spinal anaesthesia
- Conical tip imparts superior tactile feedback
- High flow rate enables faster Cerebro Spinal Fluid (CSF) flashback
- **Also available with introducer needle**

Options Available

| | | | | |
|---------------------|-------------------------|-----------------------------|----------------------|--------------------------|
| 16G White | 18G Pink | 19G Cream | 20G Yellow | 21G Deep Green |
| 22G Black | 23G Deep Blue | 24G Medium Purple | 25G Orange | 27G Brown |
| | | | | 27G Grey |

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

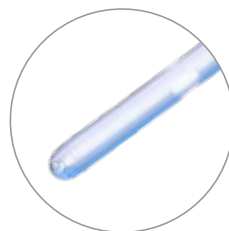


Common Features

- 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

Options Available

- | | |
|-------------------|-----------------------|
| 24G Blue | 12G White |
| 22G Violet | 10G Black |
| 20G Yellow | 8G Light Blue |
| 18G Red | 6G Light Green |
| 16G Orange | 5G Grey |
| 14G Green | |



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



Also available with
Angled Tip

Ventilator Circuits

20418

Adult Ventilator Circuits

- 22mm corrugated tube of 1.6 m length
- 22mm male and female circuit adaptors x 2
- Y connector with ports
- Safety cap



20421

Paediatric Ventilator Circuit

- 15mm corrugated tube of 1.6m length
- 22mm / 15mm male and female circuit adaptors x 2
- Y connector with ports
- Safety cap

Ventilator Circuit with one water trap

20419

- 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.

Single water trap

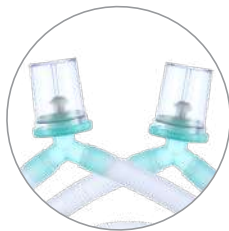


Ventilator Circuit with two water trap

20420, 20423

- 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.

Dual water trap



Venturi Mask

20120-20123

Fixed Concentration Mask

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

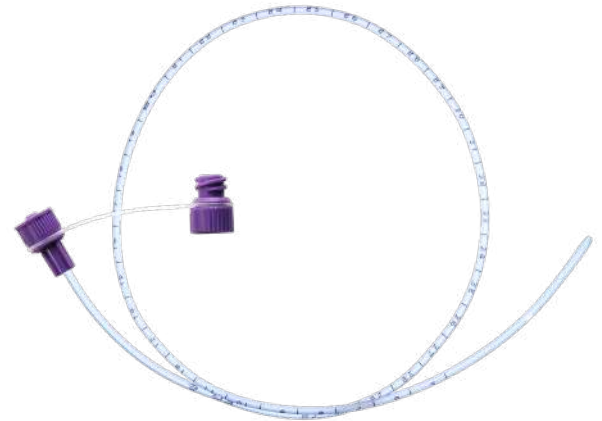


POLYFIT

40210-40258

Infant Feeding Tube with Enteral Connector

- Fitted with enteral connector
- 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



Enteral Connector

40021-40039

Ryle's Tube with Enteral Connector

- Soft, frosted and kink resistant DEHP free PVC tubing
- Fitted with enteral connector
- Closed distal tip end cone with radio-opaque piece for easy insertion
- Four lateral eyes.
- Tube with radio-opaque line marked at 50, 60 and 70 cm from the tip
- Size 5FG to 18FG
- Length 105cm



40330-40348

Levin's Tube with Enteral Connector

- Soft, frosted and kink resistant DEHP free PVC tubing
- Fitted with enteral connector
- Open or Closed distal tip
- Four lateral eyes
- Tube with radio-opaque line marked at 45, 55, 65 and 75 cm from the tip
- Size 5FG to 18FG
- Length 125cm



Also available with PU Tubing

POLYFIT

13599

Stopcock with Enteral Connector

- Enteral stopcock is specifically designed for enteral feeding devices, addressing the fragility and small volumes required from preterm and paediatric patients
- Enteral Stopcock contains two inlet(male connector); one to prevent inadvertent connection to vascular, respiratory, or epidural lines and is compatible with Enteral connection syringes for lavage and medication delivery; another for enteral feeding and one outlet port(female connector) where feeding tubes will be connected



