Q MEDICAL INDUSTRIES

INFUSION THERAPY

Product Catalogue

www.qmedicalindustries.com

Quality in Care

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IV Administration Set

- **VITA**LINE® Standard Set

- **VITA**SAFE® Safety Set

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Infusion Therapy

Infusion therapy is a safe and effective way to deliver fluids, medications, and nutrients to the body:

1. It allows for direct and accurate delivery of fluids and medications to the bloodstream
2. It can be used to deliver variety of fluids and medications, including blood, medications, and parenteral nutrition
3. Infusion therapy is suitable for much more efficient treatment of chronic illnesses since it delivers medicine, antibiotics, and/or hydration directly into the bloodstream.

IV Administration Set

VITALINE®

IV Administration Set Vented 190cm with Check Valve	20010101

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 190cm - Drip Chamber Vented with 20 Drops/ml & 15μm Fluid Disk Filter - Safety Roller Clamp - Fixed Male LL with Check Valve for Tube of OD : 4.1mm - Male LL Cap Vented with Air Filter.

IV Administration Set Vented 190cm	20010102

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 190cm - Drip Chamber Vented with 20 Drop/ml & 15μm Fluid Disk Filter - Safety Roller Clamp - Fixed Male LL for Tube of OD : 4.1mm - Male LL Cap Vented with Air Filter.

IV Administration Set Vented 180cm	20010103

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Drip Chamber Vented, 20 Drops/ml with 15μm Fluid Disk Filter - Safety Roller Clamp - Fixed Male LL for Tube of OD : 4.1mm - Male LL Cap

IV Administration Set Vented (R) 180cm	20010104

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Drip Chamber Vented - 20 Drops/ml - with 15μm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm + Rotated Male LL for Tube of OD: 4.1mm - Male LL Cap

IV Administration Set Vented with Fluid Filter 180cm — 20010105
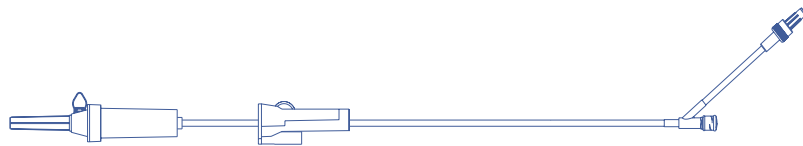
Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Filter.

IV Administration Set Vented with Fluid Filter and Check Valve 180 cm — 20010106
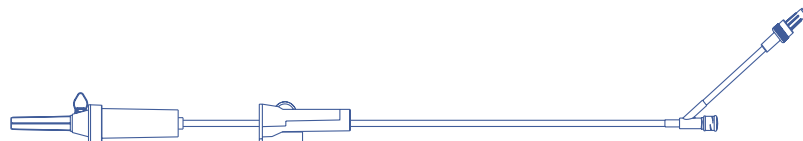
Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL with Check Valve for Tube of OD: 4.1mm - Male LL Cap Vented with Filter.

IV Administration Set Vented with Y-Injection Port 180 Cm — 20010107

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Latex Free Y-Injection Port - Fixed Male LL for Tube of OD : 4.1mm - Male LL Cap

IV Administration Set Vented with Y-Injection Port 150 Cm — 20010108

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Latex Free Y-Injection Port - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap

IV Administration Set Vented (R) 150cm — 20010109

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter - Rubber Bulb
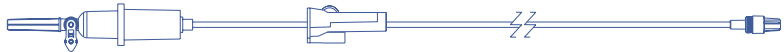
IV Administration Set Vented 150cm — 200101010

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops /ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter.

IV Administration Set Vented 150cm with Dual-Chamber — 20010111

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Dual Drip Chamber Vented with 20 Drops /ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap

Quality In Care

IV Administration Set Vented Dual Chamber with fluid filter 180 cm — 20010112

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Dual Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Filter

## IV Administration Set Vented Dual Chamber with air stop filter and check Valve 180 cm — 20010113

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Dual Drip Chamber Vented with 20 Drops /ml & Air Stop Filter - Safety Roller Clamp for Tube OD : 4.1mm - Fixed Male LL with Check Valve for Tube of OD: 4.1mm - Male LL Cap Vented with Filter

IV Administration Set UnVented with Micro-Drip & Needle free Y-Port 211 cm — 20010114

Product Description
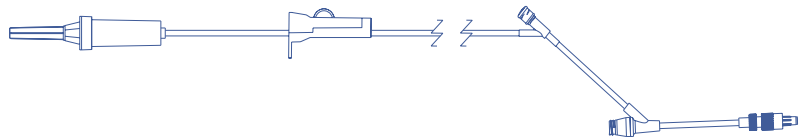
PVC DEHP Free Tube OD: 4.1 mm, ID: 3 mm, L: 211cm - Drip Chamber UnVented with Micro 60 Drops /ml - Small Bore Roller Clamp for Tube OD: 4.1 mm - Needle Free Y Connector for Tube OD : 4.1 mm - Latex Free Y-Injection Port - Rotated Male LL for Tube of OD : 4.1mm - Male LL Cap

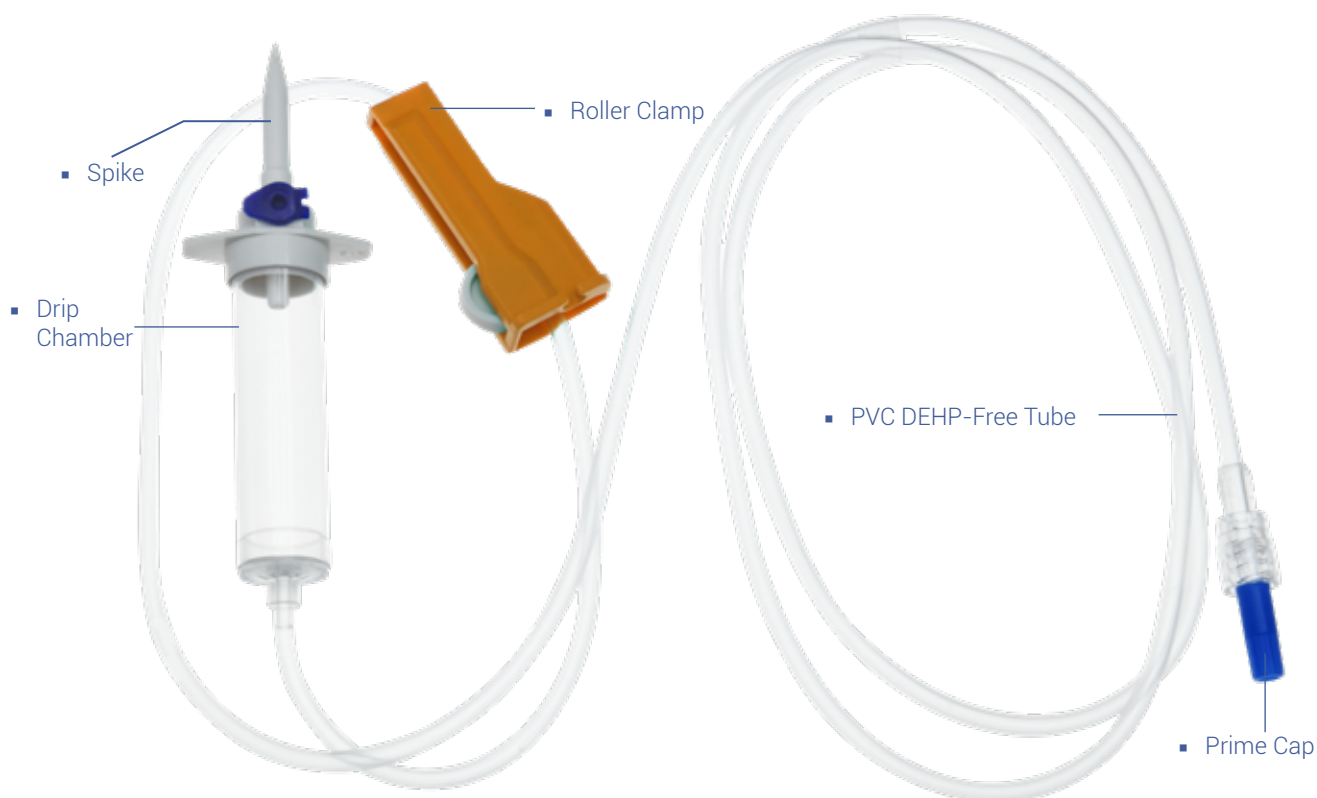## IV Administration Set UnVented with Needle Free Y Port 211 cm — 20010115

Product Description

PVC DEHP Free Tube OD: 4.1 mm, ID: 3 mm, L: 211cm - Drip Chamber UnVented with 15 drops/ml - Small Bore Roller Clamp for Tube OD: 4.1 mm - Latex Free Y-Injection Port - Needle Free Y Connector for Tube OD : 4.1 mm - Rotated Male LL for Tube of OD : 4.1mm - Male LL Cap

- An intravenous administration set (IV Set) is a sterile, disposable medical device used to administer fluids, medications, and other substances directly into a patient's vein. IV sets are typically made of plastic and consist of a number of components, including:

- A drip chamber, which allows the healthcare provider to visualize the flow of fluid to inject medications.

- A filter, which removes impurities from the fluid.

- A tubing, which connects the fluid bag to the patients vein.

- A needle or catheter, which is inserted into the patients vein.

- A flow regulator, which allows the healthcare provider to control the rate of fluid flow.

CE 1639
ISO 13485

INFUSION THERAPY

VitaLine Code List

Description	Code No.
IV Administration Set, Vented 190 cm with Check Valve	20010101
IV Administration Set, Vented 190 cm	20010102
IV Administration Set, Vented 180 cm	20010103
IV Administration Set, Vented-R 180 cm	20010104
IV Administration Set, Vented with Fluid Filter 180 cm	20010105
IV Administration Set, Vented with Fluid Filter and Check Valve 180 cm	20010106
IV Administration Set Vented with Y-Injection Port 180 cm	20010107
IV Administration Set Vented with Y-Injection Port 150 cm	20010108
IV Administration Set, Vented-R 150 cm	20010109
IV Administration Set, Vented 150 cm	20010110
IV Administration Set, Vented 150 cm with Dual Chamber	20010111
IV Administration Set, Vented Dual Chamber with Fluid Filter 180 cm	20010112
IV Administration Set, Vented Dual Chamber with Check Valve 180 cm	20010113
IV Administration Set, Non-Vented with Micro Drip and Needle Free Y-Port 211 cm	20010114
IV Administration Set, Non-Vented with Needle Free Y-Port 211 cm	20010115

Spike

Roller Clamp

Drip Chamber

PVC DEHP-Free Tube
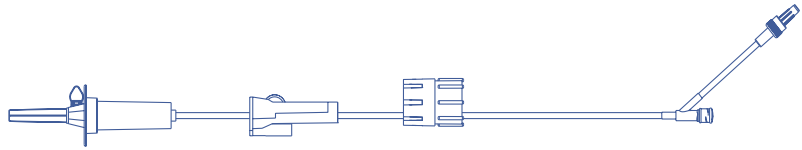
Prime Cap

Quality In Care

VITAFLOW®

IV Administration Set, Vented with Micro-Regulator and Needle Free Y-Port 150 cm — 20010201

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 150cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Flow Micro Regulator 5-250 ml/hr - Latex Free Y-Injection Port for Tube OD : 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter
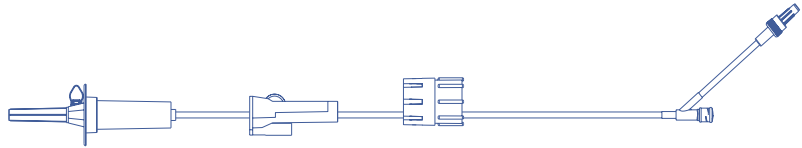
IV Administration Set, Vented with Micro-Regulator and Needle Free Y-Port 155 cm — 20010202

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 155cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Flow Micro Regulator 5-250 ml/hr - Latex Free Y-Injection Port for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter

IV Administration Set with Micro-Regulator and Needle Free Connector 210 cm — 2010203

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 210cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Pinch Clamp for Tube OD: 4.1mm - Flow Micro Regulator 5-250 ml/hr - Needle Free Y connector for Tube OD : 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap
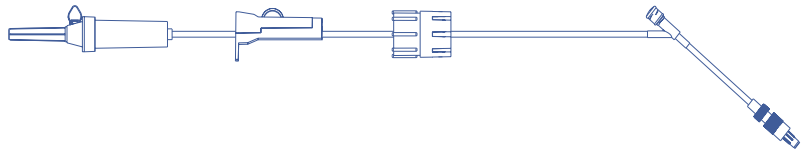
IV Administration Set Vented with Micro-Regulator 234 cm — 20010204

