

### **Newtech Medical Device**

We develop, manufacture, market and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field of interventional cardiology and dialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medical device and whose quality anticipates the requirements of our professional clients and the patients they serve.

Currently one of the largest manufacturer & importer in the field of Cardiology, Nephrology & Surgical Disposables in INDIA.

### Angiography Catheter

The high flow of the catheter allows for more contrast into the vessel that results in a clear, bright angiogram. Your diagnosis and treatment planning is enhanced. Quick, Safe Vessel Engagement: polymer material and full length braiding provides excellent push ability and efficient torque transmission for outstanding handling. Soft tip designed to reduce potential for vessel trauma. Wide variety of curve styles for all possible anatomies. Used in Angiography for Cardiac patients and are designed to deliver radiopaque contrast medium to selected sites in the vascular system.



### **Femoral Angiography Catheters**

#### Left Coronary Judkins Technique (100 cm)

REF	French	Description
NT/DC/5JL35	05 Fr	Judkins Left 3.5
NT/DC/5JL40	05 Fr	Judkins Left 4.0
NT/DC/5JL45	05 Fr	Judkins Left 4.5
NT/DC/5JL50	05 Fr	Judkins Left 5.0
NT/DC/6JL35	06 Fr	Judkins Left 3.5**
NT/DC/6JL40	06 Fr	Judkins Left 4.0**
NT/DC/6JL45	06 Fr	Judkins Left 4.5
NT/DC/6JL50	06 Fr	Judkins Left 5.0
NT/DC/7JL35	07 Fr	Judkins Left 3.5
NT/DC/7JL40	07 Fr	Judkins Left 4.0
NT/DC/7JL45	07 Fr	Judkins Left 4.5
NT/DC/7JL50	07 Fr	Judkins Left 5.0

$\sim$	JL3.5
$\frown$	JL4.0
	JL4.5
<u> </u>	JL5.0

#### Right Coronary Judkins Technique (100 cm) REF French Description NT/DC/5JR35 05 Fr Judkins Right 3.5 NT/DC/5JR40 05 Fr Judkins Right 4.0 NT/DC/5JR45 05 Fr Judkins Right 4.5 NT/DC/5JR50 05 Fr Judkins Right 5.0 NT/DC/6JR35 06 Fr Judkins Right 3.5\*\* NT/DC/6JR40 06 Fr Judkins Right 4.0\*\* NT/DC/6JR45 06 Fr Judkins Right 4.5 NT/DC/6JR50 06 Fr Judkins Right 5.0 NT/DC/7JR35 07 Fr Judkins Right 3.5 NT/DC/7JR40 07 Fr Judkins Right 4.0 NT/DC/7JR45 07 Fr Judkins Right 4.5 NT/DC/7JR50 07 Fr Judkins Right 5.0



#### Left Coronary Amplatz Technique (100 cm)

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REF	French	Description	
NT/DC/5AL10	05 Fr	Amplatz Left 1	2
NT/DC/5AL20	05 Fr	Amplatz Left 2	-
NT/DC/6AL10	06 Fr	Amplatz Left 1	
NT/DC/6AL20	06 Fr	Amplatz Left 2	1
NT/DC/7AL10	07 Fr	Amplatz Left 1	
NT/DC/7AL20	07 Fr	Amplatz Left 2	

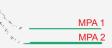
## AL1.0 AL2.0

#### Right Coronary Amplatz Technique (100 cm)

REF	French	Description		
NT/DC/5AR10	05 Fr	Amplatz Right 1		
NT/DC/5AR20	05 Fr	Amplatz Right 2		AR1.0
NT/DC/6AR10	06 Fr	Amplatz Right 1		4.50.0
NT/DC/6AR20	06 Fr	Amplatz Right 2	. t.	AR2.0
NT/DC/7AR10	07 Fr	Amplatz Right 1		
NT/DC/7AR20	07 Fr	Amplatz Right 2		

#### Multipurpose A Cournand Technique

REF	French	Description	
NT/DC/6MPA1	06 Fr	Multipurpose A1	
NT/DC/6MPA2	06 Fr	Multipurpose A2	. 3
NT/DC/7MPA1	07 Fr	Multipurpose A1	
NT/DC/7MPA2	07 Fr	Multipurpose A2	



#### Ventricular Straight Pigtail (110 cm)

REF		French	Description	
NT/DC/	5PIG	05 Fr	Pigtail	
NT/DC/	6PIG	06 Fr	Pigtail*	<u></u>
NT/DC/	7PIG	07 Fr	Pigtail	

### **ULTRAFLOW Radial Angiography Catheters**

REF French Description
NT/DC/5R-NT 05 Fr Radial Cath
NT/DC/6R-NT 06 Fr Radial Cath

No Star - No Sampling, Check Availability before confirming order of Non Running products.
\* No Sampling Available, Check Availability of Running Products.
\* Sampling Available, No need to check availability of highly moving products, Easily Available

Newtech Medical Devices Pvt. Ltd.

14/5, Mathura Road, Pocket B, Sector 27, Faridabad, Haryana -121003, INDIA +91 129 225 9961 Tel +91 129 225 9962 Mail ID info@ntmdevices.com Website www.ntmdevices.com

Our Distributor :		







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### Aspiration Catheter

Newtech Medical is presenting Catheter which take control of the Aspiration Process in sync with the proven leader in thrombus removal. It also features a small diameter that enhances crossing and contrast visibility

Document No: NTM/BR/01 Revision No - 00

#### **Optimal Trackability**

With our new, improved and unique hydrophilic coating, our aspiration catheter have excellent trackability

#### Optimized tip design

Newtech's aspiration catheter is equipped with improved tip design, which increase deliverability

#### **Excellent Pushability**

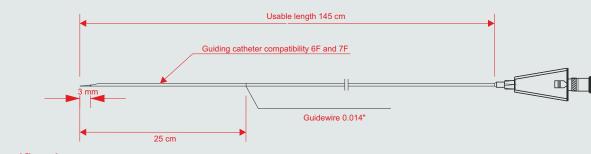
With innovative shaft our aspiration catheter have excellent pushability

#### Kink Resistance

Newtech Medical's Aspiration catheter is specifically designed to have a kink resistive shaft.

#### Key features

- Extra stiff also available
- 25cm Rapid Exchange Length
- 0.014" Guideiwire Compatibility
- Depth positioning (Radiopaque markers)
- Tapered tip for smooth catheter transition
- 6F Guide catheter compatibility (0.070" min. ID)
- Large Aspiration Lumen to facilitate quick aspiration
- Extrusion wire braided kink resistant 145 cm catheter



### Specifications

		Rapid Exchan	ge Usable	Guiding	
REF	French	Length (cm)	Length (cm)	Catheter	Stylet
NT/AC/6F	06 Fr	25	145	6F*	Without
NT/AC/6FST	06 Fr	25	145	6F*	With
NT/AC/7F	07 Fr	25	145	7F*	Without
NT/AC/7FST	07 Fr	25	145	7F*	With

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\*\* Sampling Available, No need to check availability of highly moving products, Easy Available.

