

Company Profile

Ishwari Healthcare Pvt. Ltd. is a progressive & innovative company dedicated to serve world market by providing superior services, user-friendly and state-of-the-art Healthcare Disposables & Devices conforming to international standards at competitive prices. Incorporated in year 1998, the company has created distinct identity in short span of time.

Putting technology to the best use combined with the spirit of innovativeness and creativity, the company is providing world-class products to cater the needs of global customers more effectively and efficiently.

Manufacturing: The production is carried out in a harmonious environment with in process quality control to the highest consistency with traceability and documentation. Production facilities have been constructed and maintained inline with the GMP. The products are manufactured in an advanced and integrated plant having in-house ultra modern facilities for production and equipped with all kinds of latest machineries, machines blister packaging, ethylene oxide gas sterilization, and a class 10,000 clean room for assembly line validating highest level of clinical safety. Disposable medical devices are sterilized by ethylene oxide gas complying with the requirements of EN 550.

Quality Edge: Quality is our most successful attribute & is given big emphasis. Patient's safety and comfort are of the highest concern in our industry. **Ishwari Healthcare** complies always with international quality standards such as EN ISO 9001:2008 and EN ISO 13485:2003 as well as "CE" Marking. All raw materials and finished products are submitted to stringent quality control by a highly qualified team.

Compliance with these internationally recognized standards enables **Ishwari Healthcare** to market products worldwide and provides a high level of assurance that customers will receive the best possible products and services.

Surgical Sutures & Mesh

Surgical Suture is used to close the edges of a wound or incision and to repair damaged tissue.

Sutures are often coated, especially braided or twisted sutures. They may also be dyed to make them easy to see during surgery. Suture needles are made of stainless or carbon steel. The needles may be nickel-plated or electroplated. Sutures needles of different types, size and curvature are available ranging from 4 mm to 60 mm in length and from 200 micron to as thick as size 6 of the suture in diameter. Packaging material includes water-resistant foil, such as aluminum foil, as well as cardboard and plastic.

At Ishwari Healthcare, we have always been thriving to produce products that are technologically and clinically conforming to international standard.

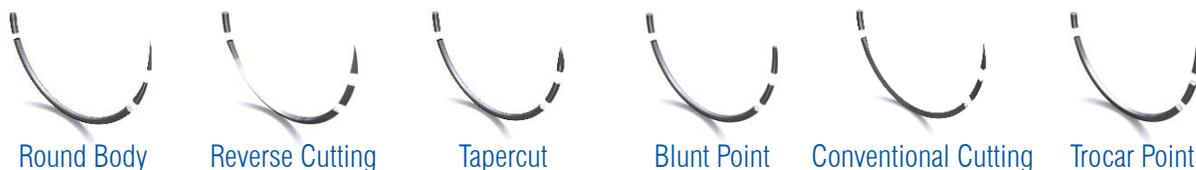
ESSENTIAL SUTURE CHARACTERISTICS

- Sterile
- Inert (non reactive)
- Uniform diameter and size
- High tensile strength retention
- Can be used in any surgical procedure
- Easy to handle and ties down well
- Knot is absolutely secure and is absorbed once the purpose is over

NEEDLE SHAPES



NEEDLE PROFILE



ABSORBABLE SUTURES



NON ABSORBABLE SUTURES





PROCRYL

Braided & Coated
Polyglycolic Acid (PGA) Suture



- Coated, braided, versatile synthetic absorbable sterile surgical suture for medium term wound support
- Predictable absorption, excellent tensile strength & knot security, excellent handling properties, smooth tissue passage, outstanding pliability
- Colour: Violet & Undyed
- Wound Support: Medium term, 27-30 days
- Absorption Profile: 60-90 days
- U.S.P. Range: Gauge sizes 8-0 to 2

PROCRYL Rapid

Braided & Coated
Polyglycolic Acid (PGA) Suture
(Fast absorbable)



- Coated, braided, synthetic absorbable sterile surgical suture for short term wound support
- Quick and predictable absorption, short and consistent wound support, no need for suture removal, excellent tensile strength and knot security, smooth tissue passage
- Colour: Undyed
- Wound Support: Short term, 7-10 Days
- Absorption Profile: 42 days
- U.S.P. Range: Gauge sizes 3-0 to 0

PROCRYL 910

Braided & Coated
Polyglactin 910 Suture



- Coated, braided, synthetic absorbable, sterile surgical suture for medium term wound support with well proven record and composition
- Excellent tensile strength, predictable absorption by simple hydrolysis, precise knot placement, minimal tissue reaction, coating ensures smooth tissue passage
- Colour : Violet & Undyed
- Wound Support: Medium term, 28-30 days | Absorption Profile: 56-70 days
- U.S.P. Range: Gauge sizes 6-0 to 2

PROCRYL 910 Rapid

Braided & Coated
Polyglactin 910 Suture
(Fast Absorbable)



- Coated, braided, synthetic fast absorbable sterile surgical suture for short term wound support
- Excellent knot security, easy knot placement, absorbs quickly, ideal in short term tissue approximation, coating ensures smooth tissue passage
- Colour: Undyed
- Wound Support: Short term, 10-14 days
- Absorption Profile: 35-42 days
- U.S.P. Range: Gauge sizes 6-0 to 2

PROCRYL MONO

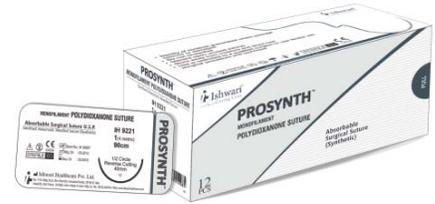
Monofilament
Poliglecaprone 25 Suture



- Synthetic, absorbable, sterile surgical monofilament suture with excellent smoothness and pliability for short-medium term wound support
- Smooth and least tissue drag, higher initial tensile strength, predictable absorption, better knot security, easy to handle, minimized risk of suture line infection
- Colour: Undyed / Dyed (Violet)
- Wound Support: Short-medium term, 21 days | Absorption Profile: 90-120 days
- U.S.P. Range: Gauge sizes 5-0 to 2