Enteral Connector

13076-13089, 13206

Enteral Extension Set

- Purple color enteral male & female connectors Soft, frosted & kink resistant PVC DEHP free tubing
- Fitted with enteral connector
- **Options available :**
 - Available tube outside diameter Ø 3.0 mm, Ø 2.0 mm & Ø 4.1 mm
 - Available with and without clamp



40260-40269, 40601-40602

Feeding Bag

- Graduated measurements and translucent material allows for the monitoring of fluid level
- Fitted with enteral connector
- Each feeding bag has a pouch to potentially hold ice for formulas or medications requiring cooler temperatures
- Roller clamp adjusts the flow rate of feeding
- Feeding bag is DEHP free



40180-40186, 40200-40206

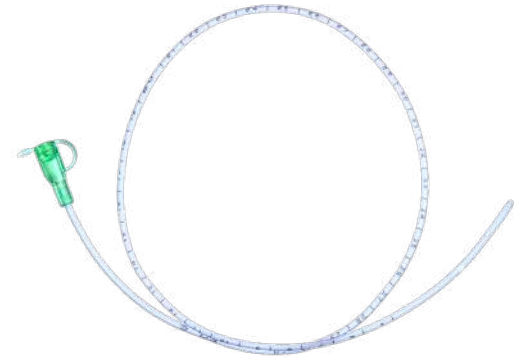
Novofeed

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
- **Also available with Luer lock**



Female Mount



Levin's Tube

Gastro-Duodenal Feeding Tube

- For gastro-intestinal feeding and aspiration
- Open 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



40301-40310



Ryle's Tube

Nasogastric Feeding Tube

- For nasogastric introduction of nutrition and aspiration of gastric 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 connector with cap for easy identification of size
- Length : 105 cm, Sizes : 6 FG to 24 FG
- **Also available with metal tip**



40001-40011



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 umbilical vein or artery for infusion, transfusion, administration of medication, blood sampling, pressure measurement etc.
- Color coded funnel end connector for easy identification of size
- Length : 40 cm
- Sizes : 3.5, 4, 5, 6 & 8 FG
- DEHP Free
- **Available with female mount and luer lock**

40450-40455, 40463-40464



Available in

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 8G | 7G | 6G | 5G | 4G |
| Blue | White | Green | Grey | Red |

PU Feed

PU Umbilical Catheter

- Umbilical catheter in Polyurethane Material
- Atraumatic, soft rounded open distal tip to reduce trauma
- Provided with graduation mark after every cm
- Length : 40 cm
- Sizes : 3, 3.5, 4, 5, 6 & 8 FG
- DEHP Free
- **Also available with female connector & Luer lock**

40456-40462



Foley Balloon

30160-30167

- 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, 24 FG
 Balloon Capacity:
 12 FG : 5-15ml
 14-24 FG : 15-30 ml

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

Irrigation Sets

30520-30524, 30560-30565

Irrigation Set with Soft Chamber



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

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

30540-30544, 30570-30573

Irrigation Set with Pump



- Made of DEHP free PVC chamber delivering high flow rates
- **Also available in single & multi flow dual spike**

Urine Collection Bags

Polyuro-Premium

- 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: 90cm, 100cm
- **Options available:** With or without air filter

30101-30102, 30123



T-type bottom outlet



Needle free Sampling Port (optional)



Air Filter (Optional)

30108-30109

Leg Bag Set



Leg Straps

- Provides freedom of mobility as the bag is attached to the leg of the patient
- Capacity : 800 ml
- Tube length: 50cm & 75cm
- **Available with leg straps**

30110-30111, 30120

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



T-type bottom outlet

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

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

30113-30116, 30119,
30121-30122



Needle Free
Sampling Port
(optional)

Features

- Inlet tube length : 130 cm
- Capacity of urine collection bag : 2000 ml
- Soft, frosted and kink resistant PVC tubing
- With T-type Bottom outlet
- Specially molded hanger for easy handling
- **Also available with needle free sampling port**

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



Urine Drainage Catheters

Short Term Urine Drainage Catheters

Nelaton Catheter

30010-30019

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



Rectal Catheter

30040-30051

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



Female Catheter

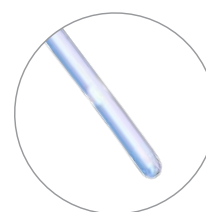
30060-30069

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



Soft Tip

Also available in

- 32
FG
Brown
- 30
FG
Light Grey
- 28
FG
Green
- 26
FG
White
- 24
FG
Blue
- 22
FG
Violet
- 20
FG
Yellow
- 18
FG
Red
- 16
FG
Orange
- 14
FG
Green
- 12
FG
White
- 10
FG
Black
- 8
FG
Light Blue
- 6
FG
Light Green