#### Newtech Medical Devices Pvt. Ltd.

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### **Embolectomy Catheter**

Embolectomy catheters are sterile medical devices dedicated for removal of fresh arterial embolism. Catheter is non-toxic, pyrogene free, visible under fluoroscopy.

Single lumen catheters use hand-tied balloons that are glued in three areas and pre-stretched for flexibility. These catheters are strong and able to withstand a substantial force before the balloon disengages from the catheter. Balloons are well-centered and resistant to rupture.

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#### Resistant to rupture

Balloon of our Embolectomy catheters are manufactured in this manner that it is resistant to rupture during process.

Strength

Constructed with durable material which help to withstand a substantial force before the balloon disengages.



Colour coding and pacing Embolectomy Catheters are colour coded to visually segregate various French Sizes. These are packed in strong plastic shell type casing.



Predictable inflation The balloons inflate at a consistent rate as the volume of the balloon increases



#### With Stylet

Newtech Embolectomy Catheters comes with stainless stylet for easier insertion of the catheter

#### **Specifications**

REF	French	Length	Diameter ¢ mm	of Inflated Balloon 0.9% NaCl(ml)	Colour Code
NT/EC/SL240	02 Fr	40 cm	4	0.15	Transperent
NT/EC/SL260	02 Fr	60 cm*	4	0.15	mansperent
NT/EC/SL380	03 Fr	80 cm*	6	0.2	Green
NT/EC/SL480	04 Fr	80 cm*	8	0.7	Red
NT/EC/SL580	05 Fr	80 cm*	10	1.5	White
NT/EC/SL680	06 Fr	80 cm*	12	2.0	Blue
NT/EC/SL780	07 Fr	80 cm*	14	2.5	Yellow
NT/EC/SL880	08 Fr	80 cm*	16	3.5	Brown
NT/EC/SL980	09 Fr	80 cm	18	4.0	Purple
NT/EC/SL1080	) 10 Fr	80 cm	20	4.5	Grey

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Our Dist	tributor ·	
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Inflation Device

Particular

NT/ID/012WK 20 cc/30ATM with Kit\*\* Star - No Sampling, Check Availability before confirming order of Non Running product to Sampling Available, Check Availability of Running Products. ampling Available, No need to check availability of Righty moving products, Easy Avail

20 cc/30ATM\*\*

Standard

NT/ID/012

REF

From Indigenous Ideas to Newtech Solutions



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### **Inflation Device Standard**

Ergonomically designed device to ensure accurate inflation of Interventional Devices. Features an angled analog gauge for better viewing of pressure readings and a luminescent dial for low-lit procedures.

Specification :

- Comfortable handle grip.
- 30 ATM gauge to facilitate high-pressure applications.
- Progressive resistance while inflation gives pressure feedback.
- Device with large barrel to maximize vacuum for rapid and easy deflation.

Standard Inflation device Kit Contains : Inflation Device (Standard) PTCA Y Connector Blunt Needle Torque Device





From Indigenous Ideas to Newtech Solutions

### **ClearID** Inflation Device

### **Newtech Medical Device**

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Currently one of the largest manufacturer & importer in the field of Cardiology, Nephrology & Surgical Disposables in INDIA.

### **Inflation Device Premium**

Ergonomically designed device to ensure accurate inflation of Interventional Devices. Features an angled analog gauge for better viewing of pressure readings and a luminescent dial for low-lit procedures.

#### Specification :

• Comfortable handle grip.

• 30 ATM gauge to facilitate high-pressure applications.

- Progressive resistance while inflation gives pressure feedback.
- Device with large barrel to maximize vacuum for rapid and easy deflation.

Premium Inflation device Kit Contains : Inflation Device (Premium) PTCA Y Connector Blunt Needle Torque Device

#### Inflation Device Premium

REF	Particular
NT/ID/013	20 cc/30ATM*
NT/ID/013WK	20 cc/30ATM with Kit*

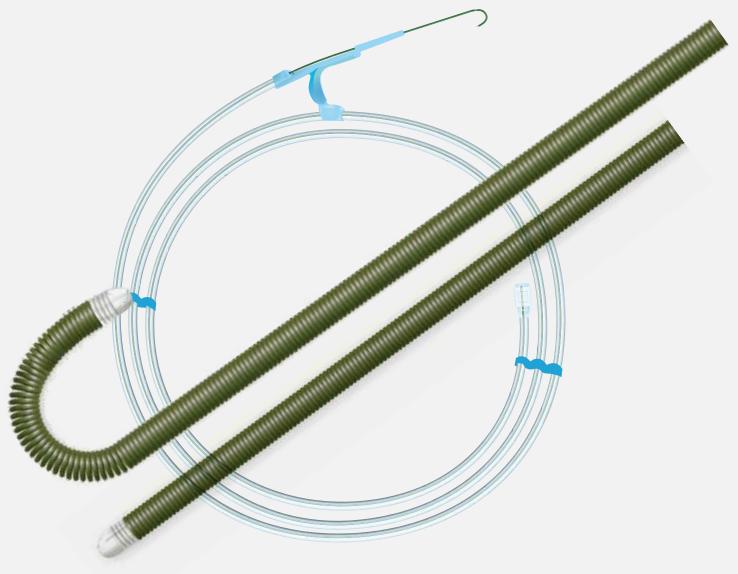
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### **Guidewires**

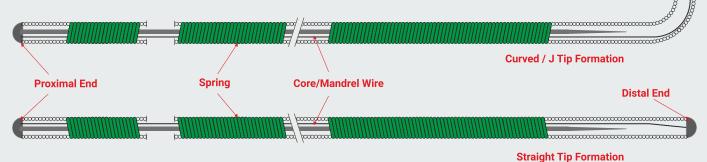
We the NEWTECH MEDICAL DEVICES, as a manufacturer we have worked hard towards achieving excellence in the process of quality "GUIDE WIRES in which we have undergone 100,000 hours of skilled manpower. In the year 2012, we got ourselves collaborated with market leader from Ireland. Sophisticated Technology, Quality Machineries and Expertise Research have been inculcated in our processing unit in Faridabad, India. This venture help us to accomplish our goal to make remarkable products" Guide Wire under the brand name of NEWTECH" the metal and raw materials are being imported from renowned companies situated in countries like Ireland, Netherlands and United State of America.