PROSYNTH

Monofilament
Polydioxanone Suture



- Synthetic, absorbable, sterile surgical suture for long term wound support
- Long term wound support, smooth tissue passage, virtually no tissue reaction, dyed violet for easy visibility
- Colour: Dark Violet
- Wound Support: Long term, 50 Days
- Absorption Profile: 180-210 days
- U.S.P. Range: Gauge sizes 6-0 to 1

GUTPRO P

Plain Catgut Suture

GUTPRO C

Chromic Catgut Suture

- Natural, absorbable, sterile surgical sutures for short-medium term wound support with exceptional strength
- Excellent tensile strength, uniform absorption and wound support, excellent knot security, smooth tissue passage, no entanglement during dispersion, packed in IPA to reduced memory and increase pliability
- Wound Support: Short-medium, 12-15 days (Plain) and 18-21 days (Chromic)
- Absorption Profile: 60-70 days (Plain) and 90-120 days (Chromic)
- Colour: Ivory (Plain) and Dark brown (Chromic) | U.S.P. Range: Gauge sizes 5-0 to 2



Surgical Sutures & Mesh

PROPENE

Monofilament
Polypropylene Suture



- Non-absorbable, sterile monofilament surgical sutures, ideal for cardiovascular surgery
- Biologically inert, no adhering to tissue and efficacious, resist involvement in infection, minimum inflammatory reaction in tissue
- Colour: Blue
- Wound Support: Lifelong
- Absorption Profile: Non absorbable
- U.S.P. Range: Gauge sizes 8-0 to 1

PROSILK

Black Braided
Silk Suture



- Non-absorbable, coated and braided, sterile surgical sutures, most widely used having smooth flow through tissue while maintaining knot security
- Silicon coated for excellent strength and smooth tissue passage, easy handling and flexible, coloured black for improved visibility
- Colour: Black
- Wound Support: 6 months
- Absorption Profile: Non absorbable
- U.S.P. Range: Gauge sizes 6-0 to 4

PROPENE

Polypropylene Mesh

Sizes:
IH 611 - 6x11 cm
IH 715 - 7.6x15 cm
IH 151 - 15x15 cm
IH 303 - 30x30 cm



- Monofilament synthetic non-absorbable, sterile surgical mesh constructed of knitted filament of extruded polypropylene
- High strength & burst resistance for permanent support
- Bio compatible, encourages natural repair
- Flexible, strong, elastic & transparent mesh
- Ideal porosity for high visibility, colonization and integration
- For the repair of abdominal wall hernias and other fascial defects

PROLON

Monofilament
Polyamide (Nylon) Suture



- Non-absorbable, sterile monofilament surgical sutures, remarkably smooth and are dyed to enhance visibility in tissues
- Elastic and very high tensile strength, good knot security and positioning, easy handling and flexible, exceptionally supple
- Colour: Black
- Wound Support: 2-3 years
- Absorption Profile: Non absorbable
- U.S.P. Range: Gauge sizes 10-0 to 2

PROSTEEL

Monofilament
Stainless Steel Suture



- Non-absorbable, sterile, surgical steel sutures with most inert and provides maximum tensile strength
- Most inert among all suture material, stable band tightening and twisting, precision welding technology for firm needle attachment
- Wound Support: Lifelong
- Absorption Profile: Non absorbable
- Colour: Silver metallic
- U.S.P. Range: Gauge sizes 1 to 7

PROBOND

Braided & Coated
Polyester Suture



- Non-absorbable, braided and coated, sterile surgical sutures, is one of the ideal suture for cardiovascular and implant surgery for long term support
- Compactly braided for excellent strength and handling properties, silicone coated for smooth tissue passage, flexible & optimum knotting, negligible tissue reaction
- Colour: Green, White
- Wound Support: Lifelong
- Absorption Profile: Non absorbable
- U.S.P. Range: Gauge Sizes 6-0 to 5

PROWAX

Sterile
Bone Wax

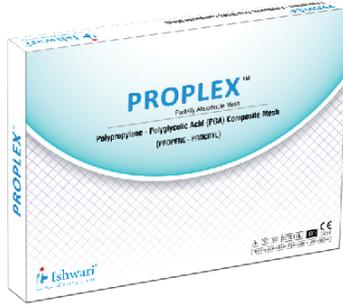


- Sterile mixture of beeswax, paraffin wax and iso propyl palmitate
- Soft, easy to form and to apply
- Helps local haemostasis by functioning like a mechanical barrier
- Bio-chemically inert and partially resorbable
- For open heart and thoracic surgery, orthopaedic surgery



PROPLEX

Polypropylene - Polyglycolic Acid Composite Mesh



Sizes:

- PX 611 - 6x11 cm
- PX 715 - 7.6x15 cm
- PX 151 - 10x15 cm
- PX 303 - 15x15 cm

- Flexible light weight and partially absorbable composite mesh composed of PGA and PP
- High tensile strength and burst resistance
- Flexible scar lets abdominal wall move naturally
- Life time support for the patient
- About 50% of the biomass is PGA that gets absorbed

PROSTAP

Skin Stapler | 1149



PROSTAP R

Staple Remover | 1149R



- Intended for routine skin closure in a wide variety of surgical procedures
- Superior design gives uniform tension & minimum tissue compression & trauma
- Reliable stapling, good grip, better control, no jamming
- Superior cosmetic results - promotes blood supply and faster scar-free healing
- Superior 316 LVM grade pins
- 35 staples per stapler | Size available: 35 W
- Staple Remover for painless and effortless extraction of staples after the skin was sutured