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 234cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Small Bore Roller Clamp for Tube OD: 4.1 mm - Rotated Male LL for Tube of OD: 4.1mm - Latex Free Y-Injection Port - Flow Micro Regulator 5-250 ml/hr - Male LL Cap
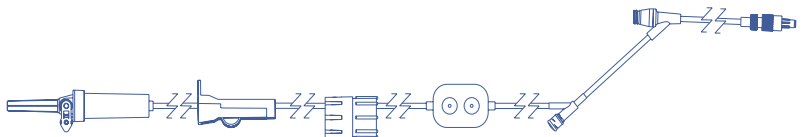
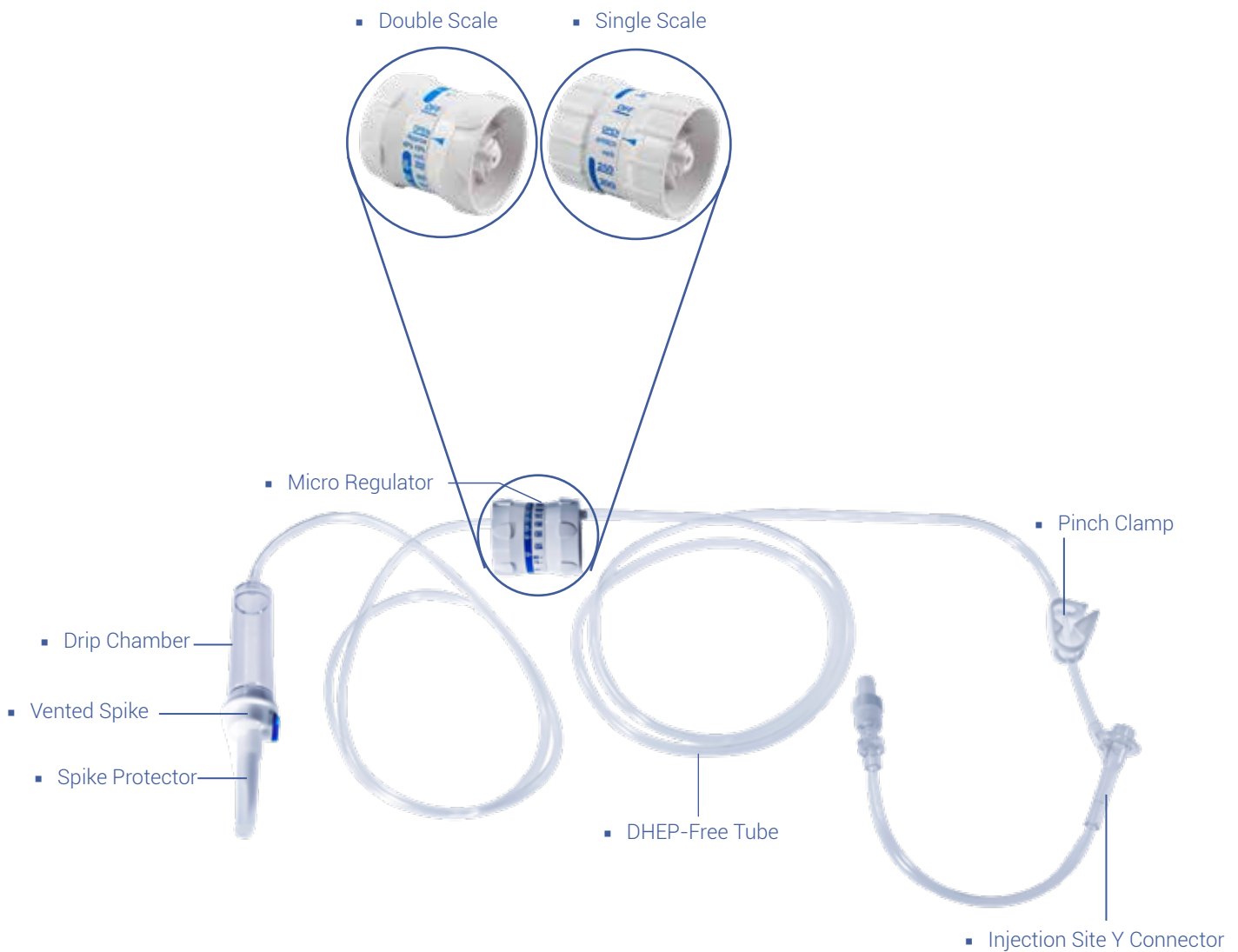## IV Administration Set Vented with Micro-Regulator & 0.2µm Filter 246cm — 20010205

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 246cm - Drip Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Small Bore Roller Clamp for Tube OD: 4.1 mm - Rotated Male LL for Tube of OD: 4.1mm - Needle Free Y Connector for Tube OD: 4.1mm - Latex Free Y-Injection Port - Flow Micro Regulator 5-250 ml/hr - In line filter 0.2µm - Male LL Cap

CE 1639
ISO 13485

INFUSION THERAPY

VitaFlow Code List

Description	Code No.
IV Administration Set, Vented with Micro-Regulator and Needle Free Y-Port 150 cm	20010201
IV Administration Set, Vented with Micro-Regulator and Needle Free Y-Port 155 cm	20010202
IV Administration Set with Micro-Regulator and Needle Free Connector 210 cm	20010203
IV Administration Set, Vented with Micro-Regulator 234 cm	20010204
IV Administration Set, Vented with Micro-Regulator & 0.2 µm Filter 246 cm	20010205

- Double Scale
- Single Scale

- Micro Regulator
- Pinch Clamp
- Drip Chamber
- Vented Spike
- Spike Protector
- DHEP-Free Tube
- Injection Site Y Connector

Quality In Care

VITASAFE®

IV Administration Set Vented with air stop filter, Micro Regulator & Check Valve 180 cm   20010301

Product Description
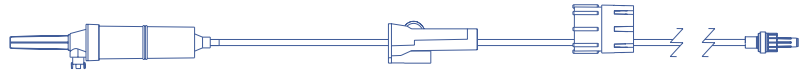
PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Drip Chamber Vented with 20 Drops/ml & Air Stop Filter - Safety Roller Clamp for Tube OD: 4.1mm - Flow Micro-Regulator 5-250ml/hr -Fixed Male LL with Check Valve for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter

IV Administration Set Vented with air stop filter & Vented Cap 180cm   20010302
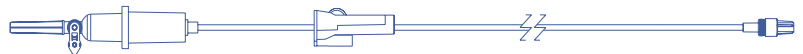

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Drip Chamber Vented with 20 Drops/ml & Air stop filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter

IV Administration Set Vented with air stop filter & 3-way stopcock 195cm   20010303

Product Description

PVC DEHP free Tube OD: 4.1mm, ID: 3mm, L: 195cm - Drip Chamber Vented with 20 Drops/ml & Air Stop Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL with Check Valve for Tube of OD: 4.1mm - 3 Way Valve with 2 Female End for Tube - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Air Filter

IV Administration Set Vented Dual Chamber with air stop filter 180cm   20010304

Product Description

PVC DEHP free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Dual Drip Chamber Vented with 20 Drops/ml & Air Stop Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Filter

IV Administration Set Vented Dual Chamber with fluid filter and check valve 180cml   20010305
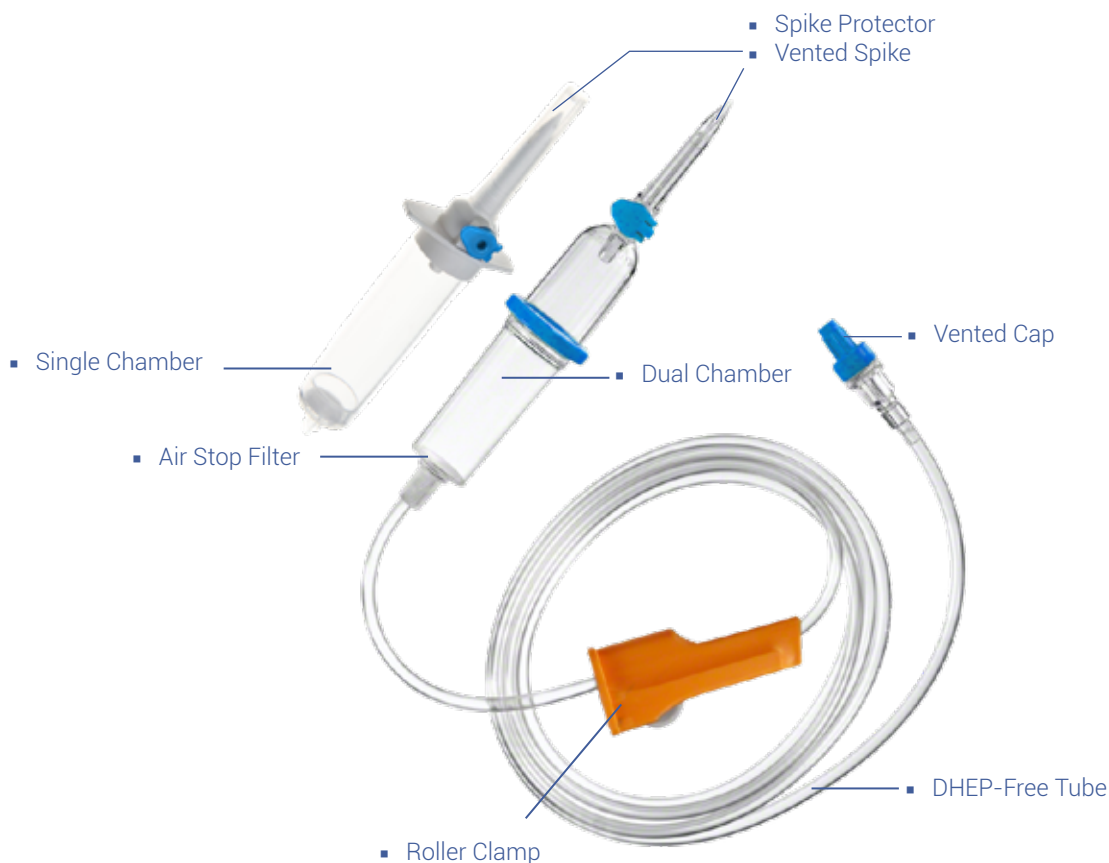

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Dual Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL with Check Valve for Tube of OD: 4.1mm - Male LL Cap Vented with Filter

IV Administration Set Vented with air stop filter and Check Calve 180cm   20010306

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 180cm - Dual Chamber Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Male LL with Check Valve for Tube of OD: 4.1mm - Male LL Cap Vented with Filter

CE 1639
ISO 13485

INFUSION THERAPY

VitaSafe Code List

Description	Code No.
IV Administration Set, Vented with Air Stop Filter, Micro Regulator and Check Valve 180 cm	20010301
IV Administration Set, Vented with Air Stop Filter and Vented Cap 180 cm	20010302
IV Administration Set, Vented with Air Stop Filter and 3-way Stopcock 195 cm	20010303
IV Administration Set, Vented Dual Chamber with Air Stop Filter 180 cm	20010304
IV Administration Set, Vented Dual Chamber with Fluid Filter and Check Valve 180 cm	20010305
IV Administration Set, Vented with Air Stop Filter and Check Valve 180 cm	20010306

- Air embolism is one of such complications which may cause death of patients in some cases. Air embolism, also called a gas embolism, occurs when one or more air bubbles enter a vein or artery and block it. This is a serious condition.

- When an air bubble enters a vein, it's called a venous air embolism. When an air bubble enters an artery, it's called an arterial air embolism. These air bubbles can travel to brain, heart, or lungs and cause a heart attack, stroke, or respiratory failure.

- Therefore, according to healthcare market development, air stop filter infusion therapy is provided, which is prevents air bubbles from entering the patient's venous system via the infusion line and blocks the fluid flow to protect entrance of the air bubble into the human body.

Spike Protector
Vented Spike
Single Chamber
Dual Chamber
Vented Cap
Air Stop Filter
DHEP-Free Tube
Roller Clamp

VITADOSE®

| IV Administration Micro-Drip Burette Set with Needle Free, Back Check Valve & Vented Cap 225cm | 20010401 |

Product Description

Burette Chamber 150ml Vented with Micro Drip 60 Drops/ml & Needle Free Connector - Vented Spike - Safety Roller Clamp for Tube OD: 4.1mm - PVC DEHP Free Tube - Needle Free Y Connector for Tube OD: 4.1 mm - In-Line Check Valve - Fixed Male LL for Tube OD : 4.1 mm - Male LL Cap Vented with Air Filter
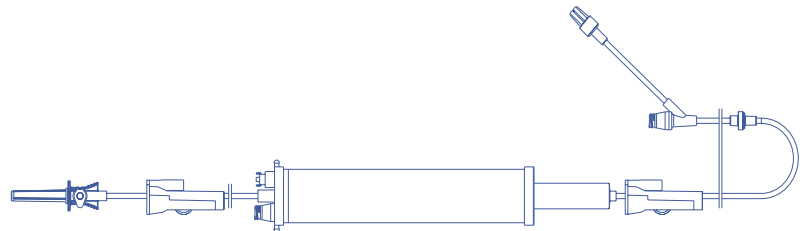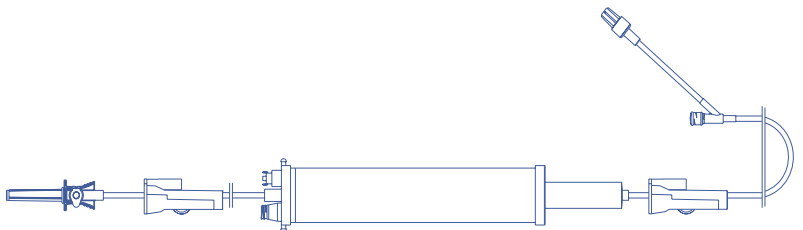
| IV Administration Burette Set with Needle Free, Back Check Valve & Vented Cap 225cm | 20010402 |

Product Description

Burette Chamber 150ml Vented with 20 Drops/ml & Needle Free Connector - Vented Spike - Safety Roller Clamp for Tube OD: 4.1mm - PVC DEHP Free Tube - Needle Fee Y Connector for Tube OD: 4.1mm - In-Line Check Valve - Fixed Male LL for Tube OD: 4.1 mm - Male LL Cap Vented with Air Filter

| IV Administration Micro-Drip Burette Set with Air Stop, Y-Injection Port & Vented Cap 225cm | 20010403 |

Product Description

Burette Chamber 150ml Vented with Micro Drip 60 Drops/ml & Silicone Injection Port - Vented Spike - Safety Roller Clamp for Tube OD: 4.1mm - PVC DEHP Free Tube - Latex Free Y Connector for Tube OD: 4.1mm - Fixed Male LL for Tube OD: 4.1mm - Male LL Cap Vented with Air Filter

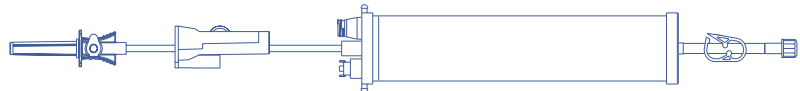| IV Administration Micro-Drip Burette Set with Air Stop, Needle Free & Vented Cap 225cm | 20010404 |