Newtech Medical Devices is the first Indian Company which manufactures PTFE coated Guidewires. We are Indian pioneers to introduce Coated Guidewires, Uncoated Guidewires, Nitinol Guidewires, Hydrophilic Guidewires and Lunderquist Guidewires. Our Guidewires are available with J tip or straight tip or double distal ends. We have SS Core Stiff Guidewires, Extra Stiff Guidewires and Super Stiff Guidewires to meet every Clinical requirement of Professionals.

We do have Kink Resistive guidewires as well.

Our Guidewires range is available from diameter 0.018" to 0.038", which supports length up-to 260 cm.





### **Dialysis Guidewires : Standard**

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REF	Specification	Coating
NT/GW/3270JUN	0.032 Inch ,70cm, J Tip	Uncoated*
NT/GW/3270STUN	0.032 Inch ,70cm, ST Tip	Uncoated*
NT/GW/3570JUN	0.035 Inch ,70cm, J Tip	Uncoated*
NT/GW/3570STUN	0.035 Inch ,70cm, ST Tip	Uncoated**
NT/GW/3870JUN	0.038 Inch ,70cm, J Tip	Uncoated**
NT/GW/3870STUN	0.038 Inch ,70cm, ST Tip	Uncoated*
NT/GW/3280JUN	0.032 Inch ,80cm, J Tip	Uncoated
NT/GW/3280STUN	0.032 Inch ,80cm, ST Tip	Uncoated
NT/GW/3580JUN	0.035 Inch ,80cm, J Tip	Uncoated
NT/GW/3580STUN	0.035 Inch ,80cm, ST Tip	Uncoated
NT/GW/3880JUN	0.038 Inch ,80cm, J Tip	Uncoated
NT/GW/3880STUN	0.038 Inch ,80cm, ST Tip	Uncoated
NT/GW/3270J	0.032 Inch ,70cm, J Tip	PTFE Coating
NT/GW/3270ST	0.032 Inch ,70cm, ST Tip	PTFE Coating
NT/GW/3570J	0.035 Inch ,70cm, J Tip	PTFE Coating
NT/GW/3570ST	0.035 Inch ,70cm, ST Tip	PTFE Coating
NT/GW/3870J	0.038 Inch ,70cm, J Tip	PTFE Coating
NT/GW/3870ST	0.038 Inch ,70cm, ST Tip	PTFE Coating
NT/GW/3280J	0.032 Inch ,80cm, J Tip	PTFE Coating
NT/GW/3280ST	0.032 Inch ,80cm, ST Tip	PTFE Coating
NT/GW/3580J	0.035 Inch ,80cm, J Tip	PTFE Coating
NT/GW/3580ST	0.035 Inch ,80cm, ST Tip	PTFE Coating
NT/GW/3880J	0.038 Inch ,80cm, J Tip	PTFE Coating
NT/GW/3880ST	0.038 Inch ,80cm, ST Tip	PTFE Coating
*Standard Configuration : 3mm	St or I Tin Standard Stiffness Fixed (	Core PTEE Coating over SS

Standard Configuration : 3mm St or J Tip, Standard Stiffness, Fixed Core, PTFE Coating over SS.

### **Dialysis Guidewires : Kink Resistive**

REF	Specification	Coating
NT/GWN/3270JUN	0.032 Inch ,70cm, J Tip	Uncoated
NT/GWN/3270STUN	0.032 Inch ,70cm, ST Tip	Uncoated
NT/GWN/3570JUN	0.035 Inch ,70cm, J Tip	Uncoated
NT/GWN/3570STUN	0.035 Inch ,70cm, ST Tip	Uncoated
NT/GWN/3870JUN	0.038 Inch ,70cm, J Tip	Uncoated
NT/GWN/3870STUN	0.038 Inch ,70cm, ST Tip	Uncoated
NT/GWN/3280JUN	0.032 Inch ,80cm, J Tip	Uncoated
NT/GWN/3280STUN	0.032 Inch ,80cm, ST Tip	Uncoated
NT/GWN/3580JUN	0.035 Inch ,80cm, J Tip	Uncoated
NT/GWN/3580STUN	0.035 Inch ,80cm, ST Tip	Uncoated
NT/GWN/3880JUN	0.038 Inch ,80cm, J Tip	Uncoated
NT/GWN/3880STUN	0.038 Inch ,80cm, ST Tip	Uncoated
NT/GWN/3270J	0.032 Inch ,70cm, J Tip	PTFE Coating
NT/GWN/3270ST	0.032 Inch ,70cm, ST Tip	PTFE Coating
NT/GWN/3570J	0.035 Inch ,70cm, J Tip	PTFE Coating
NT/GWN/3570ST	0.035 Inch ,70cm, ST Tip	PTFE Coating
NT/GWN/3870J	0.038 Inch ,70cm, J Tip	PTFE Coating
NT/GWN/3870ST	0.038 Inch ,70cm, ST Tip	PTFE Coating
NT/GWN/3280J	0.032 Inch ,80cm, J Tip	PTFE Coating
NT/GWN/3280ST	0.032 Inch ,80cm, ST Tip	PTFE Coating
NT/GWN/3580J	0.035 Inch ,80cm, J Tip	PTFE Coating
NT/GWN/3580ST	0.035 Inch ,80cm, ST Tip	PTFE Coating
NT/GWN/3880J	0.038 Inch ,80cm, J Tip	PTFE Coating
NT/GWN/3880ST	0.038 Inch ,80cm, ST Tip	PTFE Coating
*Standard Configuration : 3mm	St or I Tin Standard Stiffness Fixed	Core PTEE Coating over SS

\*Standard Configuration : 3mm St or J Tip, Standard Stiffness, Fixed Core, PTFE Coating over SS.