Infusion Therapy

I.V. Cannula | 1021-1028

GENERAL FEATURES:

- Specially designed for continuous peripheral intravenous infusion
- Biocompatible and kink resistant catheter with extremely smooth inner and outer surface to ensure easy venipuncture with minimum trauma
- Siliconised, sharp bevelled, back cut ground Japanese stainless steel needle for quick and easy insertion
- Transparent flashback chamber for easy visual confirmation of venipuncture
- Color coded body / port cap as per ISO standard for instant sizes identifications
- Available in PTFE / FEP / PU Flex variants
- Also available with option of clear or radio opaque catheter

SIZES & TECHNICAL SPECIFICATIONS:

Gauge	Colour Code	Catheter			Packing Inner / Outer
		Ext. Dia. mm	Length mm	Flow Rate ml/min	
14G	Orange	2.1	45	300	100/1000
16G	Grey	1.8	45	200	100/1000
17G	White	1.5	45	140	100/1000
18G	Green	1.3	45	90	100/1000
20G	Pink	1.1	33	61	100/1000
22G	Blue	0.9	25	36	100/1000
24G	Yellow	0.7	19	15	100/1000
26G	Purple	0.6	19	13	100/1000

PROTEK

I.V. Cannula with Injection Port & with Wings | 1021



- Injection port with one way silicone injection valve to facilitate extra medication
- Specially designed protection cap with a recessed plug to cover the injection port and to prevent contamination
- Angled and grooved wings for secure fixation
- Sizes: 14, 16, 17, 18, 20, 22, 24 & 26 G

PROTEK SAFETY

I.V. Cannula with Injection Port & with Wings with Safety Features | 1022



- Unique safety mechanism eliminates the risk of inadvertent needle stick injuries and blood born infections during needle withdrawal and disposal
- Passive, irreversible activation of safety mechanism
- Sizes: 14, 16, 17, 18, 20, 22, 24 & 26 G



Infusion Therapy

PROVY

I.V. Cannula with Injection Port & with Wings | 1023



- Provided with clear and transparent catheter
- Streamlined design provides minimum area of contact with the body
- Sizes: 14, 16, 17, 18, 20, 22, 24 & 26 G

PROCAN

I.V. Cannula without Injection Port & with Wings | 1024



- Useful in high risk cases where extra opening is not desirable to minimize risk of infection
- Projection on main body for two point grip and easy insertion
- Sizes: 14, 16, 17, 18, 20, 22, 24 & 26 G

PROCAN NEO

I.V. Cannula without Injection Port & with small Wings for Neonates | 1025



- Special miniature, fine and smooth design to deal with the specific problems associated with small & soft vein cannulation
- Small flexible wings and absence of injection port permits easy handling and secure fixation
- Sizes: 24 & 26 G

PROCAN PEN

I.V. Cannula without Injection Port & without Wings (Pen Type) | 1027



- Pen type variant in special secure packing with long and broad hub for good grip and control
- Very useful in high risk cases where extra opening is not permitted to prevent risk of infection
- Sizes: 14, 16, 17, 18, 20, 22, 24 & 26 G

PROCAN PLUS

I.V. Cannula with integrated 3-way Stopcock | 1028



- Provided with integrated side port for extra medication and simultaneous administration of the two fluids
- 360° rotation of the tap without limitation
- Sizes: 16, 18, 20 & 22 G

PROCAN ALPHA

I.V. Cannula without Injection Port & without Wings | 1026



- Specially meant for high risk cases where extra opening is not permitted to prevent risk of infection
- Streamlined, sleek design for easy orientation and insertion
- Sizes: 14, 16, 17, 18, 20, 22, 24 & 26 G

PROVALVE

3-Way Stop Cock | 1031



- Designed to incorporate between infusion line and venipuncture device for additional infusion
- Made from fully transparent polycarbonate body for visualization of flow
- 360° rotation of the tap without limitation
- Available with blue and red pegs for arterial and venous line identification
- Lipid resistant variant also available

PROVALVE XL

3-Way Stop Cock with Extension Line | 1032



- Designed to minimize the movement at cannulation site by taking administration site away from the insertion site
- Fitted with male luer lock at one end for safe and secure connection and the 3-way stop cock at the other
- Tube length: 5 - 250 cms | Extension tube: I Ø - 3.0 mm, O Ø - 4.1 mm

PROTEK

Obturator | 1058
(Stylet / Mandarin)



- For long term closure of I.V. Cannula
- Sizes: 14, 16, 17, 18, 20 & 22 G



PROTEK Low Pressure Extension Line | 1033



- Designed to make administration of fluids more convenient and suitable for low pressure applications
- Fitted with male and female luer locks for secure connection
- Tube length: 25 - 250 cms | Extension tube: I Ø - 3.0 mm, O Ø - 4.1 mm

PROTEK High Pressure Extension Line | 1034



- Designed for arterial blood pressure monitoring
- For pressures up to 55 bar (800 psi)
- Fitted with male and female luer locks for secure connection
- Tube length: 25 - 250 cms | Extension tube: I Ø - 1.5 mm, O Ø - 3.0 mm

PROTEK Peritoneal Dialysis Transfusion Set | 1038



- Specially designed "Y" shape transfusion set for administering dialysis solution
- Two lower control clamps help easy input and drainage of solution
- Provided with two upper control clamps to facilitate the alternative change of solution bottles

I.V. Infusion Set | 1041-1050

GENERAL FEATURES:

- Suitable for administration of Infusion fluid for medical therapy
- Clear, transparent and flexible drip chamber facilitates visualisation
- Efficient roller controller for accurate and unrestricted flow
- Super smooth kink resistant PVC tubing with standard length of 150 cms for easy visualisation of flow
- Also available with 0.2 micron IV in-line filter for filtration of microbes and prevention of air embolism hazard (Product code # 1050)



Airvent



Micro Drip



Y-connector



In-line Filter

OPTIONS AVAILABLE:

- Air vented or Non vented spike
- With or without needle
- "Y" connector (latex or latex free)
- Needle free Y-site
- Luer lock or luer slip
- Flow regulator integrated into Infusion set
- DEHP free kink resistant tube to prevent phthalate related complications
- With customized tube length

Ref./Art. No.	Product	Specification	Drop Rate
1041	PRODRIP I.V. Infusion Set	Tube I Ø : 2.70 mm, plain latex, Needle 21G	Approx. 20 drops/ml
1042	PRODRIP I.V. Infusion Set with Airvent	Tube I Ø : 2.70 mm, plain latex, Needle 21G	Approx. 20 drops/ml
1043	PROFUSION I.V. Infusion Set	Big drip chamber, Tube I Ø : 3.00 mm, bulb latex, Needle 21G	Approx. 20 drops/ml
1044	PROFUSION I.V. Infusion Set with Airvent	Big drip chamber, Tube I Ø : 3.00 mm, bulb latex, Needle 21G	Approx. 20 drops/ml
1045	PROFUSION MICRO I.V. Infusion Set with Micro Drip	Micro drip chamber, Tube I Ø : 3.00 mm, bulb latex, Needle 23G	Approx. 60 drops/ml
1048	PROFUSION ULTRA I.V. Infusion Set Premium	Large drip chamber, DEHP free tube I Ø : 3.00 mm, Y-connector, luer lock, Needle 21G	Approx. 20 drops/ml
1050	PROFUSION GUARD I.V. Infusion Set with in-line Filter	0.2 micron filter, Large drip chamber, DEHP free tube I Ø : 3.00 mm, Y-connector, luer lock, Needle 21G	Approx. 20 drops/ml

PROTROL I.V. Flow Regulator | 1051

- Designed to control the flow rate of IV fluids with range of 5 to 250 ml/hr manually
- With "Y" connector injection site for extra medication





Infusion Therapy

PROVOL

Burette Set | 1052

(Measured Volume Fluid Infusion Set)

- Suitable for infusion of measured quantities of fluid
- Clear, soft, cylindrical & calibrated measured volume chamber with markings for precise fluid administration
- Automatic floating shut off valve to prevent air embolism and indicate fluid level
- Approximately 60 drops/ml | Sizes: 110 ml & 150 ml

Options Available:

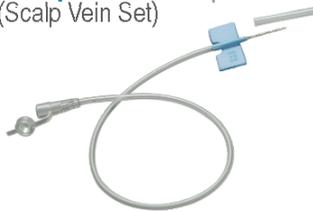
Air vented or non vented spike | With or without needle | With or without "Y" connector (Latex or Latex Free) | Luer lock or luer slip | With DEHP free tube | With customized tube length



PROTEK

Scalp Vein Set | 1053

(Scalp Vein Set)



- Designed to provide quick venous access with greater patient comfort during long term infusion
- Short beveled siliconised and thin walled Japanese needle facilitates atraumatic cannulation
- Colour coded butterfly shaped wings for easy handling and better fixation
- Sizes: 18 to 27 G

Heparin Cap | 1059

(Injection Stopper)

- To block IV cannulas when not in use
- Latex free



PROTEK

Insulin Syringes | 1055



- Excel quality micro fine 30G & 29G needles are siliconised to give minimal pain
- Clear transparent barrel and bold marking facilitates proper drug delivery
- Available in unit pack or multi pack of 10 units
- Sizes: U40, U100



Central Venous Access

PROCENT

Central Venous Catheter Set

1061 - Single Lumen | 1062 - Double Lumen | 1063 - Triple Lumen

GENERAL FEATURES:

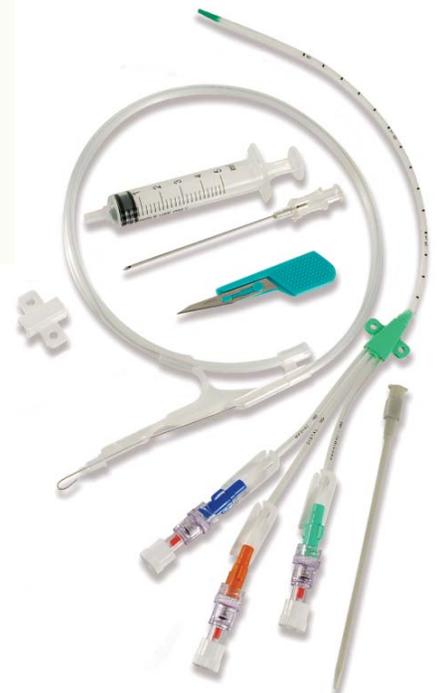
- For administration of hyperosmolar solutions, measuring CVP, haemodialysis, plasmapheresis, rapid infusion of fluid etc.
- Specially formulated, soft, kink resistant and extremely biocompatible polyurethanematerial provides strength during insertion and also softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- Specially designed soft & beveled tip for smooth & easy insertion of catheter
- Soft flexible J-Tip guide wire prevents the vessel perforation and also provides good torque to ensure firm insertion
- Radio-opaque catheter with clear and definite marking for correct placement of catheter tip
- Individually blister tray packed

COMPLETE CVC SET CONSISTS OF:

- Central Venous Catheter
- Introducer Needle
- J-Tip Guide Wire
- Vessel Dilator
- Syringe (Luer Lock)
- Scalpel
- Catheter Holder
- Catheter Holder Clamp
- Extension Line Clamp
- Injection Cap