Product Description

Burette Chamber 150ml Vented with Micro Drip 60 Drops/ml, Air Stop Filter & Needle Free Connector - Vented Spike - Safety Roller Clamp for Tube OD: 4.1mm - PVC DEHP Free Tube - Needle Free Y Connector for Tube OD: 4.1mm - In-Line Check Valve - Fixed Male LL for Tube OD: 4.1mm - Male LL Cap Vented with Air Filter

IV Administration Burette Set with Air Stop , Needle Free & Vented Cap 225cm 20010405
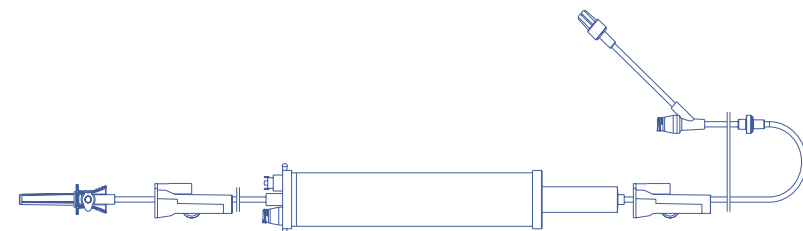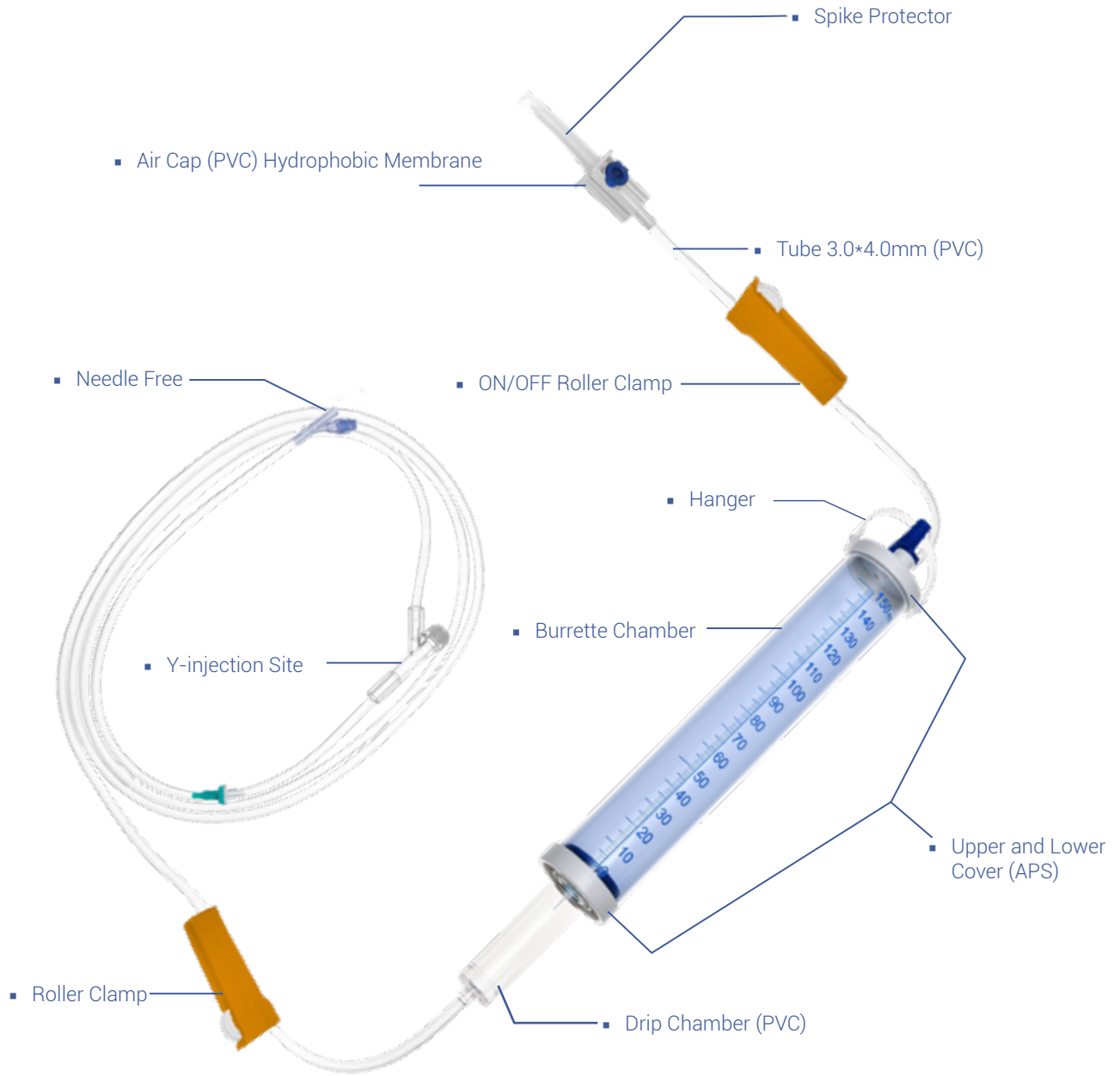

Product Description

Burette Chamber 150ml Vented with 20 Drops/ml, Air Stop Filter & Needle Free Connector for Tube OD: 4.1mm - Vented Spike - Safety Roller Clamp for Tube OD: 4.1mm - PVC DEHP Free Tube - Male LL Cap Vented with Air Filter - Needle Free Y Connector for Tube OD: 4.1mm - In-Line Check Valve - Fixed Male LL for Tube OD: 4.1 mm

IV Administration Burette Set with Needle Free Port 50cm 20010406

Product Description

Burette chamber 150ml Vented with Needle free connector for Tube OD: 4.1mm - Vented spike - Safety roller clamp for Tube OD: 4.1mm - PVC DEHP free Tube - Male LL Cap - Fixed male LL for Tube OD : 4.1 mm - Pinch clamp - Male LL Cap

VitaDose Code List

Description	Code No.
IV Administration Micro-Drip Burette Set with Needle Free, Back Check Valve and Vented Cap 225 cm	20010401
IV Administration Burette Set with Needle Free, Back Check Valve and Vented Cap 225 cm	20010402
IV Administration Micro-Drip Burette Set with Y-Injection Port and Vented Cap 225 cm	20010403
IV Administration Micro-Drip Burette Set with Air Stop Filter, Needle Free and Vented Cap 225 cm	20010404
IV Administration Burette Set with Air Stop Filter, Needle Free and Vented Cap 225 cm	20010405
IV Administration Burette Set with Needle Free Port 50 cm	20010406

■ Spike Protector

■ Air Cap (PVC) Hydrophobic Membrane

■ Tube 3.0*4.0mm (PVC)

■ Needle Free

■ ON/OFF Roller Clamp

■ Hanger

■ Burrette Chamber

■ Y-injection Site

■ Upper and Lower Cover (APS)

■ Roller Clamp

■ Drip Chamber (PVC)

SPECIAL SETS

## Vitapur Administration Set, Vented 0.2 μm Filter 234 cm   20010501

Product Description

PVC DEHP Free Tube - Drip Chamber Vented with 20 Drops/ml & 15μm Fluid Disk Filter - Small Bore Roller Clamp for Tube OD: 4.1 mm - In-Line Filter 0.2μm for Tube of OD: 4.1mm - Latex Free Y-Injection Port - Rotated Male LL for Tube of OD: 4.1mm

Cytopro 3 Port with Check Valve 3 Port   20010601
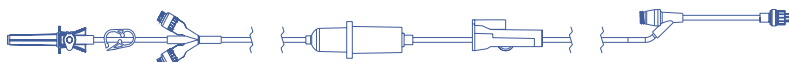

Product Description
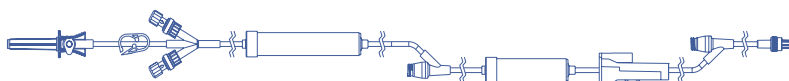
Drip Chamber for Tube 4.1mm, Length: 154 mm & 15μm Filter - Vented Spike with Air Filter for Tube OD: 4.1mm with Cap - Triple Connector 2 Female Luer Locks with Tubing Connector OD: 4.1 mm - Check Valve Male to Female Connector - Male LL Cap Vented with Filter - Fixed Male LL for Tube OD: 4.1mm - Safety Roller Clamp - Needle Free Y Connector - Pinch Clamp

Cytopro 3 Port with Check Valve 5 Port   20010602

Product Description
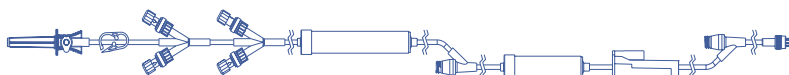
Drip Chamber for Tube 4.1mm, Length: 154mm & 15μm Filter - Vented Spike with Air Filter for Tube OD: 4.1mm with Cap - Triple Connector 2 Female Luer Locks with Tubing Connector OD: 4.1 mm - Check Valve Male to Female Connector - Male LL Cap Vented with Filter - Fixed Male LL for Tube OD: 4.1mm - Safety Roller Clamp - Needle Free Y Connector - Pinch Clamp

Cytopro 3 Port with Needle Free 3 Port   20010603
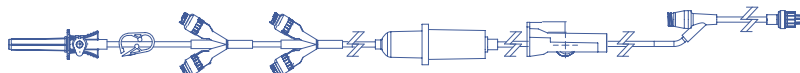

Product Description

Vented Spike with Air Filter for Tube OD: 4.1mm with Cap - Triple Connector 2 Female Luer Locks with Tubing Connector OD: 4.1 mm - Needle Free Male to Female Connector - Male LL Cap Vented with Filter - Male LL with Check Valve - Safety Roller Clamp - Needle Free Y Connector - 15μm Filter in the Drip Chamber - Pinch Clamp

Cytopro 3 Port with Needle Free 5 Port   20010604

Product Description

Vented Spike with Air Filter for Tube OD: 4.1mm with Cap - Triple Connector 2 Female Luer Locks with Tubing Connector OD: 4.1mm - Needle Free Male to Female Connector - Male LL Cap Vented with Filter - Male LL with Check Valve - Safety Roller Clamp - Needle Free Y Connector - 15μm Filter in the Drip Chamber - Pinch Clamp

Special Sets Code List

Description	Code No.
Vitapur Administration Set, Vented 0.2 μm Filter 234 cm	20010501
Cytopro 3 Port with Check Valve 3 Port	20010601
Cytopro 3 Port with Check Valve 5 Port	20010602
Cytopro 3 Port with Needle Free 3 Port	20010603
Cytopro 3 Port with Needle Free 5 Port	20010604

Note

Needle free connectors are devices that allow the safe and administration of fluids and medications without the use of needle. It has different types; Positive, Negative & Neutral:
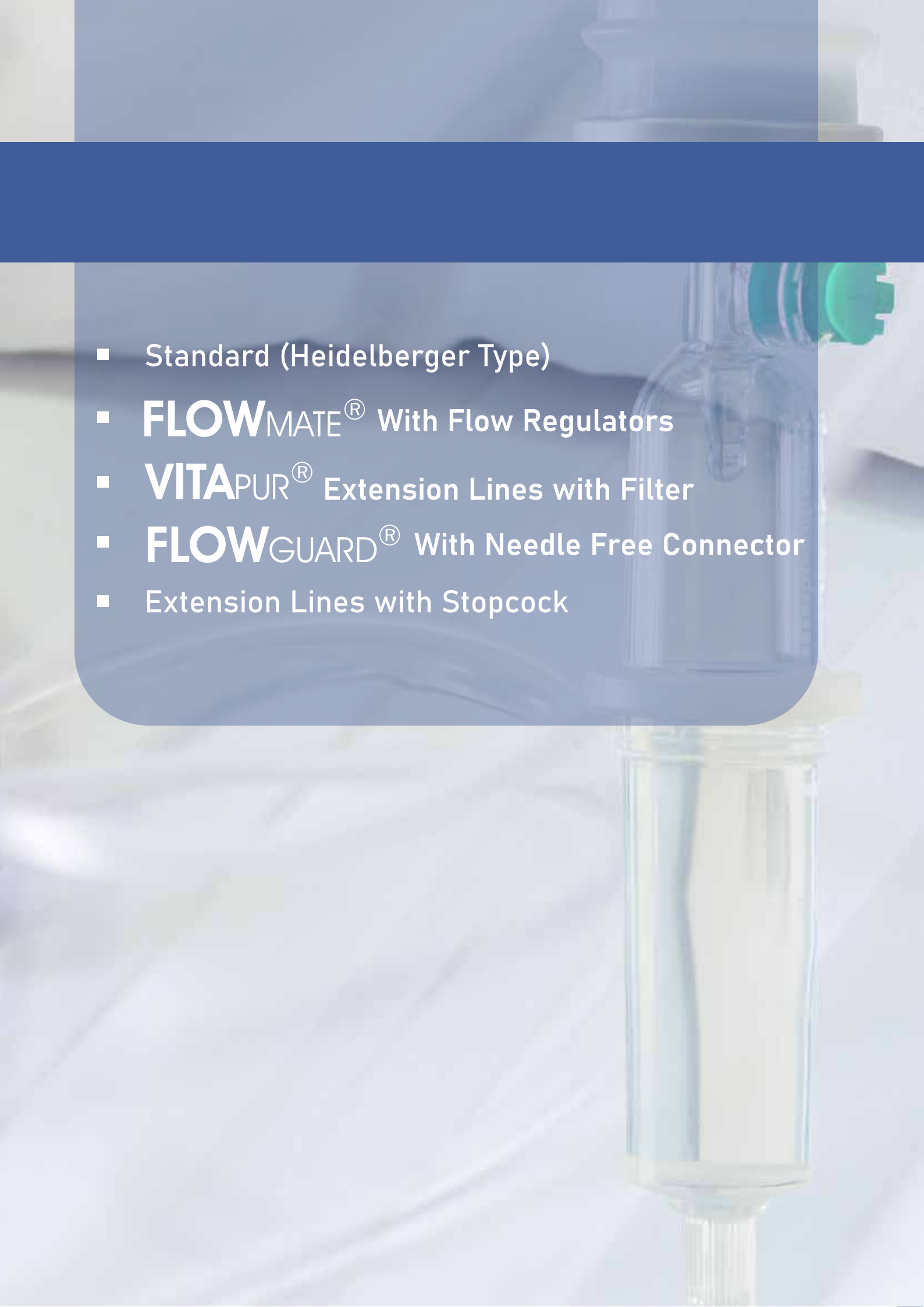
1. **Negative Needle Free Port:** Has negative displacement when something is connected or disconnected or when an administration set is connected. In that case, the blood is allowed to move back or reflux into the catheter's lumen.