Electrocardiograph Electrodes



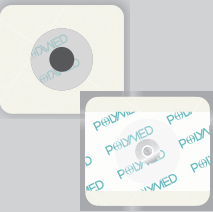
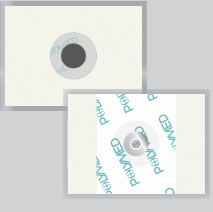
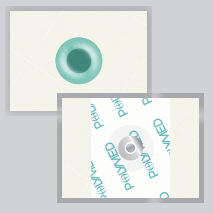
91500-91617

Effective Adhesion : The enhanced adhesive of Electrocardiograph Electrodes sticks reliably throughout the ECG procedure even when the patient is perspiring, ensuring better diagnosis results.

Easy to Apply and Remove : Single handed application allows easy fixation and removal hence reducing the workflow pressure.

High Conductive Wet Gel: Produces accurate and consistent traces thus minimizing the nurses intervention to fix the trace.

Hypoallergenic: It is hypoallergenic & non-cytotoxic to the skin.

| Product Image | Recommended Usage* | Dimensions | Special Features | Options Available | Packaging |
|---|---|-------------------------------------|--|--|--|
|  | Stress Holter Resting Monitoring | 40X40X1mm 42X42X1mm 50X50X1mm | Foam Back Enhanced Adhesive Latex Free | Adult | 100/1000/8000 100/1000/8000 100/900/7200 |
|  | Resting Monitoring | 35X30X1mm | Foam Back Enhanced Adhesive Latex Free | Paediatric | 100/1000/8000 |
|  | Resting Monitoring | 40X35X1mm | Carbon Snap electrodes are an excellent choice for Cath Lab, CCU, Nuclear Medicine and MRI Solid Gel is specially formulated that improves adhesion and ease of application | Stainless steel snap and radio translucent snap. Available in Liquid gel for those who prefer quick reading | 100/1000/8000 |
|  | Resting Monitoring | 44X32X1mm | Solid Gel is specially formulated that improves adhesion and ease of application | Stainless steel or radio translucent snaps and 4mm banana adapter | 100/1000/8000 60/600/4800 100/1000/8000 60/600/4800 |
|  | Resting Monitoring | 44X32X1mm | Liquid Gel for those who prefer quick reading | Stainless steel or radio translucent snaps and 4mm banana adapter | 100/1000/8000 50/500/4000 100/1000/8000 50/500/4000 |

* More sizes will be available soon

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 & 10x12cm



Recording Label

13354

Injection Stopper

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



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
- **Options Available :**
 - Unit pack
 - Multi pack of 10 units



51010-51060

Insulin Syringes Sizes :

| Unit Pack Code | Multi Pack Code | Nominal Capacity | Strength of Insulin | Needle Gauge | Needle Length | Color Code of Top & Bottom Cap |
|----------------|-----------------|------------------|---------------------|--------------|---------------|--------------------------------|
| 51140 | 51110 | 1 ml | U-40 | 29G | 13 mm | Red |
| 51150 | 51120 | 1 ml | U-40 | 30G | 8 mm | Red |
| 51160 | 51130 | 1 ml | U-40 | 31G | 8 mm | Red |
| 51040 | 51010 | 1 ml | U-100 | 29G | 13 mm | Orange |
| 51050 | 51020 | 1 ml | U-100 | 30G | 8 mm | Orange |
| 51060 | 51030 | 1 ml | U-100 | 31G | 8 mm | Orange |

13353

Luer Lock

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



13355

Luer Lock Injection Site

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



90280

Polybrush

Surgical Dry Brush

- Surgical Dry Brush with Nail Cleaner - 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
- Comes 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



90314

Transfer Spike

- Fits into rubber stopper and bag set ports
- Allows easy flow even with non-evacuated glass vials
- Large internal diameter & grip flanges
- Provides secure connection between two containers
- Used for transfer of diluents into powdered medication without the need for repeated piercing of vials
- PVC Free, Latex Free, DEHP Free



13357-13359

Universal Cap

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







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