Ref./Art. No.	Lumens	Catheter Size	Catheter Length
1061	Single	4 Fr	12, 16, 20 cm
	Single	5 Fr	16, 20, 30 cm
	Single	6 Fr	16, 20, 30 cm
1062	Double	7 Fr	16, 20, 30 cm
1063	Triple	7 Fr	16, 20, 30 cm

* Other sizes are available on customer request





PROTEK

Blood Transfusion Set | 1066

- For transfusion of blood and blood components
- Clear, transparent and flexible drip chamber facilitates visualisation
- Super smooth kink resistant PVC tubing with standard length of 150 cms
- Approx. 200 micron blood filter and 18G hypodermic needle
- Approximately 20 drops / ml

OPTIONS AVAILABLE:

- Air vented or Non vented spike
- Single or Double drip chamber
- With or without needle
- "Y" connector (latex or latex free)
- Luer lock or luer slip
- With customized tube length



PROTEK

Blood Bag Systems | 1071-1076

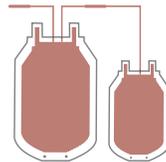
GENERAL FEATURES:

- Designed for collection, storage, transfusion and transportation of human blood and its components
- Siliconised ultra thin walled, sharp Japanese 16G needle allows smooth, painless penetration and higher flow rates
- Soft frosted and flexible kink resistant tubing with uniform wall thickness and markings at regular intervals
- Double, Triple and Quadruple blood bag systems are provided with snap tip and connector tube to allow smooth transfer of blood components and additive solution
- Special tamper evident and convenient write on label
- Individually packed in special multi layer pouch and multiples packed in moisture barrier aluminum pouch
- Tamper proof, safe and easy to open port covers to prevent contamination
- Anticoagulant solutions used are CPD for blood storage up to 21 days and CPDA for enhanced storage up to 35 days
- Optional CPD-SAGM anticoagulant solution variant for red blood storage up to 42 days
- Option of 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 22°C
- Also available with Leukodepletion filter to avoid complications that may arise due to leukocytes

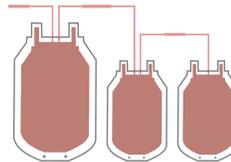
TECHNICAL SPECIFICATIONS:



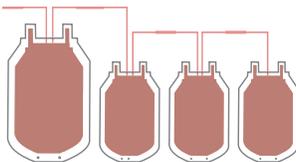
Single Blood Bag | 1071
Size (ml) - 100/250/350/450
Anticoagulant - CPDA



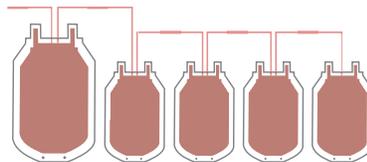
Double Blood Bag | 1072
Size (ml) - 350/450
Anticoagulant - CPDA



Triple Blood Bag with Platelet Bag | 1073
Size (ml) - 350/450
Anticoagulant - CPDA/CPD-SAGM



Quadruple Blood Bag with Platelet bag | 1074
Size (ml) - 350/450
Anticoagulant - CPDA/CPD-SAGM



Penta Blood Bag | 1075
Size (ml) - 350/450 Anticoagulant - CPDA



Transfer Bag with Spike | 1076
Size (ml) - 300

PROTEK

Haemodialysis Blood Lines | 1078

- Specially designed for the patients to connect external system which extracts patient's blood to the dialyzer and then returns patient's blood from the dialyzer after it has been purified
- Consists of two segments - arterial and venous - used during dialysis and attached with fistula and dialyzer





Blood Banking

PROTEK Blood Collection Needles | 1080

- Designed for blood sample collection having safety features to minimize possible risks of blood borne infections or needle stick injuries to healthcare workers and patients
- Stainless steel needle lubricated with silicone
- Needle size : 20, 21, 22 & 23 G



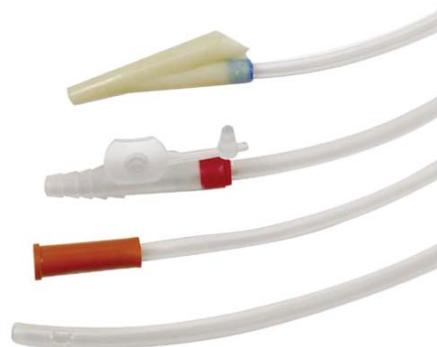
Anaesthesia & Respiratory Care

PROTEK Suction Catheter

- | | | |
|--------|--|--|
| 1090 | | Plain with universal funnel shape connector |
| 1090TC | | With T type vacuum control valve for thumb control |
| 1090FT | | With Y shape vacuum control valve for finger tip control |

GENERAL FEATURES:

- Designed for removal of secretion from mouth, trachea and bronchial tubes
- Distal end is open with one lateral eye for effective drainage
- Length: 50 cms | Sizes: 5, 6, 8, 10, 12, 14, 16, 18, 20, 22 & 24 FG



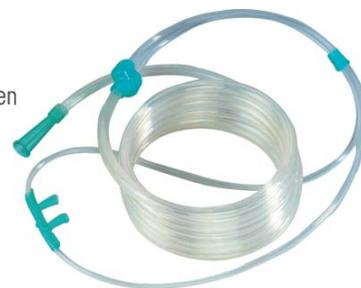
PROTEK Oxygen Catheter | 1091



- Designed for direct administration of oxygen via nasopharyngeal route
- Open distal end with multiple lateral eyes for even dispersion of oxygen
- Length: 40 cms
- Sizes: 6, 8, 10, 12, 14 & 16 FG

PROTEK Twin Bore Nasal Oxygen Set | 1092 (Nasal Oxygen Cannula)