2. **Positive Needle Free Port:** Has positive displacement, it keeps a reservoir of fluid that will occupy the catheter's lumen when an IV set or syringe is disconnected. In this case, blood is not allowed to move back or reflux into the catheter's lumen.

3. **Neutral Needle Free Port:** Neutral displacement prevents the blood from occupying the catheter's lumen when a connection or disconnection is made.

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INFUSION THERAPY

features and benefits

Photos	Features	Benefits
	Auto air stop filter	Prevents air from entering the patient's bloodstream, It protects patients from air embolism
	Priming filter	Prevents infection, wastage of intravenous fluid, and admixed medications
	Soft Chamber	Acts as a pump which helps negative preasure for fluids flow
	Uniquely designed ring around the drip chamber	Provides secure gripping
	DEHP-free double drip chamber	Allows easy and fast priming
	DEHP-free tubing	Reduces toxicity
	"Y" injection port (latex free)	Allows intermittent medications, prevent latex allergy
	Standard Tube length of 150 cm.	Allows greater flexibility and leeway
	Safety Roller Clamp	Compresses Tube without disfigurement
	Check Valve	To avoid the drag back flow It helps two drugs can put together
	Burrette Chamber	To ensure that patients recieve the correct amount of fluid and that air does not enter their bloodstream

Extension Sets

- Standard (Heidelberger Type)
- **FLOW**MATE® With Flow Regulators
- **VITA**PUR® Extension Lines with Filter
- **FLOW**GUARD® With Needle Free Connector
- Extension Lines with Stopcock

Extension Sets

- Extension lines are used to extend the length of an IV administration set or other medical tubing. They consist of a length of tubing with a connector or injection port at each end that allows for the connection of multiple devices or extension of existing medical tubing.

- Extension lines are important medical devices which allow deliver of medical treatment safely and efficiently.

- When used appropriately and with proper care, extension lines are a safe and effective means of extending medical tubing and connecting multiple devices for the administration of intravenous therapy, monitoring of vital signs, or other medical purposes.

- Extension lines come in various lengths and sizes.

Extension Lines Standard (Heidelberger Type)

IV Extension Line	20020101

Product Description

PVC DEHP Free Tube OD: 3mm, ID: 1mm - Female LL Cap PVC DEHP Free Tube OD: 4.1mm, ID: 3m - Fixed Female LL & Cap - Fixed Male LL with Check Valve for Tube of OD: 4.1 mm - Male LL Cap

Code	Length
20020101	3 mm x 200 cm
20020102	3mm x 150 cm
20020103	3mm x 300 cm

IV Extension Line Standard Set 4.1 mm x 25 cm	20020104

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm - Fixed Female LL for Tube of OD : 4.1 mm - Fixed Male LL for Tube of OD : 4.1 mm - Male LL Vented Cap - Female LL Cap

Code	Length
20020104	4.1 mm x 25 cm
20020105	4.1 mm x 40 cm
20020106	4.1 mm x 60 cm
20020107	4.1 mm x 100 cm
20020108	4.1 mm x 120 cm
20020109	4.1 mm x 150 cm

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INFUSION THERAPY

Heidelberger Type Code List

| Description	Code No.
IV Extension Set 3mmx200cm	20020101
IV Extension Set 3mmx150cm	20020102
IV Extension Set 3mmx300cm	20020103
IV Extension Line Standard Set 4.1mmx25cm	20020104
IV Extension Line Standard Set 4.1mmx40cm	20020105
IV Extension Line Standard Set 4.1mmx60cm	20020106
IV Extension Line Standard Set 4.1mmx100cm	20020107
IV Extension Line Standard Set 4.1mmx120cm	20020108
IV Extension Line Standard Set 4.1mmx150cm	20020109

FLOWMATE® with Flow Regulators

Extension Line with Micro-Regulator and Needle Free Connector (45cm) — 20020201
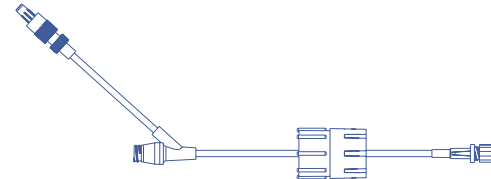
Product Description
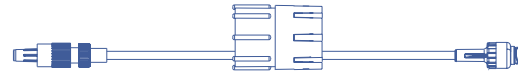
PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 45cm - Flow Micro-Regulator 5-250ml/hr - Fixed Female LL for Tube of OD : 4.1 mm - Needle free connector - Male LL Cap - Rotated male LL & Cap

Extension Line with Micro-Regulator and Y-Injection Port (45cm) — 20020202
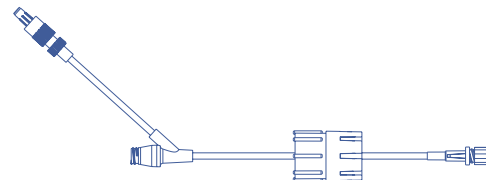
Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 45cm - Flow Micro-Regulator (5-250ml/hr) - Latex Free Y-Injection Port - Male LL Double Vented with 20 Drops/ml & 15µm Fluid Disk Filter - Fixed Female LL for Tube of OD: 4.1mm - Female LL Cap - Male LL Cap

Extension Set with Micro-Regulator and Y-Needle Free Connector (45cm) — 20020203
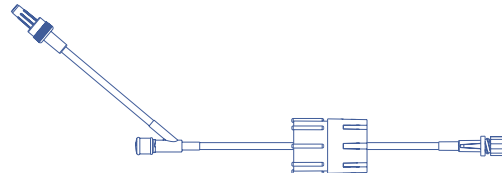
Product Description

PVC DEHP Free Tube - Flow Micro-Regulator 5-250ml/hr - Latex Free Y-Injection Port - Rotated Male LL for Tube of OD : 4.1mm - Needle Free Connector - Fixed Female LL for Tube of OD: 4.1mm - Female LL Cap - Male LL Cap

Extension Line (55cm) — 20020204

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 55cm - Flow Micro-Regulator 5-250ml/hr - Latex Free Y-Injection Port - Fixed Female LL for Tube of OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Female LL Cap - Male LL Cap

Extension Line

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm - Safety Roller Clamp for Tube OD: 4.1mm - Fixed Female LL for Tube of OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1mm - Female LL Cap - Male LL Cap

Code	Length
20020205	140 cm
20020206	75 cm

Extension Line with Micro-Regulator (45cm) — 20020207

Product Description
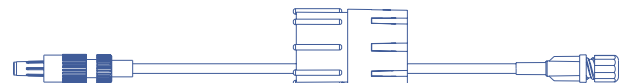
PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 45cm - Flow Micro-Regulator 5-250ml/hr - Fixed Female LL for Tube of OD: 4.1mm -Female LL Cap - Male LL Cap

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INFUSION THERAPY

FlowMate Type Code List

Description	Code No.
Extension Set with Micro-Regulator and Needle Free Connector 45 cm	20020201
Extension Set with Micro-Regulator and Y-Injection Port 45 cm	20020202
Extension Set with Micro-Regulator and Y-Needle Free Connector 45 cm	20020203
Extension Line 55 cm	20020204
Extension Line 140 cm	20020205
Extension Line 75 cm	20020206
Extension Set with Micro-Regulator 45 cm	20020207

VITA~PUR~® with Filter

| IV Infusion Filter 0.2μm Simple | 20020301 |

Product Description

PVC DEHP Free Tube - In-line filter 0.2 μm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap - Fixed Female LL for Tube of OD: 4.1mm - Female LL Cap
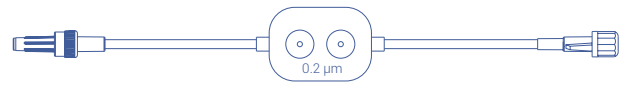
| IV Infusion Filter 0.2μm | 20020302 |

Product Description

PVC DEHP Free Tube - In-line filter 0.2 μm - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap - Fixed Female LL for Tube of OD: 4.1mm - Female LL Cap

| IV Infusion Filter 1.2μm Light Proof | 20020303 |

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L: 5cm - Fixed Male LL with Check Valve for Tube of OD : 4.1mm - In line Filter 1.2μm - For Tube of OD: 4.1mm , ID: 3mm - Fixed Male LL for Tube of OD : 4.1mm - PVC DEHP Free Tube OD: 4.1mm - ID: 3mm - L: 15cm

VitaPur Type Code List

Description	Code No.
IV Infusion Filter 0.2μm Simple	20020301
IV Infusion Filter 0.2μm	20020302
IV Infusion Filter 1.2μm Light Proof	20020303

INFUSION THERAPY

FLOWGUARD® with Needle Free Connector

FlowGuard Extension Line with Needle Free Port 20cm — 20020401
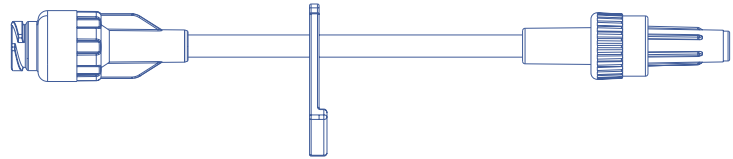

Product Description

PVC DEHP Free Tube - Pinch Clamp for Tube OD: 4.1mm - Fixed Female LL for Tube of OD: 4.1mm - Fixed Male LL for Tube of OD: 4.1 - L: 20cm - Needle Free Connector - Male LL Cap

FlowGuard Extension Line with Needle Free Port 20cm — 20020402
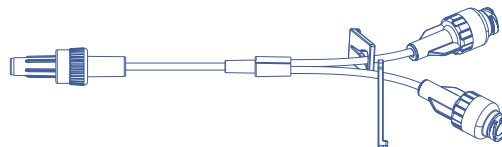

Product Description

PVC DEHP Free Tube OD: 2mm, ID: 1mm, L: 10cm - Slide Clamp - Fixed Male LL for Tube of OD: 2 mm - Needle Free Connector - Male LL Cap

Smallbore Y-Extension Set with Needle Free Standard — 20020403

Product Description

PVC DEHP Free Tube OD: 2 mm, ID: 1 mm - Slide Clamp for Tube OD: 22mm to OD: 4.1mm - Fixed Male LL for Tube of OD : 2mm - Male LL Cap Vented with Filter - Needle Free Neutral Connector - Y Parallel Connector

Smallbore Y-Extension Set with Needle Free Standard and Check Valve — 20020404

Product Description

PVC DEHP Free Tube OD: 2 mm, ID: 1 mm - Slide Clamp for Tube OD: 22mm to OD: 4.1mm - Fixed Nale LL for Tube of OD: 2mm - Male LL Cap Vented with Filter - Needle Free Neutral Connector - Y Parallel Connector - Check Valve Female LL

Smallbore Extension Set with Needle Free Positive — 20020405

Product Description

PVC DEHP Free Tube - Slide Clamp for Tube OD : 4.1mm - Fixed Male LL for Tube of OD : 4.1mm, L: 10cm - Male LL Cap Vented with Filter - Needle Free Y Connector

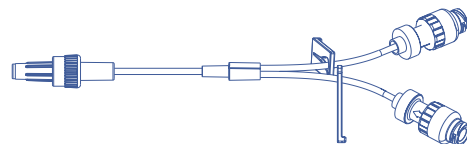## Smallbore Extension Set with 2 Needle Free Positive   20020406

Product Description

PVC DEHP Free Tube OD: 2mm, ID: 1mm - Slide Clamp for Tube OD: 22 mm to OD: 4.1 mm - Fixed Male LL for Tube of OD: 2mm - Male LL Cap Vented with Filter - Needle Free Positive connector - Y Parallel Connector

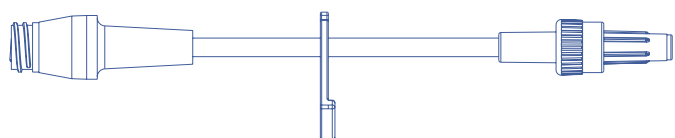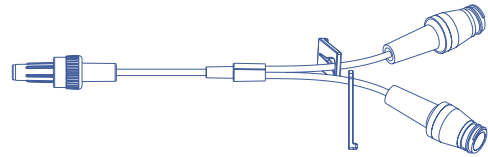## Smallbore Extension Set with 3 Needle Free Positive   20020407

Product Description

PVC DEHP Free Tube OD: 2mm, ID: 1mm - Slide Clamp for Tube OD: 22mm to OD: 4.1mm - Fixed Male LL for Tube of OD: 2mm - Male LL Cap Vented with Filter - Needle Free Positive Connector - Y Parallel Connector

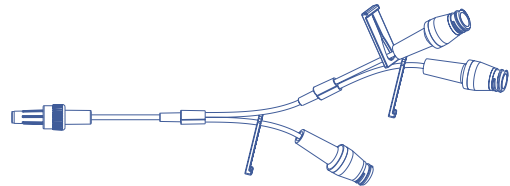## Smallbore Extension Set with 2 Needle Free Positive and 2 Check Valve   20020408
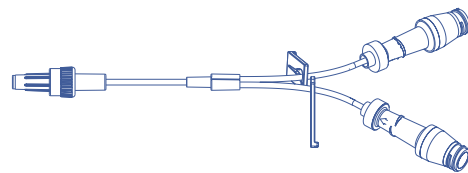
Product Description

PVC DEHP Free Tube OD: 2mm, ID: 1mm - Slide Clamp for Tube OD: 22mm to OD: 4.1mm - Fixed Male LL for Tube of OD: 2mm - Male LL Cap Vented with Filter - Needle Free Positive Connector - Y Parallel Connector - Check Valve Female LL

Extension Line with Spike and Needle Free + Check Valve (Cyto)   20020409
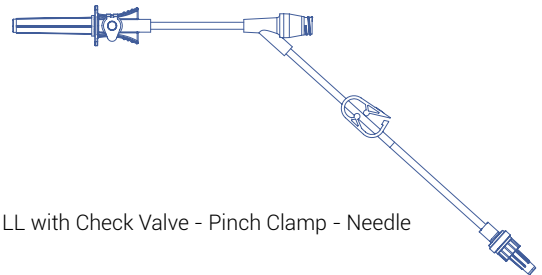
Product Description

Vented Spike with Air filter & Cap - Male LL Cap Vented with Filter - Fixed Male LL with Check Valve - Pinch Clamp - Needle Free Y-Connector.