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Tel	+91 129 225 9961	
	+91 129 225 9962	
Mail ID	info@ntmdevices.com	
Website	www.ntmdevices.com	

#### Angiography Guidewires : Standard

ingiography	duidownos . Otane	lara
REF	Specification	Coating
NT/GW/18150J	0.018 Inch ,150cm, J Tip	PTFE Coating*
NT/GW/18150ST	0.018 Inch ,150cm, St Tip	PTFE Coating*
NT/GW/25150J	0.025 Inch ,150cm, J Tip	PTFE Coating*
NT/GW/25150ST	0.025 Inch ,150cm, St Tip	PTFE Coating*
NT/GW/28150J	0.028 Inch ,150cm, J Tip	PTFE Coating*
NT/GW/28150ST	0.028 Inch ,150cm, St Tip	PTFE Coating*
NT/GW/32150J	0.032 Inch ,150cm, J Tip	PTFE Coating**
NT/GW/32150ST	0.032 Inch ,150cm, St Tip	PTFE Coating**
NT/GW/35150J	0.035 Inch ,150cm, J Tip	PTFE Coating**
NT/GW/35150ST	0.035 Inch ,150cm, St Tip	PTFE Coating**
NT/GW/38150J	0.038 Inch ,150cm, J Tip	PTFE Coating**
NT/GW/38150ST	0.038 Inch ,150cm, St Tip	PTFE Coating**
NT/GW/18260J	0.018 Inch ,260cm, J Tip	PTFE Coating*
NT/GW/18260ST	0.018 Inch ,260cm, St Tip	PTFE Coating*
NT/GW/25260J	0.025 Inch ,260cm, J Tip	PTFE Coating*
NT/GW/25260ST	0.025 Inch ,260cm, St Tip	PTFE Coating*
NT/GW/28260J	0.028 Inch ,260cm, J Tip	PTFE Coating*
NT/GW/28260ST	0.028 Inch ,260cm, St Tip	PTFE Coating*
NT/GW/32260J	0.032 Inch ,260cm, J Tip	PTFE Coating*
NT/GW/32260ST	0.032 Inch ,260cm, St Tip	PTFE Coating*
NT/GW/35260J	0.035 Inch ,260cm, J Tip	PTFE Coating*
NT/GW/35260ST	0.035 Inch ,260cm, St Tip	PTFE Coating*
NT/GW/38260J	0.038 Inch ,260cm, J Tip	PTFE Coating*
NT/GW/38260ST	0.038 Inch ,260cm, St Tip	PTFE Coating*
Standard Configuration	3mm St or I Tin Standard Stiffness	Fixed Core PTEE Coating over SS

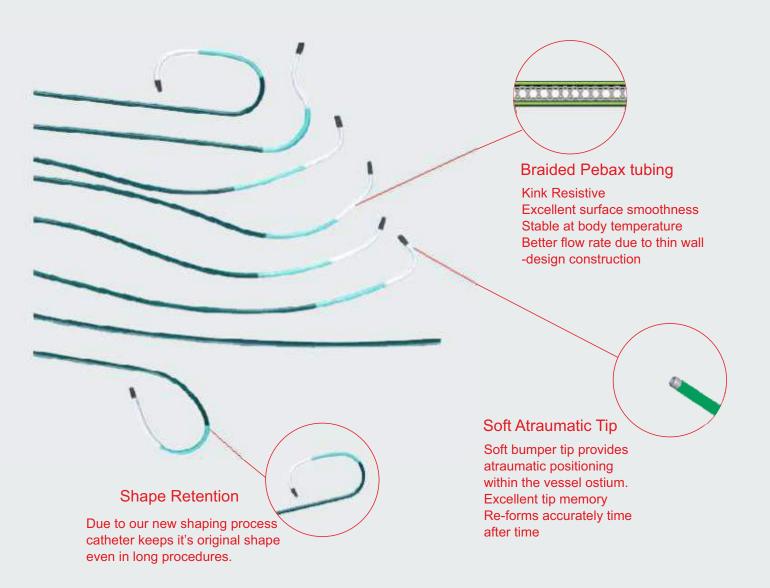
Standard Configuration : 3mm St or J Tip, Standard Stiffness, Fixed Core, PTFE Coating over SS.

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The high flow of the catheter allows for more contrast into the vessel that results in a clear, bright angiogram. Your diagnosis and treatment planning is enhanced. Quick, Safe Vessel Engagement: polymer material and full length braiding provides excellent push ability and efficient torque transmission for outstanding handling. Soft tip designed to reduce potential for vessel trauma. Wide variety of curve styles for all possible anatomies. Used in Angioplasty for Cardiac patients and are designed to deliver radiopaque contrast medium to selected sites in the vascular system.

### **Guiding Catheters**

#### Left Coronary Judkins Technique (100 cm)

REF	French	Description
NT/DC/5JL35	05 Fr	Judkins Left 3.5
NT/DC/5JL40	05 Fr	Judkins Left 4.0
NT/DC/5JL45	05 Fr	Judkins Left 4.5
NT/DC/5JL50	05 Fr	Judkins Left 5.0
NT/DC/6JL35	06 Fr	Judkins Left 3.5**
NT/DC/6JL40	06 Fr	Judkins Left 4.0**
NT/DC/6JL45	06 Fr	Judkins Left 4.5
NT/DC/6JL50	06 Fr	Judkins Left 5.0
NT/DC/7JL35	07 Fr	Judkins Left 3.5
NT/DC/7JL40	07 Fr	Judkins Left 4.0
NT/DC/7JL45	07 Fr	Judkins Left 4.5
NT/DC/7JL50	07 Fr	Judkins Left 5.0

$\sim$	JL3.5
$\sim$	JL4.0
	JL4.5
	JL5.0

#### Right Coronary Judkins Technique (100 cm)

REF	French	Description	
NT/DC/5JR35	05 Fr	Judkins Right 3.5	JR3.5
NT/DC/5JR40	05 Fr	Judkins Right 4.0	011010
NT/DC/5JR45	05 Fr	Judkins Right 4.5	
NT/DC/5JR50	05 Fr	Judkins Right 5.0	JR4.0
NT/DC/6JR35	06 Fr	Judkins Right 3.5**	
NT/DC/6JR40	06 Fr	Judkins Right 4.0**	JR4.5
NT/DC/6JR45	06 Fr	Judkins Right 4.5	
NT/DC/6JR50	06 Fr	Judkins Right 5.0	S
NT/DC/7JR35	07 Fr	Judkins Right 3.5	JR5.0
NT/DC/7JR40	07 Fr	Judkins Right 4.0	51(0.0
NT/DC/7JR45	07 Fr	Judkins Right 4.5	
NT/DC/7JR50	07 Fr	Judkins Right 5.0	

Left Coronary Amplatz Technique (100 cm)		
REF	French	Description
NT/DC/5AL10	05 Fr	Amplatz Left 1
NT/DC/5AL20	05 Fr	Amplatz Left 2
NT/DC/6AL10	06 Fr	Amplatz Left 1
NT/DC/6AL20	06 Fr	Amplatz Left 2
NT/DC/7AL10	07 Fr	Amplatz Left 1

Amplatz Left 2

27	AL1.0
, i	
	AL2.0

#### Right Coronary Amplatz Technique (100 cm)

REF	French	Description		
NT/DC/5AR10	05 Fr	Amplatz Right 1		
NT/DC/5AR20	05 Fr	Amplatz Right 2		AR1.0
NT/DC/6AR10	06 Fr	Amplatz Right 1	-	4.00.0
NT/DC/6AR20	06 Fr	Amplatz Right 2	- t_	AR2.0
NT/DC/7AR10	07 Fr	Amplatz Right 1		
NT/DC/7AR20	07 Fr	Amplatz Right 2		