- Designed for easy and efficient administration of oxygen
- Soft twin prong nasal tips to ensure equal volume of oxygen to both air passages for maximum patient comfort
- Multichannel tube ensures the continuous supply of oxygen even if the tube is accidentally kinked
- Tube Length: 200 cms
- Sizes: Adult, Paediatric & Neonatal



PROMASK Oxygen Mask | 1093



- Specially designed for convenient oxygen therapy

GENERAL FEATURES:

- Soft, clear, large anatomical shaped face mask for patient comfort
- Adjustable elastic strap and nose clip for proper positioning of mask
- Provided with 210 cm long multichannel tube to ensure continuous flow of oxygen even if tube is accidentally kinked
- Sizes: Adult & Paediatric

PROMASK NEB Nebulizer Mask | 1094 Aerosol Therapy Mask



- Consist of face mask with an specially designed nebulizer chamber for nebulizing patients
- Optimal particle size delivered at efficient nebulization rate of approximately 3cc in 10 min.

PROMASK VENT Venturi Mask | 1095 Fixed Concentration Mask



- Designed for the fixed and accurate administration of a variety of oxygen concentrations to the patients
- Two oxygen diluters, one for lower concentration of 24%, 26%, 28%, 30% (blue colour) and the other for higher concentration of 35%, 40%, 50% (white colour) for adjusting oxygen flow rate



PROTEK Respiratory Exerciser | 1096 (Three Balls Model)



- Helps to develop, improve and maintain respiratory fitness
- Useful in restoring and maintaining lung capacity of post operative ambulatory and COPD patients
- Transparent, well calibrated chambers with colour coded triple balls allows visual calibration and estimation of the patient's progress
- Air filter for enhanced protection

PROTEK Guedel Airway | 1097 (Oro-Pharyngeal Airway)



- Specially designed to maintain an unobstructed oropharyngeal airway during general anaesthesia and in unconscious patients
- Integral hard bite block to prevent biting of tongue and airway occlusion
- Sizes: 000, 00, 0, 1, 2, 3, 4, 5

PROTEK Catheter Mount | 1170



- Designed for delivery of oxygen or gases to the patient and can be connected with ET tube for respiration
- Provided with 22 mm standard female connector on both the ends with ID of 15 mm
- Collapsible corrugated tubing being inert to all anaesthetic gases and reagents

PROCHEAL Endotracheal Tube 1098 (Plain) | 1098C (Cuffed)



GENERAL FEATURES:

- Designed to secure the airway and maintain the gas exchange in the lungs by inserting into the trachea through the oral/nasal cavity
- Manufactured from special non toxic, clear, transparent, thermo sensitive siliconised PVC material to protect delicate mucosal tissues and readily conforms to the body contour
- Proximal end fitted with standard 15 mm connector
- Sizes (mm):
Plain - 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0 & 5.5
Cuffed - 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5 & 10.0

Endotracheal Tube with Cuff

- Pilot balloon with integral one way valve to ensure one way air flow
- High volume, low pressure, evenly shaped cuff with a pilot balloon integrated with the tube for secure positioning inside the trachea

PROTEK Tracheostomy Tube | 1099 (Plain) | 1099C (Cuffed)

GENERAL FEATURES:

- Provided with soft flexible flange for easy fixation
- 15mm connector can be rotated in 360 degree direction & facilitates the safe connection to breathing system from any direction
- Sizes (mm):
Plain - 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5 & 9.0
Cuffed - 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0 & 10.0



Tracheostomy Tube (Cuffed)

- Pilot balloon with non return valve facilitates the cuff inflation & deflation

PROMASK LG Laryngeal Mask Airways | 1100

- Intended for maintaining & supporting airway without tracheal intubation
- Consists of an inflatable silicone mask integrated with a pilot balloon and a connecting tube
- Pilot balloon for easy inflation & deflation of cuff
- Standard 15 mm connector facilitates easy connection
- Allows rapid access to the airway, without the support of a laryngoscope or muscle relaxants
- Also available single use PVC laryngeal mask | Sizes: 1, 1.5, 2, 2.5, 3, 4 & 5





Anaesthesia & Respiratory Care

PROTEK Spinal Needle | 1175



- Intended to administer lumbar/ subarachnoid anaesthesia
- Transparent hub provides rapid detection of CSF flashback
- Optimal sized stylet prevents tissue coring and obstruction of needle lumen
- Fine gauge needle design greatly reduced the risk of Post Dura Puncture Headache
- Available in Whitacre pencil point and Quincke point
- Needle length: 3.5"
- Sizes: 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 & 27 G

PROTEK Epidural Kit | 1176



- Epidural Kit are designed for short term & long term continuous anaesthesia & pain therapy
- Epidural Kit consist of;
- Epidural Catheter: Provided with flexible and atraumatic soft tip
- Epidural / Tuohy Needle: Provided with clear depth marking for accurate insertion depth reading
- LOR Syringe: Provided for clear identification of epidural space
- Threading Assist Guide: Provided to fit securely into the needle and assists in easy advancement of catheter
- Catheter Length: 1000 mm | Needle Length: 80 mm | Needle Sizes: 16 & 18 G | Syringe Capacity: 10 ml



Urology

PRO U-BAG Urine Collection Bags | 1101-1107

GENERAL FEATURES:

- Suitable for closed urine drainage system for short and long term use
- Efficient non return valve to prevent the back flow of urine
- Smooth and kink resistant 90 to 100 cm long connecting PVC tube with grooved tapered connector for easy connection
- Precise graduation in ml to indicate the quantity of urine collected

Urine Collection Bag | 1101 (With Top Outlet)

- Also available with specially molded handle for easy handling
- Capacity: 2000 ml



Urine Collection Bag | 1103 (With Bottom Outlet)