Extension Line with Spike and Needle Free + Inline Filter + Check Valve (Cyto)   20020410
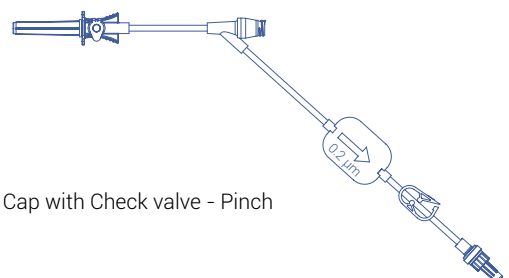
Product Description

Vented Spike with Air Filter & Cap - Male LL Cap Vented with Filter - Fixed Male LL Cap with Check valve - Pinch Clamp - Needle Free Y-Connector - In-line Filter 0.2μm.

FlowGuard Code List

Description	Code No.
FlowGuard Extension Line with Needle Free Port 20cm	20020401
Smallbore Extension Set with Needle Free Standard	20020402
Smallbore Y-Extension Set with Needle Free Standard	20020403
Smallbore Y-Extension Set with Needle Free Standard and Check Valve	20020404
Smallbore Extension Set with Needle Free Positive	20020405
Smallbore Extension Set with 2 Needle Free Positive	20020406
Smallbore Extension Set with 3 Needle Free Positive	20020407
Smallbore Extension Set with 2 Needle Free Positive and 2 Check Valve	20020408
Extension Line with Spike and Needle Free + Check Valve (Cyto)	20020409
Extension Line with Spike and Needle Free + Inline Filter + Check Valve (Cyto)	20020410

Quality In Care

Extension Lines with Stopcock

IV High Flow 3-Way Stopcock with Extension Line (15cm) 20020501

Product Description

PVC DEHP Free Tube OD: 5.5mm, ID: 3.5mm, L : 15cm - High Flow 3 Way Valve with 2 Female End for Tube OD: 5.5mm, ID: 3.5mm - Rotated Male LL for Tube of OD: 5.5mm - Male LL Cap Vented with Filter -Female LL Cap

IV Extension Line with 3-way Stopcock

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm - 3 Way Stopcock with 2 Female End for Tube OD: 4.1mm, ID: 3mm - Female LL Cap - Fixed Male LL for Tube of OD: 4.1mm - Male LL Cap Vented with Filter

Code	Length
20020502	15 cm
20020503	25 cm
20020504	50 cm
20020505	75 cm
20020506	100 cm

IV Extension Line with 3-Way Stopcock with Needle Free 15 cm (Trifow C) 20020507

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm, L:15cm - 3 Way Stopcock with Female End for Tube OD: 4.1mm, ID: 3mm - Female LL Cap - Fixed Male LL for Tube of OD : 4.1mm - Male LL Cap Vented with Filter - Needle Free Connector

Code	Length
20020507	15 cm
20020508	25 cm
20020509	50 cm
20020510	75 cm
20020511	100 cm

IV Extension Line with Manifold 20020512
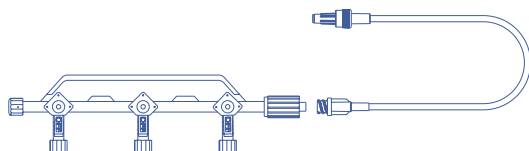
Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm - Fixed Female LL - Fixed Male LL - Manifold - Male LL Cap Vented Cap - Female LL Cap

Code	Length
20020512	25 cm
20020513	50cm
20020514	75 cm
20020515	100 cm
20020516	150 cm
20020517	200 cm

IV Extension Line with Manifold + Needle Free	20020518

Code	Length
20020518	25 cm
20020519	50cm
20020520	75 cm
20020521	100 cm
20020522	150 cm
20020523	200 cm

Product Description

PVC DEHP Free Tube OD: 4.1mm, ID: 3mm - Fixed Female LL - Fixed Male LL - Manifold - Male LL Cap - Female LL Cap - Needle Free Connector Male to Female

Extension Lines with Stopcock Code List

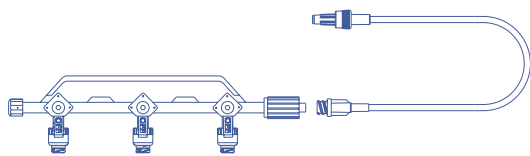| Description	Code No.
IV High Flow 3-Way Stopcock with Extension Line 15cm	20020501
IV Extension Line with 3-Way Stopcock 15cm	20020502
IV Extension Line with 3-Way Stopcock 25cm	20020503
IV Extension Line with 3-Way Stopcock 50cm	20020504
IV Extension Line with 3-Way Stopcock 75cm	20020505
IV Extension Line with 3-Way Stopcock 100cm	20020506
IV Extension Line with 3-Way Stopcock with Needle Free 15cm (Triflow C)	20020507
IV Extension Line with 3-Way Stopcock with Needle Free 25cm (Triflow C)	20020508
IV Extension Line with 3-Way Stopcock with Needle Free 50cm (Triflow C)	20020509
IV Extension Line with 3-Way Stopcock with Needle Free 75cm (Triflow C)	20020510
IV Extension Line with 3-Way Stopcock with Needle Free 100cm (Triflow C)	20020511
IV Extension Line with Manifold 25cm	20020512
IV Extension Line with Manifold 50cm	20020513
IV Extension Line with Manifold 75cm	20020514
IV Extension Line with Manifold 100cm	20020515
IV Extension Line with Manifold 150cm	20020516
IV Extension Line with Manifold 200cm	20020517
IV Extension Line with Manifold + Needle Free 25cm	20020518
IV Extension Line with Manifold + Needle Free 50cm	20020519
IV Extension Line with Manifold + Needle Free 75cm	20020520
IV Extension Line with Manifold + Needle Free 100cm	20020521
IV Extension Line with Manifold + Needle Free 150cm	20020522
IV Extension Line with Manifold + Needle Free 200cm	20020523

Accessories

Accessories

Access

Administration

Sight Care

Male to Female Connector with Check Valve	20030101

Double Spike	20030201

Mini Spike with 1.2um Air Filter – 5um Solution Filter

Code	Color
20030202	Blue
20030203	Green
20030204	Red

Needle Free Connector

Code	Description
20030301	FlowGuard +
20030401	FlowGuard Neu
20030501	FlowGuard -

Manifold 3 Port	20030602

Code	Description
20030601	2 Port
20030603	5 Port
20030701	with Needle Free and Prime Cap 3 Port
20030702	with Needle Free and Prime Cap 5 Port

Stopcock 3-Way Lipid Resistance	20030801

Stopcock 3-Way with Needle Free (Triflow C)	20030901

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INFUSION THERAPY

| Combi Stopper Red | 20030601 |
| SwabCap | 20030602 |

Summary of Accessories Codes

Description	Code No.
Male to Female Connector with Check Valve	20030101
Double Spike	20030201
Mini Spike with 1.2um Air Filter - 5um Solution Filter - Color: Blue	20030202
Mini Spike with 1.2um Air Filter - Color: Green	20030203
Mini Spike with 0.2um Air Filter - 5um Solution Filter- Color: Red	20030204
Needle Free Connector FlowGuard +	20030301
Needle Free Connector FlowGuard Neu	20030401
Needle Free Connector FlowGuard -	20030501
Manifold 2 Port	20030601
Manifold 3 Port	20030602
Manifold 5 Port	20030603
Manifold with Needle Free and Prime Cap 3 Port	20030701
Manifold with Needle Free and Prime Cap 5 Port	20030702
Stopcock 3-Way Lipid Resistance	20030801
Stopcock 3-Way with Needle Free (Triflow C)	20030901
Combi Stopper Color: Red	20031001
Combi Stopper Color: Blue	20031002
SwabCap	20031101

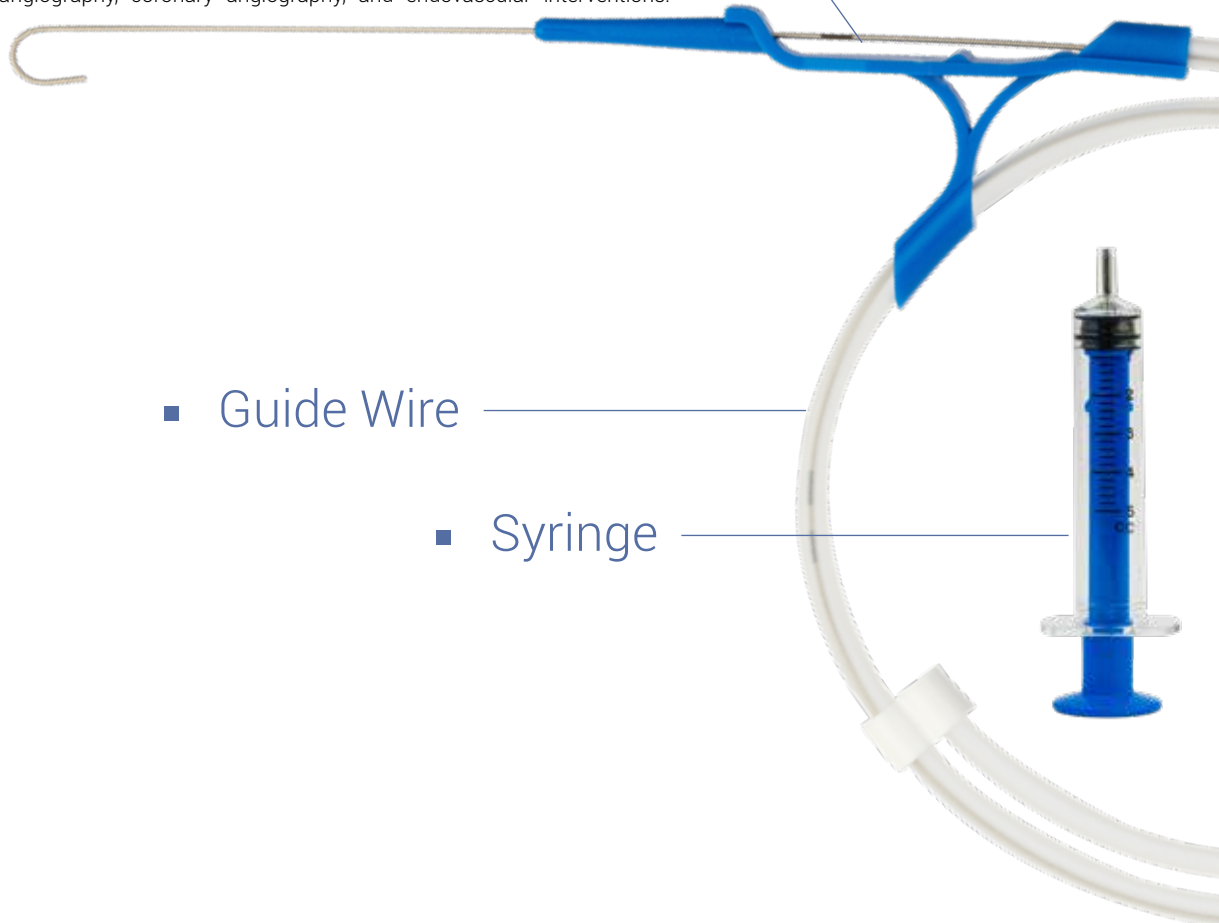| Accessories	Description
Stopcocks	Stopcocks are used to regulate the flow of fluids or medications through medical tubing or catheters. They consist of a small valve that can be turned to control the flow of fluid through the device.
Safety Spike	The spike should be able to pierce the bottle stopper of the infusion bag or bottle, and it should not produce debris.
Mini-Spikes	Sharp devices that are used to pierce the stoppers of vials and other containers of medication. It is used to withdraw medication from vials and to adminsiter it from IV lines.
Needle-free	Needle-free connectors are devices that allow quick access to the infusion line, ensuring a secure connection. It found in positive, negative and neutral pressure.
Manifold	Manifold sets focus on safe and accurate infusion therapy delivery with minimal priming volumes and high flow rates. It has different types according to the number of ports (2, 3 & 5)
Combi-Stoppers	Combi-Stoppers are used to close a luer or luer lock access on other devices.
SwabCap	Acts as a physical barrier to contamination between line accesses and also serves as a disinfecting cleaner for use prior to line access

