Newtech Medical Devices

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Y Shape Introducer Needle
The needlepoint is very sharp, and can make easy puncture. The needle has smooth wall to reduce the resistance of advancing the guide wire. The Y shape valve help to reduce the blood loss.

Angiography Guidewires
The angiography guide is used to guide angiography catheter to lesion artery in angiography procedure.
- Available: Straight & J formed type
- Diameter available: 0.014" (0.358 mm)
- PTFE coated surface
- Shaft flexibility: Intermediate to stiff
- Length ranging from 200 to 300 cm

Y-Connector
Newtech Y connector is easy, fast and accurate single handed intra vascular device insertion. Perfect insertion device respecting the integrity of the coated surface with Combination of a hemostatic valve and an integrated valve opener. It has clean and safe procedure with a minimized backflow thus limiting blood loss.

Y Shape Introducer Needle
The needlepoint is very sharp, and can make easy puncture. The needle has smooth wall to reduce the resistance of advancing the guide wire. The Y shape valve help to reduce the blood loss.
These manifolds provide a simple and reliable means of interfacing multiple fluid or gas lines together using luer fittings. All side ports are FLL (female luer lock).

NEWTECH MEDICAL DEVICES

is a Company Established in the year 2007. A Company that wants to work with Medical professional like Doctors, Nurses and Paramedical staff in Hospitals, Nursing Home with strong distributors by sharing field of Cardiology/ Cardiac Surgery/Nephrology and General Healthcare Products in India and other countries, by bringing in latest technologies development in this field and providing the best.

Newtech Medical Devices™ develops, manufactures, markets and support cutting-edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the fields of interventional medicine and dialysis. Our Company’s engineering and applications expertise provides superior products whose progressive designs accommodate advances in medicine and whose quality anticipates the requirements of our professional clients and the patients they serve. Currently one of the largest manufacturers & importers in field of Cardiology, Nephrology & surgical Disposable in INDIA.

One of the renounced brand Name in the field of Nephrology, UNECATH™ is brand product of Newtech Medical Devices. Newtech Medical Devices is, always has been, on the cutting edge of new vascular access devices technologies.

Newtech Medical Devices™ reputation and growth can be attributed to our diversely disciplined group of engineers specializing in biomedical and mechanical engineering, collaboration with esteemed professionals and readiness to listen to Suggestions and comments from members of the medical community. By continually improving on existing technology, Newtech Medical Devices™ is able to provide a catheter to suit every medical requirement while also considering the patient’s comfort. Patients, physicians and nurses can rely on a Newtech Medical Devices™ device to do its job.
Hydrophyllic Guidewire

- Nitinol guidewires with hydrophilic coating
- Available in .018" through .038"
- Working lengths: 150 and 260 cm.
- Straight and angled tip.
- Standard and stiff body available.
- Superior guidewire visualization under fluoroscopy.
- Validated for use in multiple routine insertions/withdraws.
- Transparent coating allows for visual depth indicator markings.

Hand Control Pencil

- Hand control of Electrosurgical Cut and coagulation of HF Electrosurgical Cut and coagulating machine.
- 170mm-ABS pencil appearance, streamline design.
- 7cm Stainless Steel tip.
- 2.36mm diameter of the tip.
- 3m-PVC medical cable.
- Frequency confines 0-10MHz.
- Sterilized package, single use.

PTCA Balloon

Treatment of Cardiovascular diseases is a rewarding and constantly developing discipline where success is linked to focus and constant attention for details to ensure the best results are achieved.

The same attention for details and the same drive for results enable Newtech Medical to provide new technologies to be incorporated into our catheters. Our innovations have again pushed the standards and boundaries forward in performance and safety.

Newtech PTCA Balloon Catheters available in:
- Standard
- Non-Compliance
- CTO (Chronic Total Occlusion)

Certificates:

We have the following approved certificates/License:
- CE certificate.
- FDA Certificate (Manufacturing Drug License)
- GMP (Good manufacturing process.)
- ISO 13485
- ISO 14971
- ISO 9001
- Free Sales Certificate
**Inflation Devices**

Newtech High pressure Inflation Device designed to exert pressure for balloon inflation and deflation. With 20ml/cc and 30atm/bar inflation capability. Applied Selok® patent technology provides single step balloon inflation and deflation. With consistent pressure output, physician could control balloon dilatation precisely. Angled luminescent pressure gauge allows easy reading and monitoring in the clinical environment. Quick release button with supported by Selok® system provide easy pressuring locking and one step release. Multiple configurations of accessories are available for different application purpose.

Features:
- Maximum 30atm, 20ml volume.
- Unique ergonomic design.
- Consistent pressure output.
- Precise manometer.
- Quick release button available.
- 3-Way Stopcock for option.

**RA Band**

Radial Compression Device

Newtech radial hemostasis compression device (radial artery tourniquet) is used to stop bleeding after angioplasty procedure, PTCA procedure or PCI procedures.
- Adjustable soft silicon compression parts make the patient feel easy after procedure.
- Transparent design for precise operation
- Safefixing design allows the patient free.

**PTCA Kit**

Newtech PTCA Kit contains Manifold 3 Port Right On, IV Set Non Vented, Torque Device, P M line 50 & 100cm, High Pressure Tubing, Blunt Needle, Hemostatic Y Connector Large, Syringe 10ml Luer Lock, Syringe 10ml.