#### Coronary XBU Technique

NT/DC/7AL20 07 Fr

REF	French	Description
NT/GC/5XBL	J3005 Fr	ExtraBackUp 3.0
NT/GC/5XBL	J3505 Fr	ExtraBackUp 3.5
NT/GC/5XBL	J4005 Fr	ExtraBackUp 4.0
NT/GC/6XBL	J3006 Fr	ExtraBackUp 3.0
NT/GC/6XBL	J3506 Fr	ExtraBackUp 3.5
NT/GC/6XBL	J4006 Fr	ExtraBackUp 4.0
NT/GC/7XBL	J3007 Fr	ExtraBackUp 3.0
NT/GC/7XBL	J3507 Fr	ExtraBackUp 3.5
NT/GC/7XBL	J4007 Fr	ExtraBackUp 4.0



XBU 3.0, XBU 3.5, XBU 4.0

Coronary Multipurpose Angled Technique		
REF	French	Description
NT/GC/5MPA10	05 Fr	Multipurpose Angled 1.0
NT/GC/5MPA20	05 Fr	Multipurpose Angled 2.0
NT/GC/6MPA10	06 Fr	Multipurpose Angled 1.0
NT/GC/6MPA20	06 Fr	Multipurpose Angled 2.0
NT/GC/7MPA10	07 Fr	Multipurpose Angled 1.0
NT/GC/7MPA20	07 Fr	Multipurpose Angled 2.0

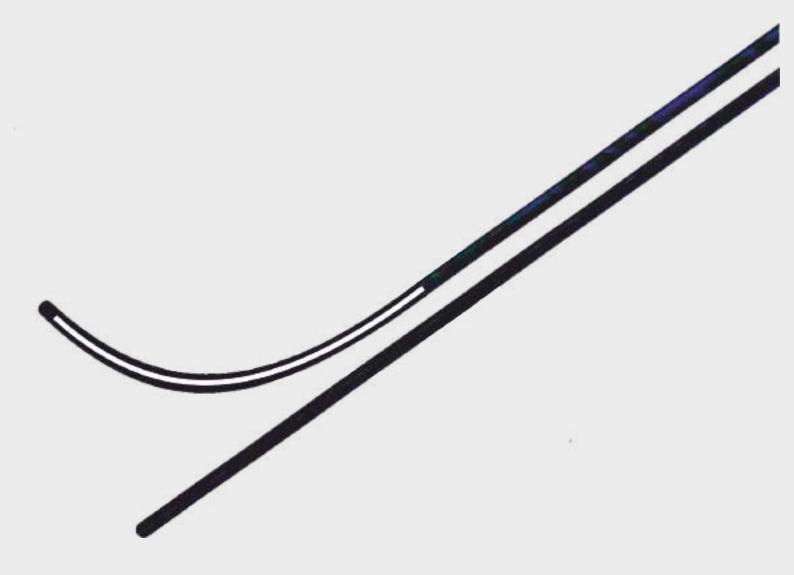


#### Newtech Medical Devices Pvt. Ltd.

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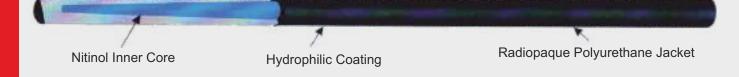


# Hydrophilic Guidewire

Acqua Wire Guidewire is a Standard type are Nitinol hydrophilic guidewires covered with polyurethane and a hydrophilic polymer coathing for an excellent manoeuvrability and absebteeism of friction. Indicated for standard angiography in Coronary and Peripheral territories, catheterization, embolization, peripheral angioplasty and stenting (with or without exchange wire), and subintimal angioplasty in small, standard or large proximal or distal vessels.

Document No: NTM/BR/01 Revision No - 00

### Hydrophilic Guidewire : Standard Type



#### **Product Characteristic**

- Acqua wire has non traumatic, flexible tapered tip which increase flexibility for excellent smooth and safe navigation through vessels.
- Improvised hydrophilic coating provide smoother navigation through catheter and vessels. It also prevents blood platelet adhesion and thrombus formation.
- With new polyurethane radiopaque jacket Acqua wire has very smooth surface to minimize blood adhesion to the guidewire.
- Rounded end decrease likelihood of vessel traumas smoother guide wire insertion.

### **Ordering Information**

Specification	Coating
0.018 Inch, 150cm, ST Tip	Hydrophilic Coating
0.021 Inch, 150cm, ST Tip	Hydrophilic Coating
0.025 Inch, 150cm, ST Tip	Hydrophilic Coating
0.028 Inch, 150cm, ST Tip	Hydrophilic Coating
0.032 Inch, 150cm, ST Tip	Hydrophilic Coating
0.035 Inch, 150cm, ST Tip	Hydrophilic Coating
0.038 Inch, 150cm, ST Tip	Hydrophilic Coating
0.018 Inch, 150cm, Angle Tip	Hydrophilic Coating
0.021 Inch, 150cm, Angle Tip	Hydrophilic Coating
0.025 Inch, 150cm, Angle Tip	Hydrophilic Coating
0.028 Inch, 150cm, Angle Tip	Hydrophilic Coating
0.032 Inch, 150cm, Angle Tip	Hydrophilic Coating
0.035 Inch, 150cm, Angle Tip	Hydrophilic Coating
0.038 Inch, 150cm, Angle Tip	Hydrophilic Coating
	0.018 Inch, 150cm, ST Tip 0.021 Inch, 150cm, ST Tip 0.025 Inch, 150cm, ST Tip 0.028 Inch, 150cm, ST Tip 0.032 Inch, 150cm, ST Tip 0.035 Inch, 150cm, ST Tip 0.038 Inch, 150cm, ST Tip 0.018 Inch, 150cm, Angle Tip 0.021 Inch, 150cm, Angle Tip 0.025 Inch, 150cm, Angle Tip 0.032 Inch, 150cm, Angle Tip 0.032 Inch, 150cm, Angle Tip 0.032 Inch, 150cm, Angle Tip

\*Standard Configuration : 3mm St/Angle Tip, Standard Stiffness, Fixed Core, Hydrophilic Coating