Central Venous Catheter
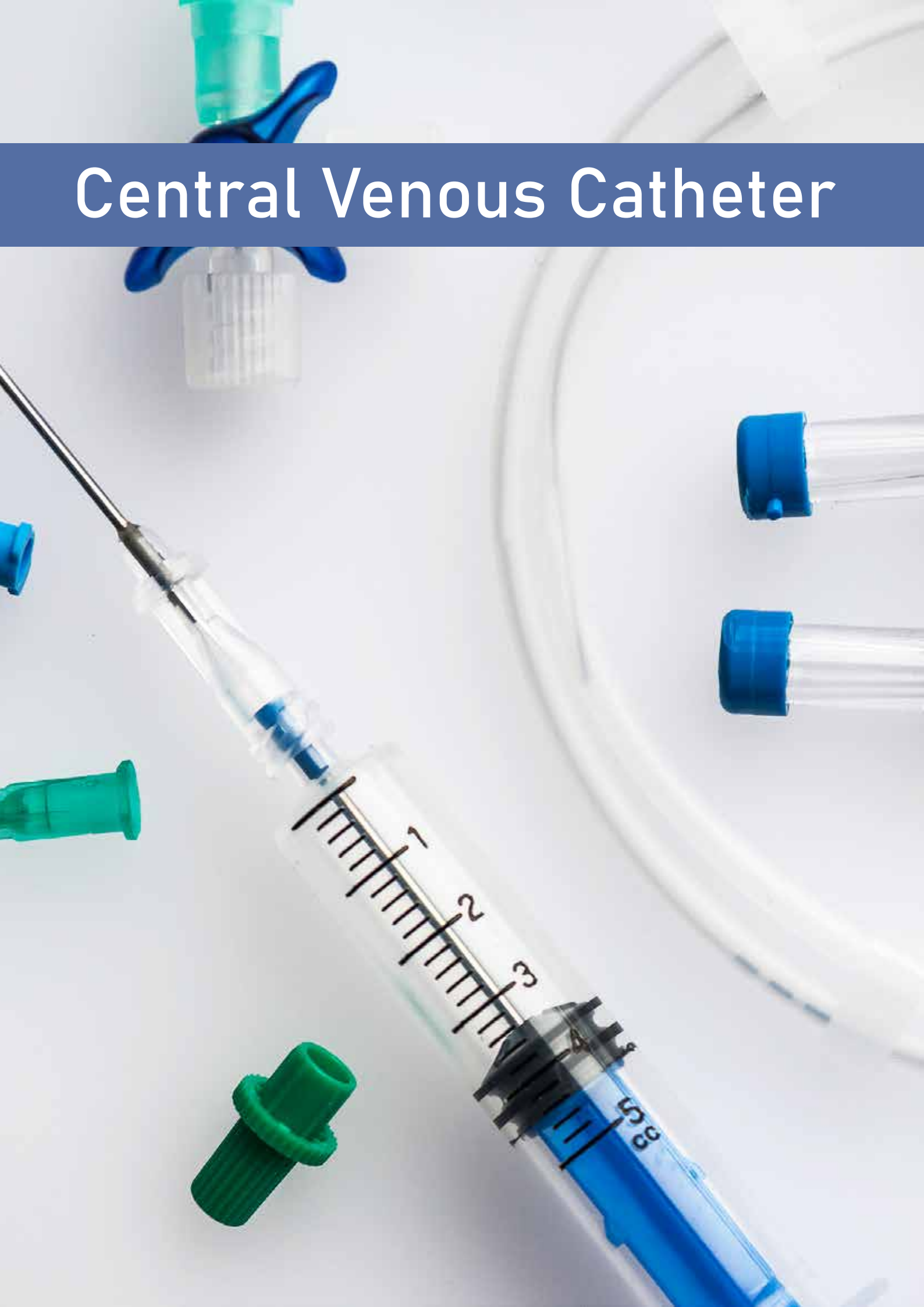
- **PRO**CATH® Standard Sets
- **PRO**CATH® ECO Sets
- **PRO**CATH® Safety Sets
- **PRO**CATH® Pediatric Sets
- **PRO**CATH® High Flow Sets

Central Venous Catheter

■ **Nitinol Guide Wire with Flexiable J-Type**

*Nitinol guide wires are known for their flexibility, durability, and kink resistance. These properties make them ideal for a variety of minimally invasive procedures, such as angiography, coronary angiography, and endovascular interventions.

■ **Guide Wire**

■ **Syringe**
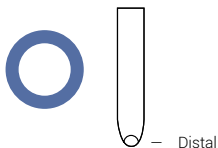
■ **Dilator**

Lumen Variants of **PRO**cath® Catheters

Single

Double
- Proximal
- Distal

Triple
- Proximal
- Middle
- Distal

Quad
- Proximal
- Middle 2
- Middle 1
- Distal
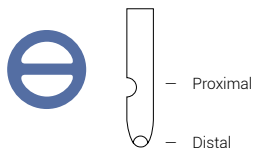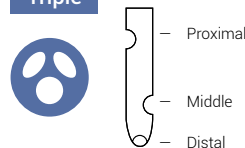
ECG Cable

Needle-Free Valve

Slide Clamp

Scalpel

Triangle Hub
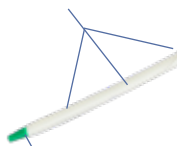
Lumen Variants

Catheter
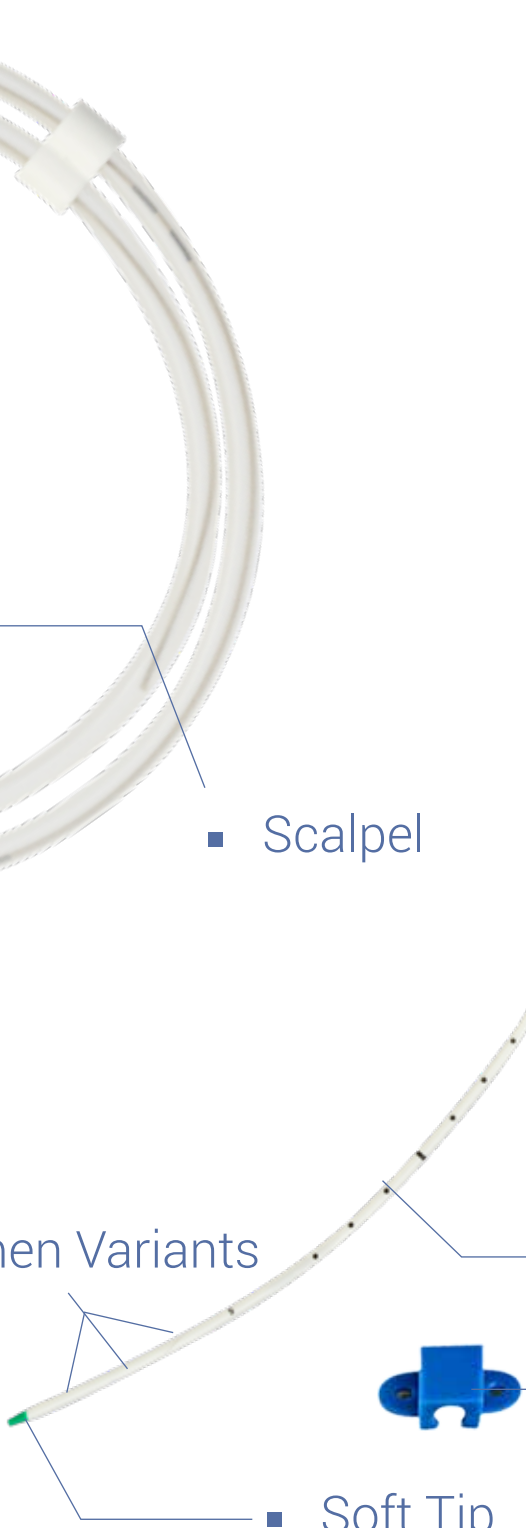
Movable Fixation Clips

Soft Tip

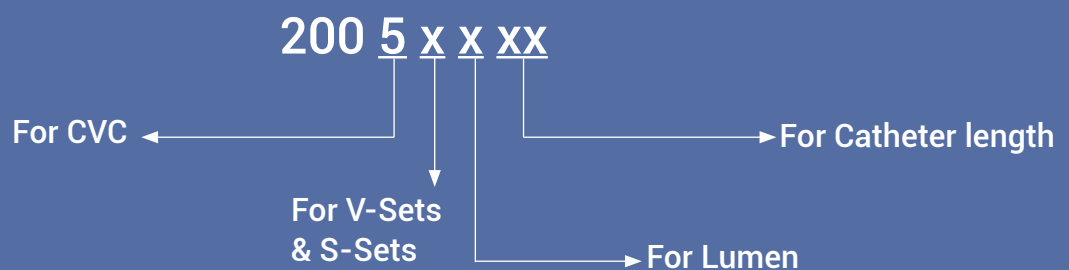| Name	Description
Catheter	Reduces the risk of mixing incompatible drugs
Lumen Variants	Available in different ports; single, double, triple, quad
Triangle Hub	Information marked clearly on the hubs
Movable Fixation Clip	The device consists of an adhesive dressing and a clamp part to reduce catheter migration and pull out.
Soft Tip	Minimizes the risk of vessel trauma

- A central venous catheter, also called a central line or CVC, is a device that helps to receive treatments for various medical conditions.

- It's made of a long, thin, flexible Tube that enters body through a vein. The Tube travels through one or more veins until the tip reaches the large vein that empties into heart (vena cava).

- There is an outer surface of the skin is called hub, and the underneath part in skin is called reservoir. The hub or reservoir is the access point for your treatment.

- A CVC allows healthcare providers to access patient's bloodstream easily, reducing the need for many needle sticks into vein. So, a CVC is ideal for people who need long-term medications, fluids, blood draws or blood transfusions. including total parenteral nutrition administration, dialysis, plasmapheresis, medication administration, and hemodynamic monitoring, and to facilitate further complex interventions such as transvenous pacemaker placement.

CVC Coding System

200 5 x x xx

For CVC

For V-Sets & S-Sets

For Lumen

For Catheter length

PRO_{CATH}® Standard Sets

Single Lumen (S-Sets)

| Name | Catheter | | | | | Nitinol Guidewire | | Dilator | Code |
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm		
Single S 415	4	15	18	23	0.300	50	0.63	5	20050101
Single S 420	4	20	18	29	0.315	50	0.63	5	20050102
Single S 515	5	15	16	60	0.370	50	0.89	6	20050103
Single S 520	5	20	16	52	0.415	50	0.89	6	20050104
Single S 530	5	30	16	40	0.510	70	0.89	6	20050105
Single S 615	6	15	14	90	0.455	50	0.89	8	20050106
Single S 620	6	20	14	80	0.535	50	0.89	8	20050107
Single S 630	6	30	14	75	0.690	70	0.89	8	20050108

Accessories

1. **Raulerson Syringe:** 5ml
2. **Scalpel:** 1x
3. **Luer Locks:** 1x
4. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 20 - 18

Double Lumen (S-Sets)

| Name | Catheter | | | | | Nitinol Guide-wire | | Code |
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Double S 715	7	15	16/16	60/50	0.400/0.335	50	0.89	20050201
Double S 720	7	20	16/16	55/45	0.455/0.380	50	0.89	20050202
Double S 730	7	30	16/16	52/37	0.570/0.470	70	0.89	20050203

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Scalpel:** 1x
4. **Luer Locks:** 2x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

*NOTE: Other Varities (V-Sets) 20051xxx are available upon request

Triple Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Triple S 715	7	15	16/18/18	50/28/28	0.340/0.205/0.205	50	0.89	20050301
Triple S 720	7	20	16/18/18	46/22/22	0.380/0.215/0.205	50	0.89	20050302
Triple S 730	7	30	16/18/18	38/18/18	0.460/0.240/0.230	70	0.89	20050303

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Scalpel:** 1x
4. **Luer Locks:** 3x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

Quad Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Quad S 855	8.5	15	14/18/18/16	50/20/20/50	0.435/0.205/0.260/0.255	50	0.89	20050401
Quad S 852	8.5	20	14/18/18/16	40/15/15/40	0.500/0.215/0.280/0.295	50	0.89	20050402
Quad S 853	8.5	30	14/18/18/16	35/10/10/35	0.635/0.240/.325/0.380	70	0.89	20050403

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Scalpel:** 1x
4. **Luer Locks:** 4x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

S	Seldinger technique(thin-wall needle technique) is commonly used procedure to obtain safe access to central vein. The desired vessel is punctured with a sharp hollow needle, syringe is detached and guidewire is advanced through the lumen of the needle, and then the needle is withdrawn.
V	Valve needle. A central venous catheter (CVC), also known as a central line (c-line), central venous line, or central venous access catheter, is a catheter placed into a large vein. It is a form of venous access.

PROCATH® ECO Sets

Single Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Dilator	Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm		
Single S 415	4	15	18	23	0.300	50	0.63	5	20052101
Single S 420	4	20	18	29	0.315	50	0.63	5	20052102
Single S 515	5	15	16	60	0.370	50	0.89	6	20052103
Single S 520	5	20	16	52	0.415	50	0.89	6	20052104
Single S 530	5	30	16	40	0.510	70	0.89	6	20052105
Single S 615	6	15	14	90	0.455	50	0.89	8	20052106
Single S 620	6	20	14	80	0.535	50	0.89	8	20052107
Single S 630	6	30	14	75	0.690	70	0.89	8	20052108

Accessories

1. **Raulerson Syringe:** 5ml
2. **Scalpel:** 1x
3. **Luer Locks:** 1x
4. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 20 - 18

Double Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Double S 715	7	15	16/16	60/50	0.400/0.335	50	0.89	20052201
Double S 720	7	20	16/16	55/45	0.455/0.380	50	0.89	20052202
Double S 730	7	30	16/16	52/37	0.570/0.470	70	0.89	20052203

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Scalpel:** 1x
4. **Luer Locks:** 2x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

Quality In Care

Triple Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Triple S 715	7	15	16/18/18	50/28/28	0.340/0.205/0.205	50	0.89	20052301
Triple S 720	7	20	16/18/18	46/22/22	0.380/0.215/0.205	50	0.89	20052302
Triple S 730	7	30	16/18/18	38/18/18	0.460/0.240/0.230	70	0.89	20052303

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Scalpel:** 1x
4. **Luer Locks:** 3x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

Quad Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Quad S 855	8.5	15	14/18/18/16	50/20/20/50	0.435/0.205/0.260/0.255	50	0.89	20052401
Quad S 852	8.5	20	14/18/18/16	40/15/15/40	0.500/0.215/0.280/0.295	50	0.89	20052402
Quad S 853	8.5	30	14/18/18/16	35/10/10/35	0.635/0.240/.325/0.380	70	0.89	20052403

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Scalpel:** 1x
4. **Luer Locks:** 4x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

- CVCs are often used for patients who require long-term IV medications or frequent blood draws, such as those receiving chemotherapy, long-term antbiotic therapy, or parenteral nutrition. They may also be used in critical care settings for monitoring hemodynamic parameters, administering medications and providing fluids.

- CVC insertion is typically performed by a trained healthcare provider using sterile techniques to minimize the risk of infection. Complications of CVCs may include infection, clotting, bleeding, or damage to surrounding tissues or organs.