- Also available with T type bottom outlet and sampling port
- Capacity: 2000 ml



Urine Collection Leg Bag | 1105 (With Bottom Outlet)



- Suitable for day and night use during incontinence
- Provides freedom of mobility as the bag is attached to the leg of the patient
- Capacity: 800 ml
- Optional: Elastic leg straps; T type bottom outlet; Sampling port

Urine Collection Bag | 1106 (With Measured Volume Meter)



- Designed for accurate measurement of hourly urine output
- Completely closed circuit eliminates the risk of contamination
- Urine meter directly attached to urine bag with overflow facility
- Capacity: 2000 ml
- Capacity of Volume meter: 250 ml, 500 ml

Urine Collection Bag | 1107 (For Paediatric)



- For short term urine collection of neonates
- Provided with hypoallergenic self-adhesive for better grip and easy removal from soft skin of the infant
- Capacity: 100 ml



PROTEK TUR SET | 1109

(Trans Urethral Resection Set)

- "Y" shaped set designed for endoscopic irrigation during trans urethral resection of prostate gland
- Thumb operated clamps helps quick and smooth change of bottles
- Proximal end fitted with flexible latex tubing for easy connection to endoscope



PROCATH Foleys Balloon Catheter | 1110

- Designed for short or long term urinary drainage in the patients suffering from urinary tract problems
- Made from 100% natural silicon bonded latex rubber
- With a smooth tapered tip for easy introduction in urethra
- Symmetrical expansion of large capacity balloon to retain bladder efficiently
- Hard plastic valve for better control on inflation and deflation of balloon

Sizes (FR)	Balloon Capacity (ml/cc)	
	Two Way	Three Way
8 & 10	-	3 - 5 ml
12 & 14	-	15 - 30 ml
16, 18, 20, 22, 24 & 26	16, 18, 20, 22, 24 & 26	30 - 50 ml



PROTEK Male External Catheter | 1112

(Penile Sheath)



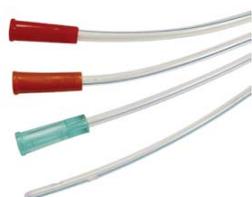
- Specially designed for urine incontinence for day and night use in male patients
- Manufactured from pure latex for soft and gentle feel
- Provided with soft adhesive coated strip for proper fixing on the penis
- Sizes: Small (20 mm), Medium (25 mm), Large (30 mm) & Ex. Large (35 mm)

PROCATH ALPHA All Silicon Foleys Catheter | 1111



- Silicon Catheters are meant for very long term implantation
- 100% silicon construction from highly biocompatible and toxin-free silicone elastomer
- The non-stick surface of silicone makes it highly resistant to encrustation
- Technically advanced process forms the balloon as an integral part of the catheter, eliminating rough edges where the balloon meets the shaft
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 & 26 FR

PROTEK Nelaton Catheter | 1113



- Designed for short term bladder catheterization through urethra in males
- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
- Length: 40 cms
- Sizes: 6, 8, 10, 12, 14, 16, 18, 20, 22 & 24 FG

PROTEK Rectal Catheter | 1115



- Designed for introduction of enema solution into rectum to release / aspire rectal fluid
- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
- Length: 40 cms
- Sizes: 18, 20, 22, 24, 26, 28, 30 & 32 FG

PROTEK Female Catheter | 1116



- Designed for short term bladder catheterization through urethra in females
- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
- Length: 18 cms
- Sizes: 6, 8, 10, 12, 14, 16, 18 & 20 FG



PROTEK Infant Feeding Tube | 1121



- For neonates and paediatric nutritional feeding
- Distal end is coned with two lateral eyes for efficient drainage
- Proximal end is provided with female luer mount for easy connection
- Length: 40, 50 & 100 cms
- Sizes: 4, 5, 6, 7, 8, 9 & 10 FG

PROTEK Stomach Tube | 1124



- For nasogastric introduction of nutrition & aspiration of intestinal secretion
- Distal end is coned with four lateral eyes for efficient drainage
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22 & 24 FG

PROTEK Ryle's Tube | 1122 (Nasogastric Feeding Tube)



- For nasogastric introduction for nutrition and aspiration of intestinal secretion
- Distal end is coned with corrosion resistant steel balls sealed into the tube to facilitates easy insertion
- Four lateral eyes are provided for efficient aspiration & administration
- Tube with radio-opaque line, marked at 50, 60 and 70 cms from the tip for accurate placement
- Length: 105 cms | Sizes: 6, 8, 10, 12, 14, 16, 18, 20, 22 & 24 FG

PROTEK Kehr's t Tube | 1125



- For short term post operative drainage of common bile duct
- Super smooth siliconised low friction surface prevents clogging
- Sizes: 10, 12, 14, 16, 18, 20, 22 & 24 FG

PROTEK LEVIN'S TUBE | 1123 (Gastro Intestinal Feeding Tube)



- For gastro-intestinal feeding and aspiration of intestinal secretion
- Distal end is coned with four lateral eyes for efficient drainage
- Tube with radio-opaque line, marked at 45, 55, 65 & 75 cms from the tip for accurate placement
- Length: 125 cms | Sizes: 6, 8, 10, 12, 14, 16, 18, 20, 22 & 24 FG

PROTEK Colostomy Bag | 1126



- For colostomy under closed system
- Manufactured from extra soft medical grade PVC sheet
- Coated with hypo-allergic adhesive to prevent skin maceration
- Hole diameter can be resize

Bag Size	Hole Diameter
250 X 140 mm	30 mm
215 X 140 mm	40 mm



PROVAC Close Wound Suction Unit | 1131

- For close wound drainage under negative pressure post-operatively with option to use one or two catheters simultaneously
- Available in different sizes with matching size curved needle to meet moderate to heavy drainage needs
- Unit consists of: Bellow unit with connector; Connecting tube with clamp and "Y" connector; Curved needle with matching size catheter; Spare perforated Redon Drain catheter
- Sizes: 8, 10, 12, 14, 16