#### Standard Hydrophilic Guidewire : 150cm Standard Hydrophilic Guidewire : Small Size

REF	Specification	Coating
NT/GWH/3245ST	0.032 Inch, 45cm, ST Tip	Hydrophilic Coating
NT/GWH/3545ST	0.035 Inch, 45cm, ST Tip	Hydrophilic Coating
NT/GWH/3845ST	0.038 Inch, 45cm, ST Tip	Hydrophilic Coating
NT/GWH/3245A	0.032 Inch, 45cm, Angle Tip	Hydrophilic Coating
NT/GWH/3545A	0.035 Inch, 45cm, Angle Tip	Hydrophilic Coating
NT/GWH/3845A	0.038 Inch, 45cm, Angle Tip	Hydrophilic Coating

\*Standard Configuration : 3mm St/Angle Tip, Standard Stiffness, Fixed Core, Hydrophilic Coating

### Standard Hydrophilic Guidewire : 180 cm

REF	Specification	Coating
NT/GWH/32180ST	0.032 Inch, 180cm, ST Tip	Hydrophilic Coating
NT/GWH/35180ST	0.035 Inch, 180cm, ST Tip	Hydrophilic Coating
NT/GWH/38180ST	0.038 Inch, 180cm, ST Tip	Hydrophilic Coating
NT/GWH/32180A	0.032 Inch, 180cm, Angle Tip	Hydrophilic Coating
NT/GWH/35180A	0.035 Inch, 180cm, Angle Tip	Hydrophilic Coating
NT/GWH/38180A	0.038 Inch, 180cm, Angle Tip	Hydrophilic Coating

\*Standard Configuration : 3mm St/Angle Tip, Standard Stiffness, Fixed Core, Hydrophilic Coating

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### Standard Hydrophilic Guidewire : Small Size

REF	Specification	Coating
	0.032 Inch, 260cm, ST Tip	Hydrophilic Coating
NT/GWH/35260ST	0.035 Inch, 260cm, ST Tip	Hydrophilic Coating
NT/GWH/38260ST	0.038 Inch, 260cm, ST Tip	Hydrophilic Coating
NT/GWH/32260A	0.032 Inch, 260cm, Angle Tip	Hydrophilic Coating
NT/GWH/35260A	0.035 Inch, 260cm, Angle Tip	Hydrophilic Coating
NT/GWH/38260A	0.038 Inch, 260cm, Angle Tip	Hydrophilic Coating

\*Standard Configuration : 3mm St/Angle Tip, Standard Stiffness, Fixed Core, Hydrophilic Coating

Our Distributor :		



片



### **Newtech Medical Device**

We develop & manufacture, market and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field of interventional cardiology and dialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medical device and whose quality anticipates the requirements of our professional clients and the patients they serve.

Currently one of the largest manufacturer & importer in the field of Cardiology, Nephrology & Surgical Disposables in INDIA.

### **Introducer Sheath**

Newtech Medical Devices<sup>™</sup> Introducer Sheath offers you a blend of flexibility, support and visualization, the capability you need to respond to your challenging cases. How the Newtech Medical Devices<sup>™</sup> Sheath Works Coronary catheterization is а minimally invasive procedure to access the coronary circulation using a catheter. The procedure uses a special dye that visualizes the blood flow through the heart. The procedure begins with access to the femoral/radial artery . A needle is inserted through the skin into the femoral artery. The needle is withdrawn until a flash of blood appears.

#### **Specifications**

**Smooth Transitions** 

- Smooth transitions facilities easer the entry with lower insertion force.
- Improved kink resistance and lubricity enhance push ability while maintaining devices integrity.
- Long, gradually tapered tip reduces potential for vessel trauma

Document No: NTM/BR/01 Revision No - 00

#### **Excellent Catheter Passage**

Silicone/Hydrophilic coated valve and smooth inner surface promote easy device passage Tricuspid valve design promotes hemostasis

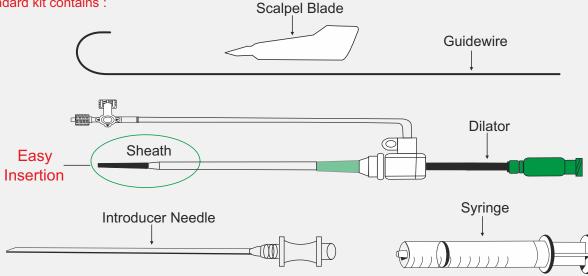
#### **Easy Operation**

Innovative dilator/hub twist-lock for safety and security during insertion hub allows.visibility

#### Advance Tip to Dilator Transitions

We use innovative radiofrequency shape technique which provides excellent tip to dilator transition, this helps in getting smooth insertion into the vessel.

#### Newtech Medical Offers Sheath in Kit, Standard kit contains :



#### **Specifications** Femoral Sheath

remoral Sheath						
REF	French	Length	Guidewire	Needle		
NT/IS/0407	04 Fr	07 cm	0.035" DDJ	18G		
NT/IS/0511	05 Fr	11 cm	0.038" DDJ	18G**		
NT/IS/0523	05 Fr	23 cm	0.038" DDJ	18G		
NT/IS/0545	05 Fr	45 cm	0.038" DDJ	18G		
NT/IS/0560	05 Fr	60 cm	0.038" DDJ	18G		
NT/IS/0611	06 Fr	11 cm	0.038" DDJ	18G**		
NT/IS/0623	06 Fr	23 cm	0.038" DDJ	18G*		
NT/IS/0645	06 Fr	45 cm	0.038" DDJ	18G*		
NT/IS/0660	06 Fr	60 cm	0.038" DDJ	18G		
NT/IS/0711	07 Fr	11 cm	0.038" DDJ	18G**		
NT/IS/0723	07 Fr	23 cm	0.038" DDJ	18G		
NT/IS/0745	07 Fr	45 cm	0.038" DDJ	18G		
NT/IS/0760	07 Fr	60 cm	0.038" DDJ	18G		
NT/IS/0811	08 Fr	11 cm	0.038" DDJ	18G		
NT/IS/0911	09 Fr	11 cm	0.038" DDJ	18G		
NT/IS/1011	10 Fr	11 cm	0.038" DDJ	18G		

#### **Radial Sheath**

REF	French	Length	Guidewire	Needle
NT/RS/0507	05 Fr	07 cm	0.021" SDSt	20G
NT/RS/0511	05 Fr	11 cm	0.021" SDSt	20G
NT/RS/0607	06 Fr	07 cm	0.021" SDSt	20G**
NT/RS/0611	06 Fr	11 cm	0.021" SDSt	20G*
No Star - No Sampling Check Av	ailability before cor	firming order of Non	Punning products	

No Sampling, Check Availability before confirming order of Non Running products. No Sampling Available, Check Availability of Running Products. Samnling Available, No need to check availability of highly moving products, Easily Available

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Our	Distribut	or :		



From Indigenous Ideas to Newtech Solutions





### **Newtech Medical Device**

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Currently one of the largest manufacturer & importer in the field of Cardiology, Nephrology & Surgical Disposables in INDIA.