PROCATH® Safety Sets

Single Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Dilator	Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm		
Single SS 415	4	15	18	23	0.300	50	0.63	5	20053101
Single SS 420	4	20	18	29	0.315	50	0.63	5	20053102
Single SS 515	5	15	16	60	0.370	50	0.89	6	20053103
Single SS 520	5	20	16	52	0.415	50	0.89	6	20053104
Single SS 530	5	30	16	40	0.510	70	0.89	6	20053105
Single SS 615	6	15	14	90	0.455	50	0.89	8	20053106
Single SS 620	6	20	14	80	0.535	50	0.89	8	20053107
Single SS 630	6	30	14	75	0.690	70	0.89	8	20053108

Accessories

1. **Regular Syringe:** 5ml
2. **Safety Scalpel #11:** 1x
3. **Luer Locks:** 1x
4. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** Safety-S
2. **Gauge:** 20 - 18

Double Lumen (S-Sets)

Name	Catheter					Nitinol Guide-wire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Double SS 715	7	15	16/16	60/50	0.400/0.335	50	0.89	20053201
Double SS 720	7	20	16/16	55/45	0.455/0.380	50	0.89	20053202
Double SS 730	7	30	16/16	52/37	0.570/0.470	70	0.89	20053203

Accessories

1. **Regular Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 2x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** Safety-S
2. **Gauge:** 18

**NOTE: Other Varities (V-Sets) 20054xxx are available upon request*

Quality In Care

Triple Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Triple SS 715	7	15	16/18/18	50/28/28	0.340/0.205/0.205	50	0.89	20053301
Triple SS 720	7	20	16/18/18	46/22/22	0.380/0.215/0.205	50	0.89	20053302
Triple SS 730	7	30	16/18/18	38/18/18	0.460/0.240/0.230	70	0.89	20053303

Accessories

1. **Regular Syringe:** 5ml
2. **Dilator:** 8 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 3x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** Safety-S
2. **Gauge:** 18

Quad Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M1/M2/M3/P	Min. Flow Rate (ml) D/M1/M2/M3/P	Filling Volume (ml) D/M1/M2/M3/P	Length (cm)	Φ (mm	
Quad SS 855	8.5	15	14/18/18/16	50/20/20/50	0.435/0.205/0.260/0.255	50	0.89	20053401
Quad SS 852	8.5	20	14/18/18/16	40/15/15/40	0.500/0.215/0.280/0.295	50	0.89	20053402
Quad SS 853	8.5	30	14/18/18/16	35/10/10/35	0.635/0.240/.325/0.380	70	0.89	20053403

Accessories

1. **Regular Syringe:** 5ml
2. **Dilator:** 9 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 4x
5. **Connection ECG Cable:** 1x

Introducer Needle

1. **Type:** Safety-S
2. **Gauge:** 18

PRO CATH® Pediatric Sets

Single Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M/P	Min. Flow Rate (ml) D/M/P	Filling Volume (ml) D/M/P	Length (cm)	Φ (mm	
Single PS 310	3	10	22	15	0.100	25	0.46	20055101

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 4 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 1x

Introducer Needle

1. **Type:** S
2. **Gauge:** 21

Double Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M/P	Min. Flow Rate (ml) D/M/P	Filling Volume (ml) D/M/P	Length (cm)	Φ (mm	
Double PS 408	4	8	22/22	18/18	0.235/0.205	50	0.46	20055201
Double PS 413	4	13	22/22	10/10	0.255/0.225	50	0.46	20055202
Double PS 420	4	20	22/22	9/9	0.275/0.250	50	0.46	20055203
Double PS 508	5	8	18/20	30/15	0.250/0.205	50	0.46	20055204
Double PS 513	5	13	18/20	22/11	0.270/0.225	50	0.46	20055205
Double PS 520	5	20	18/20	18/9	0.300/0.250	50	0.46	20055206

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 5 - 6 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 2x

Introducer Needle

1. **Type:** S
2. **Gauge:** 21

*NOTE: Other Varities (V-Sets) 20056xxx are available upon request

Quality In Care

Triple Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M/P	Min. Flow Rate (ml) D/M/P	Filling Volume (ml) D/M/P	Length (cm)	Φ (mm	
Triple PS 715	5	8	20/22/22	30/15/15	0.235/0.185/0.180	50	0.46	20055301
Triple PS 720	5	13	20/22/22	29/10/10	0.260/0.200/0.195	50	0.46	20055302
Triple PS 730	5	20	20/22/22	18/6/6	0.290/0.215/0.210	70	0.46	20055303

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 6 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 3x

Introducer Needle

1. **Type:** S
2. **Gauge:** 21

CE 1639
ISO 13485

INFUSION THERAPY

PROCATH® High Flow Sets

Double Lumen (S-Sets)

Name	Catheter					Nitinol Guide wire		Dilator	Code
	Siize	Length	Lumen Φ (Guage) D/M/P	Min. Flow Rate (ml) D/M/P	Filling Volume (ml) D/M/P	Length (cm)	Φ (mm		
Double HF S 715	7	15	14/18	105/42	0.235/0.205	50	0.89	8	20058201
Double HF S 720	7	20	14/18	100/27	0.255/0.225	50	0.89	8	20058202
Double HF S 852	8.5	20	13/13	95/120	0.275/0.250	50	0.89	9	20058203
Double HF S 1215	12	15	11/11	260/260	0.250/0.205	50	0.89	12	20058204
Double HF S 1220	12	20	11/11	230/230	0.270/0.225	50	0.89	12	20058205

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 5 - 6 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 2x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

Triple Lumen (S-Sets)

Name	Catheter					Nitinol Guidewire		Code
	Siize	Length	Lumen Φ (Guage) D/M/P	Min. Flow Rate (ml) D/M/P	Filling Volume (ml) D/M/P	Length (cm)	Φ (mm	
Triple HF S 1215	12	15	16/12/12	65/225/225	0.415/1.260/1.170	50	0.89	20058301
Triple HF S 1220	12	20	16/12/12	55/165/165	0.470/1.410/1.400	50	0.89	20058302

Accessories

1. **Raulerson Syringe:** 5ml
2. **Dilator:** 12 Fr
3. **Safety Scalpel #11:** 1x
4. **Luer Locks:** 3x

Introducer Needle

1. **Type:** S
2. **Gauge:** 18

*NOTE: Other Varities (V-Sets) 20059xxx are available upon request

IV Cannulas

- Standard IV Cannula

- Safety IV Cannula

- Safety Closed IV Cannula

- Standard Neonate Cannula

- Standard with Integrated 3 Way

IV Cannulas

- IV cannulas, also known as IV catheters, are small, flexible Tubes that are inserted into a vein for the purpose of administering medication, fluids, or blood products directly into the bloodstream.

- IV cannulas are available in different gauges, which refer to the diameter of the catheter. A higher gauge number indicates a smaller diameter, with 18-24 gauge being the most common sizes used in clinical settings.

- The choice of gauge depends on the intended use of the IV cannula, the size and condition of the patient's veins, and the type of fluid or medication being administered.
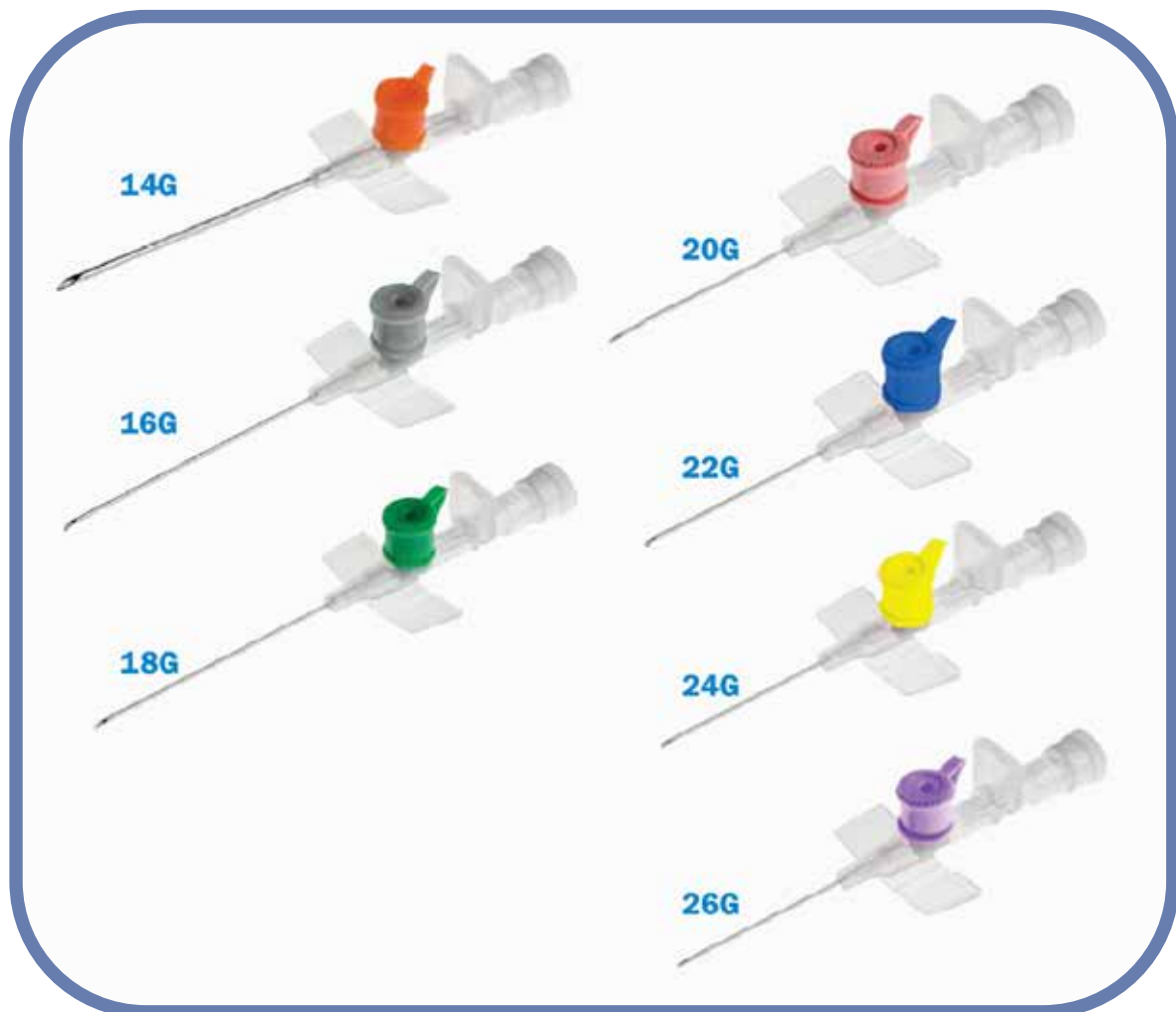
Standard IV Cannula

PRIMEFLOW® without Port / without Wings

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20040101	20040201	26	19	0.6	15	🟣
20040102	20040202	24	19	0.7	20	🟡
20040103	20040203	22	25	0.9	33	🔵
20040104	20040204	20	32	1.1	60	🩷
20040105	20040205	18	45	1.3	90	🟢
20040106	20040206	17	45	1.5	140	⚪
20040107	20040207	16	45	1.7	200	⚫
20040108	20040208	14	45	2.1	300	🟠

PRIMEFLOW® with Wings

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20040301	20040401	26	19	0.6	15	🟣
20040302	20040402	24	19	0.7	20	🟡
20040303	20040403	22	25	0.9	33	🔵
20040304	20040404	20	32	1.1	60	🩷
20040305	20040405	18	45	1.3	90	🟢
20040306	20040406	17	45	1.5	140	⚪
20040307	20040407	16	45	1.7	200	⚫
20040308	20040408	14	45	2.1	300	🟠

PRIMEFLOW® with Injection Port and Wings

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20040501	20040601	26	19	0.6	15	🟣
20040502	20040602	24	19	0.7	20	🟡
20040503	20040603	22	25	0.9	33	🔵
20040504	20040604	20	32	1.1	60	🩷
20040505	20040605	18	45	1.3	90	🟢
20040506	20040606	17	45	1.5	140	⚪
20040507	20040607	16	45	1.7	200	⚫
20040508	20040608	14	45	2.1	300	🟠

Quality In Care

Safety IV Cannula

PROGUARD® Safety without Port and Wings

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20040701	20040801	26	19	0.6	15	🟣
20040702	20040802	24	19	0.7	20	🟡
20040703	20040803	22	25	0.9	33	🔵
20040704	20040804	20	32	1.1	60	🟣
20040705	20040805	18	45	1.3	90	🟢
20040706	20040806	17	45	1.5	140	⚪
20040707	20040807	16	45	1.7	200	⚫
20040708	20040808	14	45	2.1	300	🟠

PROGUARD® Safety with Wings

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20040901	20041001	26	19	0.6	15	🟣
20040902	20041002	24	19	0.7	20	🟡
20040903	20041003	22	25	0.9	33	🔵
20040904	20041004	20	32	1.1	60	🟣
20040905	20041005	18	45	1.3	90	🟢
20040906	20041006	17	45	1.5	140	⚪
20040907	20041007	16	45	1.7	200	⚫
20040908	20041008	14	45	2.1	300	🟠

PROGUARD® Safety with Injection Port and Wings

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20041101	20041201	26	19	0.6	15	🟣
20041102	20041202	24	19	0.7	20	🟡
20041103	20041203	22	25	0.9	33	🔵
20041104	20041204	20	32	1.1	60	🟣
20041105	20041205	18	45	1.3	90	🟢
20041106	20041206	17	45	1.5	140	⚪
20041107	20041207	16	45	1.7	200	⚫
20041108	20041208	14	45	2.1	300	🟠

Safety Closed IV Cannula

PROGUARD+® Safety with Filter and Wing

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20041301	20041401	26	19	0.6	15	●
20041302	20041402	24	19	0.7	20	●
20041303	20041403	22	25	0.9	33	●
20041304	20041404	20	32	1.1	60	●
20041305	20041405	18	45	1.3	90	●
20041306	20041406	17	45	1.5	140	○
20041307	20041407	16	45	1.7	200	●
20041308	20041408	14	45	2.1	300	●

Standard Neonate Cannula

PRIMEFLOW-NEO® Safety with Wing Without Port

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20041501	20041601	26	19	0.6	15	●
20041502	20041602	24	19	0.7	20	●
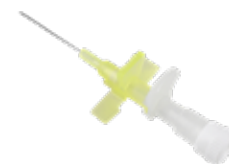
PRIMEFLOW-NEO® Safety with Wing and Wing Cap without Port

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20041701	20041801	26	19	0.6	15	●
20041702	20041802	24	19	0.7	20	●

Standard with Integrated 3 Way

PROGUARD+® Standard with Integrated 3 Way Stopcock

Code – FEP	Code – PUR	Gauge	Length (MM)	Catheter Φ(MM)	Flow rate (Ml/ Min)	CC
20041901	20042001	24	19	0,7	20	●
20041902	20042002	22	25	0.9	33	●
20041903	20042003	20	32	1.1	60	●
20041904	20042004	18	45	1.3	90	●

Quality In Care

Syringes

- Standard 3-Pcs Syringe

- Standard 2-Pcs Syringe

- Safety 3-Pcs Syringe

- Safety 2-Pcs Syringe

- Standard 3-Pcs Syringe with Catheter Tip

- Insulin Syringes

- 3-Pcs Enfit Enteral Syringes

- 3-Pcs Enfit Enteral Syringes

Syringes

- Syringes are medical devices used for the administration of medications or the withdrawal of body fluids. They consist of a cylindrical barrel, a plunger, and a needle or a tip.