**CUSTOMIZED KIT ALSO AVAILABLE**

**INTERVENTIONAL CARDIOLOGY**
**High Pressure Tubing**

Newtech high pressure line is used to inject contrast media and the other medical solutions during PTCA procedure, PCI procedure or angioplasty procedure.
- Flexible tubing and rotating male luer provide easy and fast connection.
- Available in different lengths. The pressure range of this medical device is 1200 psi.

**Extension Line**

Newtech Extension Line is Soft and kink resistant PVC tubing. It has Male luer lock connector at one end and female luer lock connector at other end with High pressure extension lines suitable for pressure monitoring line.

**Angio Kit**

Newtech Medical Device’s Angio kit, it is a customized kit. The One way valve is connected to the one side of manifold. Non-toxic medical grade P.V.C. tubing is attached to both ends. Luer lock male connections are provided at both ends.
- It’s contains of Manifold 2 port Right On, IV Set Non Vented 2 pcs, PM Line clear 100cm, Syringe 10ml Luer Lock.

**Inflation Device**

Ergonomically designed to ensure accurate inflation of Interventional devices. Features an angled analog gauge for better viewing of pressure readings and a luminescent Dial for low-light procedures.
**Introducer Needle**

We at Newtech Medical Devices developed cutting edge Introducer Needle. This needle has very Sharp canullas for low penetration force. The insertion is more easier and secure. Newtech Introducer needles are available in different sizes:

- 18GA, 7cm
- 20GA, 3.8cm
- 21GA, 3.8cm

**Y Shape Introducer Needle**

The needlepoint is very sharp, and can make easy puncture. The needle has smooth wall to reduce the resistance of advancing the guide wire. This Y shape valve help to reduce the blood loss.

**Angiography Guidewires**

The angiography guide is used to guide angiography catheter, to lesion artery in angiography procedures.

- Available in Straight & J-formed tip.
- Diameters varies from 0.018” to 0.038”
- PTFE coated surface.
- Shaft stiffness from standard to extra stiffness.
- Lengths ranging from 150 to 260 cm

**PTCA Y Connector Kit**

The Y connector kit is used in angiography, balloon dilation and stent implantation for PTCA procedures. Operate with one hand and reaches quick hemostasis. Well-designed silicon valve proves 100% hemostasis. The PTCA accessories devices which are intended to be used.

- Standard Kit includes:
  - Y connector
  - Torque Device
  - Blunt Needle,
  - PM Line (with Luer Lock & Three Way)

**Dose Control Syringes**

Newtech Medical Control syringes, latex free, are specially designed for ease of use. The plunger tip and barrel are designed for consistent movement and smooth rotator action. The enhanced graduation markings increase legibility. The clear polycarbonate design allows for enhanced visual inspection, and the enlarged reservoir stop is specially designed to decrease the possibility of air infusion. Benefits:

- Clear Barrel: Provides exceptional clarity and smooth as glass feel
- Solid Plunger Body: Maintains stability and durability under pressure
- Rotating luer: Allow for flexibility and confidence in luer connection
- Safety Space: Intended to minimize the potential of air bubbles introduced into the catheter
- Smart Tip: Creates a unique and smooth feel during injection

**Pressure Monitoring Line**

Newtech Pressure line is used to connect intervention catheters and the high-pressure injector. High quality medical grade PVC tubing, reduces the risk of kinking. The pressure line is used as an extension to connect medical instruments. It also can be used with three-way stopcocks. Comes with a choice of either one or two male luer locks mated to two female luer lock connectors.
Newtech Medical Devices Offers a Kink-Resistive Introducer Sheath System, which provide 60 degree sit-up comfort for patients with an obturator in place. This Sheath System has threaded dilator-to-hub interlock prevents dilator backout during insertion, and secure attachment of the sterile sleeve. It comes with Advanced radio-frequency shaping technology creates a long, continuously smooth taper, for minimum resistance during insertions. Newtech Medical Device’s Sheath has exceptionally large internal geometries facilitate hemodynamic monitoring and fluid administration.

Newtech Radio opaque sheath with proprietary homeostasis valve and side apart with attached 3-way stopcock side arm. Smooth transition between the dilator and the sheath.

The radial introducer sheath kit includes 1pcs radial sheath, 1pcs dilator, 1pcs 0.021in*45cm guidewire,1pcs 21G*4.5cm seldinger needle

Newtech Medical Device’s Guiding catheter has a large non-tapered lumen that allows contrast medium injection and pressure monitoring and facilitates the intravascular passage of interventional devices.

- Large Lumen Guide Balancing Flexibility and Support.
- Enhanced Visualization.
- Full-Wall Technology Construction.
- Full Range of Coronary and Peripheral Curves.
- Braided design for exceptional radiopacity and torque response.
- Soft, radiopaque tip for clear visibility.

Available in different sizes

The angiographic catheter is a plastic tube which functions as a conduit for contrast, fluids, and pressure measurement during cardiac catheterization of coronary arteries and the left ventricle

- High levels of torque ability.
- Steel wire braided bodies.
- Soft atraumatic tips.

Available in different sizes

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Available in different sizes