### **Introducer Needle**

Newtech Medical Devices offer ClearNeedle with smoother surface, which provide less friction as well as guarantee consistent performance. Our needle has enhanced sharpened tip with polymer coated cannula which provide better and smoother penetration during Seldinger Technique. Flawless metal surface of cannula made of SS304V. We offer Introducer Needle with thin outer wall which help get better inner diameter of cannula to provide more space to introduce ClearGwire. Newtech Medical devices offers needle in Square Hub, Round Hub and Y Shape. (This helps to provide the dual port for insertion from single penetration.)





### ClearControl Dose Control Syringe

8 0 0

E



# Also available in 20ml size.

 Specification

 REF
 Particular

 NT/CS/10ML\*
 10 ml Dose control

 NT/CS/12ML\*\*
 12 ml Dose control

 NT/CS/20ML
 20 ml Dose control

 NT/CS/20ML
 20 ml Dose control

 No Star- No Sampling. Check Availability before confirming order of Non Running products.
 \* No Sampling Available. Check Availability of Running Products.

### **Coronary Control Syringe**

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



From Indigenous Idea to Newtech Solution



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### **Introducer Sheath**

Newtech Medical Devices Introducer Sheath offers you a blend of flexibility, support and visualization, the capability you need to respond to your challenging cases.

## How the Newtech Medical Devices Sheath Works:

Coronary catheterization is a minimally invasive procedure to access the coronary circulation using a catheter. The procedure uses a special dye that visualizes the blood flow through the heart. The procedure begins with access to the Introducer Sheath artery. A needle is inserted through the skin into the femoral artery. The needle is withdrawn until a flash of blood appears.

### Features & Advantages:

#### **Smooth Transitions**

- Smooth transitions facilities easer the entry with lower insertion force.
- Improved kink resistance and lubricity enhance push ability while maintaining devices integrity.
- Long, gradually tapered tip reduces potential for vessel trauma.

#### **Smooth Transitions**

Silicone/Hydrophilic coated valve and smooth inner surface promote easy device passage Tricuspid valve design promotes hemostasis.

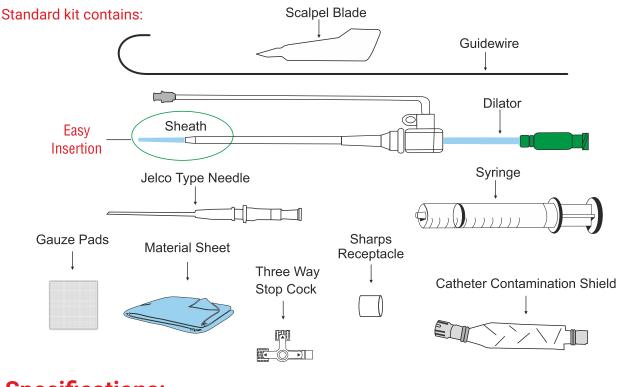
#### **Easy Operation**

- Innovative dilator/hub twist-lock for safety and security during insertion.
- Translucent hub allows visibility.
- Rotating suture wing allows for sheath securement.

#### **Advance Tip to Dilator Transitions**

We use innovative radiofrequency shape technique which provides excellent tip to dilator transition, this helps in getting smooth insertion into the vessel.

#### **Introducer Sheath & Kit**



### **Specifications:**

#### **INTRODUCER SHEATH & KIT**

REF	French	Length
NT/ISK/8510	8.5 Fr	10 cm

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#### Color coded manifolds are also available, choose your reference code as MANC to.order

#### Manifolds Standard Pressure

REF	Port	Туре	Pressure (Recommende
NT/MAN/20NP	2 ports	Right on	250 psi**
NT/MAN/20FFP	2 ports	Right off	250 psi**
NT/MAN/3ONP	3 ports	Right on	250 psi**
NT/MAN/30FFP	3 ports	Right off	250 psi**
NT/MANC/20NP	2 ports	Right on	250 psi**
NT/MANC/20FFP	2 ports	Right off	250 psi**
NT/MANC/30NP	3 ports	Right on	250 psi**
NT/MANC/30FFP	3 ports	Right off	250 psi**

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## Manifold (250 psi)

Newtech Medical offers excellent quality of Manifolds. These manifolds are for standard pressure (upto 250 psi) procedures.

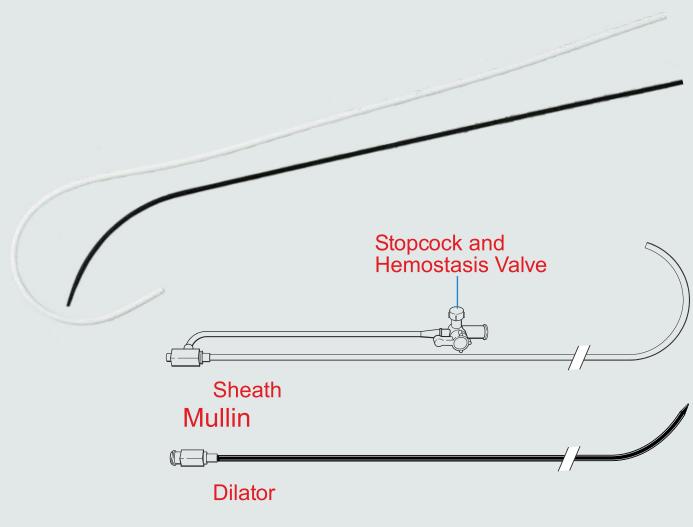
**Special Features :** For low pressure injections Smooth-turning handles Large internal manifold lumen (2.3mm diameter) for high flow rates





Mullin Introducer Sheath

ClearSheath



#### Mullin Sheath/Transeptal Sheath

REF	Size	Sheath Leng	th Dilator Length	Wire Size Max
NT/MS/6F	6 F	60 cm	67 cm	0.032 in
NT/MS/7F	7 F	60 cm	67 cm	0.032 in
NT/MS/8F	8 F	60 cm	67 cm	0.032 in

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### Mullin Sheath/ Transseptal Introducer Sheaths