- The barrel is marked with volume measurements in milliliters (ml) or cubic centimeters (cc), which allows for accurate measurement of the volume of medication being administered or withdrawn.

- Syringes are also used for the withdrawal of body fluids, such as blood or cerebrospinal fluid, for diagnostic or therapeutic purposes.

Luer Slip

Luer Lock

CE 1639
ISO 13485

Standard 3-Pcs Syringe

Luer Slip without Needle

Code	Size	Core	Graduation
20060101	1 ML	Centric	0.01 ml
20060102	3 ML	Centric	0.1 ml
20060203	5 ML	Eccentric	0.2 ml
20060204	10 ML	Eccentric	0.5 ml
20060205	20 ML	Eccentric	1 ml
20060206	30 ML	Eccentric	1 ml
20060207	50 ML	Eccentric	1 ml

Luer Lock without Needle

Code	Size	Core	Graduation
20060301	1 ML	Centric	0.01 ml
20060302	3 ML	Centric	0.1 ml
20060303	5 ML	Centric	0.2 ml
20060304	10 ML	Centric	0.5 ml
20060305	20 ML	Centric	1 ml
20060306	30 ML	Centric	1 ml
20060307	50 ML	Centric	1 ml
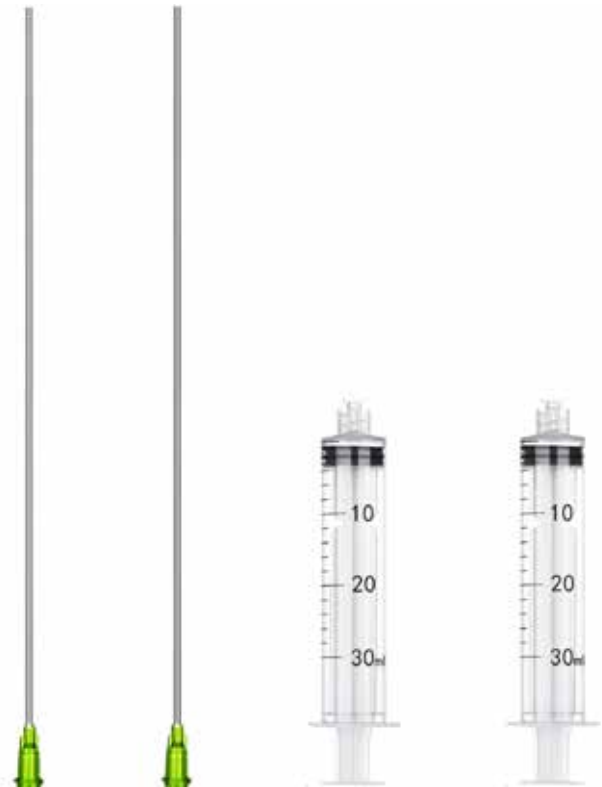
Luer Slip with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20060401	1 ML	Centric	0.01 ml	25 G	8mm
20060402	3 ML	Centric	0.1 ml	23 G	10mm
20060503	5 ML	Eccentric	0.2 ml	22 G	15mm
20060504	10 ML	Eccentric	0.5 ml	21 G	15mm
20060505	20 ML	Eccentric	1 ml	21 G	15mm

Luer Lock with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20060601	1 ML	Centric	0.01 ml	25 G	8mm
20060602	3 ML	Centric	0.1 ml	23 G	10mm
20060603	5 ML	Centric	0.2 ml	22 G	15mm
20060604	10 ML	Centric	0.5 ml	21 G	15mm
20060605	20 ML	Centric	1 ml	21 G	15mm

Standard 2-Pcs Syringe

Luer Slip without Needle

Code	Size	Core	Graduation
20061101	1 ML	Centric	0.01 ml
20061202	3 ML	Eccentric	0.1 ml
20061203	5 ML	Eccentric	0.2 ml
20061204	10 ML	Eccentric	0.5 ml
20061205	20 ML	Eccentric	1 ml

Luer Lock without Needle

Code	Size	Core	Graduation
20061301	1 ML	Centric	0.01 ml
20061302	3 ML	Centric	0.1 ml
20061303	5 ML	Centric	0.2 ml
20061304	10 ML	Centric	0.5 ml
20061305	20 ML	Centric	1 ml

Luer Slip with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20061401	1 ML	Centric	0.01 ml	25 G	8mm
20061402	3 ML	Eccentric	0.1 ml	23 G	10mm
20061403	5 ML	Eccentric	0.2 ml	22 G	15mm
20061404	10 ML	Eccentric	0.5 ml	21 G	15mm
20061405	20 ML	Eccentric	1 ml	21 G	15mm

Luer Lock with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20061601	1 ML	Centric	0.01 ml	25 G	8mm
20061602	3 ML	Centric	0.1 ml	23 G	10mm
20061603	5 ML	Eccentric	0.2 ml	22 G	15mm
20061604	10 ML	Eccentric	0.5 ml	21 G	15mm
20061605	20 ML	Eccentric	1 ml	21 G	15mm

CE 1639
ISO 13485

Safety 3-Pcs Syringe

Luer Slip without Needle

Code	Size	Core	Graduation
20062101	1 ML	Centric	0.01 ml
20062102	3 ML	Centric	0.1 ml
20062103	5 ML	Eccentric	0.2 ml
20062104	10 ML	Eccentric	0.5 ml
20062105	20 ML	Eccentric	1 ml
20062106	30 ML	Eccentric	1 ml
20062107	50 ML	Eccentric	1 ml

Luer Lock without Needle

Code	Size	Core	Graduation
20062301	1 ML	Centric	0.01 ml
20062302	3 ML	Centric	0.1 ml
20062303	5 ML	Centric	0.2 ml
20062304	10 ML	Centric	0.5 ml
20062305	20 ML	Centric	1 ml
20062306	30 ML	Centric	1 ml
20062307	50 ML	Centric	1 ml

Luer Slip with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20062401	1 ML	Centric	0.01 ml	25 G	8mm
20062402	3 ML	Centric	0.1 ml	23 G	10mm
20062403	5 ML	Eccentric	0.2 ml	22 G	15mm
20062404	10 ML	Eccentric	0.5 ml	21 G	15mm
20062405	20 ML	Eccentric	1 ml	21 G	15mm

Luer Lock with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20062601	1 ML	Centric	0.01 ml	25 G	8mm
20062602	3 ML	Centric	0.1 ml	23 G	10mm
20062603	5 ML	Centric	0.2 ml	22 G	15mm
20062604	10 ML	Centric	0.5 ml	21 G	15mm
20062605	20 ML	Centric	1 ml	21 G	15mm

Safety 2-Pcs Syringe

Luer Slip without Needle

Code	Size	Core	Graduation
20063101	1 ML	Centric	0.01 ml
20063102	3 ML	Eccentric	0.1 ml
20063103	5 ML	Eccentric	0.2 ml
20063104	10 ML	Eccentric	0.5 ml
20063105	20 ML	Eccentric	1 ml

Luer Lock without Needle

Code	Size	Core	Graduation
20063301	1 ML	Centric	0.01 ml
20063302	3 ML	Centric	0.1 ml
20063303	5 ML	Centric	0.2 ml
20063304	10 ML	Centric	0.5 ml
20063305	20 ML	Centric	1 ml

Luer Slip with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20063401	1 ML	Centric	0.01 ml	25 G	8mm
20063402	3 ML	Eccentric	0.1 ml	23 G	10mm
20063403	5 ML	Eccentric	0.2 ml	22 G	15mm
20063404	10 ML	Eccentric	0.5 ml	21 G	15mm
20063405	20 ML	Eccentric	1 ml	21 G	15mm

Luer Lock with Needle

Code	Size	Core	Graduation	Needle Guage	Length
20063601	1 ML	Centric	0.01 ml	25 G	8mm
20063602	3 ML	Centric	0.1 ml	23 G	10mm
20063603	5 ML	Eccentric	0.2 ml	22 G	15mm
20063604	10 ML	Eccentric	0.5 ml	21 G	15mm
20063605	20 ML	Eccentric	1 ml	21 G	15mm

Standard 3-Pcs Syringe with Catheter Tip

Catheter Tip

Code	Size	Core	Graduation
20064107	50 ML	Centric	1 ml
20064209	100 ML	Centric	2 ml

Insulin Syringes

Syring with Integrated Needle

Code	Size	Core	Graduation	Needle Guage	Length
20065201	1 ML	Centric	0.01 ml	30 G	8mm

Luer Slip wih Needle

Code	Size	Core	Graduation	Needle Guage	Length
20065101	1 ML	Centric	0.01 ml	30 G	8mm

3-Pcs Enfit Enteral Syringes

Luer Enfit

Code	Size	Core	Graduation
20066101	1 ML	Centric	0.01 ml
20066202	3 ML	Eccentric	0.1 ml
20066203	5 ML	Eccentric	0.1 ml
20066204	10 ML	Eccentric	0.1 ml
20066205	20 ML	Eccentric	1 ml
20066206	60 ML	Eccentric	1 ml
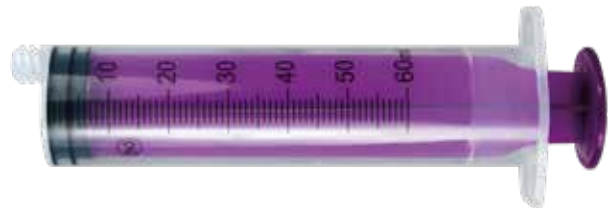
Spectraline Syringes

Syringe with Luer Lock

Code	Size	color	Graduation
20067101	10 ML	⚪	1 ml
20067102	10 ML	🔵	1 ml
20067103	10 ML	🟢	1 ml
20067104	10 ML	🟡	1 ml
20067105	10 ML	🔴	1 ml
20067201	20 ML	⚪	1 ml
20067202	20 ML	🔵	1ml
20067203	20 ML	🟢	1 ml
20067204	20 ML	🟡	1 ml
20067105	20 ML	🔴	1 ml

Quality In Care

Site Care

Fixation Dressing

Non-Woven Cannula Fixation Dressing

Non-Woven cannula fixation dressing consists of soft non-woven fabric. It ensures that the cannula is properly fixed to the body.

Features

1. Soft and elastic structure
2. Hypoallergenic
3. Sterile and single package
4. Air permeable

Transparent Cannula Fixation Dressing

Features

1. Waterproof
2. Soft and elastic structure
3. Hypoallergenic
4. Sterile and single package

Size (cm)	Code
4 x 6	60120207
6 x 7	60120208
7 x 9	60120209
8 x 6	60120210
8.5 x 10	60120211
9 x 12	60120212

CE 1639
ISO 13485

I.V. Advanced Securement Dressing

It is used for the fixation of catheters, such as indwelling needles, epidural catheters, central venous catheters, etc.

Size (cm)	Code
2 × 8	60120617

Features

1. Fixed firmly
2. Reduced patient›s pain
3. Convenient for clinical operation
4. Prevention of catheter detachment & movement

PE Tape

- It is a kind of tape made of Polyethylene (PE) and medical hypoallergenic adhesive. Breathable with reliable adhesiveness, low sensitization, excellent compliance and no residue glue.

- It is used in surgical operation, for the fastening of dressing or catheter, in sports protection, & industrial packaging as well.

Size (cm x mm)	Code
1.25 x 5	60100310
2.5 x 5	60100311
5 x 5	60100312
7.5 x 5	60100313

1. Air-permeable, hypoallergenic
2. Easy to tear off making usage **very convenient** & comfortable.
3. Breathable, with reliable **adhesiveness and low sensitization**.
4. Made from **non-stretch polyethylene** film with high tensile strength.

Silicone Tape

- Reduces pain & trauma before, at and after dressing change & has low potential for irritation,allergy.

- Does not adhere to the moist wound bed but only the dry skin.

Size (cm x mm)	Code
2.5 x 1.5	60100621
3.5 x 1.5	60100622
4 x 1.5	60100623
7.5 x 1.5	60100624
9.5 x 1.5	60100625
4 x 3	60100626

Non-Woven Tape

Non-woven tape, also known as non-woven adhesive tape or non-woven medical tape, is a type of medical tape commonly used in healthcare settings for securing dressings, bandages, or other medical devices.

Size (cm x mm)	Code
1.25x5	60100205
2.5x5	60100206
5x5	60100207
10x5	60100208
7.5x5	60100209

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INFUSION THERAPY

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