PROVAC MINI Mini Close Wound Suction Unit | 1132



- Designed for wound drainage under negative pressure for minor surgery and plastic surgery
- Unit consists of: Bellow container with capacity 50 ml; Curved needle with matching size catheter
- Sizes: 6 & 8 FG



PROTEK Thoracic Drainage Catheter (Chest Drainage Catheter 1133, 1133/C)



- Suitable for post operative drainage after cardio-thoracic and thoracic surgery
- Proximal end is fitted with specially designed tapered tongue for easy and non-traumatic insertion
- With radio-opaque line and marking at every 2 cms from the last eye to ascertain the depth of placement
- Also available with curved angle (90°) for easy aspiration of drainage (Product # 1133C)
- Length: 45 cm | Sizes: 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 36 & 40 FG

PROTEK Intra costal drainage set | 1136 (Water Drainage Bag)



- Water sealed drainage system for collection of drainage fluid from thoracic and abdominal cavity
- PVC drainage bag available in 1000 ml, 2000 ml capacity

PROTEK Thoracic Trocar Catheter | 1134



- Specially designed for rapid non operative pleural and chest drainage
- Catheter is provided with sharp trocar needle for easy penetration, placement and proper handling
- Provided with markings at 5, 10, 15 & 20 cm from the last eye to ascertain depth of placement
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 32, 36 & 40 FG

PROTEK Yankaur Suction Set | 1137 (With Standard Handle)



- Suitable for pre operative removal of secretion, blood and debris etc.
- Moulded Yankaur suction handle attached with flexible kink resistant long tube
- Provided with sleeve over vent which can be removed easily to make it vented
- Yankaur Handle available in standard or crown tip with or without vacuum thumb control
- Tube length: 210, 250 & 300 cms

PROTEK Abdominal Drainage Set | 1135



- Intended for the use in post operative drainages from abdominal areas
- Soft abdominal drainage catheter with collection bag of capacity 2000 ml
- Sizes: FG 16, 20, 24, 28, 32, 36

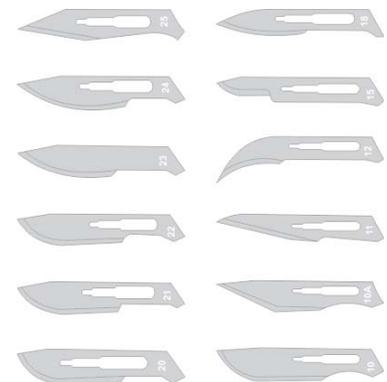
PROTEK Redon Drain Catheter | 1138



- Provided with radio-opaque line and smooth eyes
- Markings on the tube at 19 cms from the distal tip
- Cross perforated length of tube: 14 cms
- Length: 50, 70, 120 & 170 cms
- Sizes: 8, 10, 12, 14, 16 & 18 FG

PROSHARP Surgical Blades | 1141

- Meant for surgical procedures
- Each blade is protected by VCI paper in a peel-open foil sachet
- Sterilized by Gamma Radiation of 2.5 M Rads
- Available in both stainless and carbon steel
- Sizes : 10, 10A, 11, 12, 15, 18, 20, 21, 22, 23, 24 & 25





Other Products

PROTEK A.V. Fistula Needles | 1151



- Used to connect blood lines to the blood vessel through needle when dialysis is carried out through an internal fistula
- Siliconised ultra thin walled & sharp beveled cannula to minimize trauma to the patient
- Back eye for uninterrupted blood flow through the needle
- Also available with rotating wings
- Tube Length: 30 cms
- Sizes: 15, 16 & 17 G

PROTEK Infant Mucus Extractor | 1152



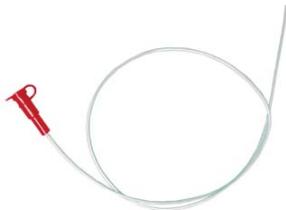
- For aspiration of secretion from oropharynx in newly born babies to ensure free aspiration
- Convenient to extract mucus specimen for microbiological examination
- Spare plug cap provided for safe sealing and storage of specimen
- Also available with bacterial barrier filter at suction end
- Capacity: 25 ml | Tube Length: 40 & 50 cms
- Catheter Size: 6, 8, 10, 12 & 14 FG

PROTEK Umbilical Cord Clamp | 1135



- For clamping the umbilical cord after the birth
- Provided with security lock to prevent accidental re-opening
- Grooved clamping area to prevent slipping of the umbilical cord
- Available with re-opening facilities

PROTEK Umbilical Catheter | 1154



- Designed for intermittent or continuous access to the umbilical artery or vein of newly born or premature infants
- Tube with radio-opaque line, marked at every cm from the open distal end to ascertain the depth of placement
- Tube Length: 40 cms
- Sizes: 4, 5, 6 & 8 FG

Latex Surgical Gloves

PROGUARD Pre-Powdered | 1161

PROGUARD PLUS Powder Free | 1162



- Intended to use in invasive surgery for protective covering for the hands from contamination
- Special quality natural rubber latex
- Lightly powdered with bio-absorbable corn starch USP grade to prevent granulosa
- Anatomically shaped for better comfort and micro rough surface for better instrument grip
- Offers superior barrier protection, precise dexterity, tactile sensitivity and flexibility
- Extensively leached in hot flowing water to reduce extractable protein and chemical residues
- Bio burden and sterility tested
- Conforms to international standards such as ASTM D-3577, EN 455
- Also available powder free gloves to eliminate risks associated with glove powder
- Sizes: 5.5, 6, 6.5, 7, 7.5, 8, 8.5 & 9



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