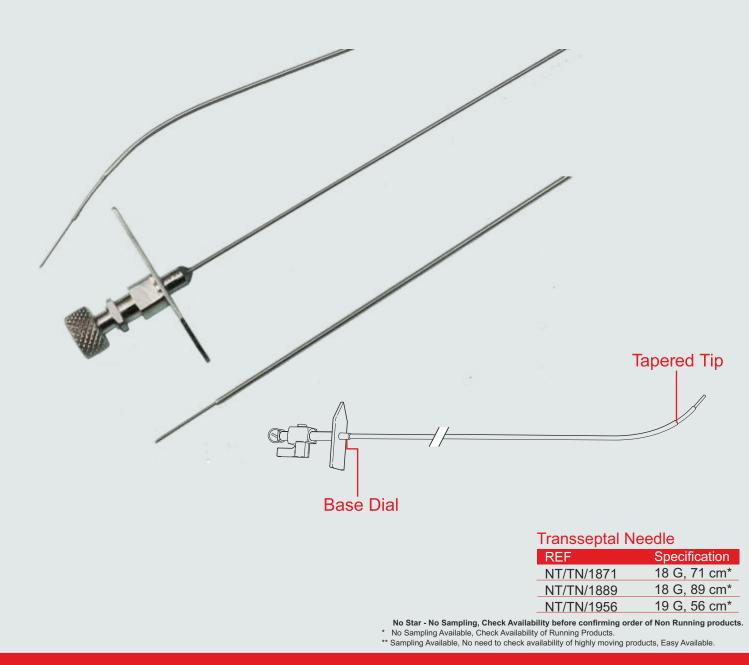
Transseptal technique allows left atrial access from the venous system for catheter ablation of left-sided arrhythmogenic substrates. Many physicians prefer the transseptal approach; others use it when a transaortic (retrograde) approach is contraindicated. The Mullin Sheath and Brockenbrough Needle are sterile, single-use products designed to allow access to the left atrium during electrophysiology procedures.

The sterile Mullin sheath/dilator set serves as a conduit for the needle and electrophysiology









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### **Transseptal Needle**

Newtech Medical Transseptal Needle has comfortable grip due to it's ergonomic designed handle. It is easy to manipulate and control during procedures because of a tapered and ergonomic tip.

- Tapered Tip Design.
- Made of Stainless Steel.
- Ergonomic Designed Handle.









### **OTW Balloon Catheter**

The ClearLine Over-the-Wire Semicompliant Balloon Dilatation Catheter is designed with enhanced push and flexibility for easier lesion access, low tip and crossing profiles, excellent rewrap for smooth recross and a comprehensive size matrix for precise sizing.

ClearLine is available in :

• Semi-Compliance Over-the-Wire Balloon Catheter

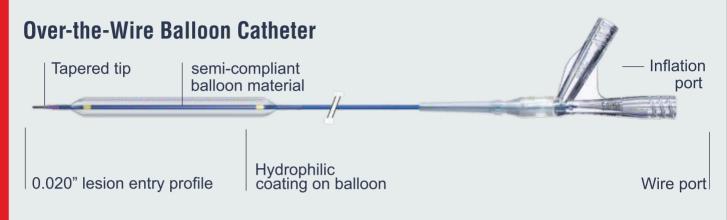
#### Features :

- Designed to improve kink resistance.
- Seamless shaft to enhance push efficiency.
- High pressure resistance offering precise dilation force.
- Provides complete range of balloon length (6.0mm 25.0mm) and diameter (1.5 3.00 mm) to meet all clinical scenarios.

### **FEATURES**

Each case brings its own challenges: treating an ultratight lesion, the need to navigate through a tortuous anatomy or the need to have a specific size balloon for greater precision.

The OTW catheter is designed to address these challenges. It is designed with enhanced push and flexibility for easier lesion access, low tip and crossing profiles, excellent rewrap for smooth recross and a comprehensive size matrix for precise sizing.



### **OTW SEMICOMPLIANT OVER-THE-WIRE BALLOON DILATATION CATHETER**

The Newtech Medical devices Over-the-Wire Semicompliant Balloon Dilatation Catheter is designed with enhanced push and flexibility for easier lesion access, low tip and crossing profiles, excellent rewrap for smooth recross and a comprehensive size matrix for precise sizing.

Ref Number	Specifications
CLOTW1506	OD : 1.5 mm Length : 06 mm
CLOTW1510	OD: 1.5 mm Length: 10 mm
CLOTW1512	OD : 1.5 mm Length : 12 mm
CLOTW1515	OD : 1.5 mm Length : 15 mm
CLOTW1520	OD : 1.5 mm Length : 20 mm
CLOTW2010	OD : 2.0 mm Length : 10 mm**
CLOTW2015	OD : 2.0 mm Length : 15 mm
CLOTW2020	OD : 2.0 mm Length : 20 mm
CLOTW2025	OD : 2.0 mm Length : 25 mm
CLOTW2030	OD : 2.0 mm Length : 30 mm
CLOTW2510	<u> OD : 2.5 mm Length : 10 mm</u>
CLOTW2515	<u> OD : 2.5 mm Length : 15 mm</u>
CLOTW2520	OD : 2.5 mm Length : 20 mm
CLOTW2525	OD : 2.5 mm Length : 25 mm
CLOTW2530	OD : 2.5 mm Length : 30 mm
CLOTW27510	OD : 2.75 mm Length : 10 mm
CLOTW27515	OD : 2.75 mm Length : 15 mm
CLOTW27520	OD : 2.75 mm Length : 20 mm
CLOTW27525	OD : 2.75 mm Length : 25 mm
CLOTW27530	OD : 2.75 mm Length : 30 mm
CLOTW3010	OD : 3.0 mm Length : 10 mm
CLOTW3015	OD : 3.0 mm Length : 15 mm
CLOTW3020	OD : 3.0 mm Length : 20 mm
CLOTW3025	<u>OD : 3.0 mm Length : 25 mm</u>

#### **Compliance Chart**

				,	<b>、</b>	
	- E	Balloon	Diamet	er (mm	)	
ATM	1.50	2.00	2.25	2.50	2.75	3.00
1	1.21	1.68	1.90	2.10	2.35	2.46
2	1.28	1.77	2.01	2.23	2.48	2.65
3	1.34	1.85	2.09	2.31	2.55	2.69
4	1.40	1.90	2.15	2.39	2.63	2.86
5	1.45	1.95	2.20	2.45	2.69	2.94
6*	1.50	2.00	2.25	2.50	2.75	3.00
7	1.54	2.04	2.29	2.54	2.79	3.06
8	1.58	2.07	2.32	2.57	2.83	3.11
9	1.61	2.11	2.35	2.60	2.86	3.14
10	1.64	2.14	2.37	2.63	2.89	3.18
11	1.66	2.18	2.40	2.66	2.92	3.21
12	1.69	2.22	2.42	2.68	2.95	3.24
13	1.71	2.26	2.44	2.71	2.97	3.28
14	1.73	2.29	2.46	2.73	3.00	3.31
15	1.76	2.34	2.49	2.76	3.03	3.34
16* '	* 1.79	2.39	2.51	2.78	3.06	3.37
17	1.82	2.44	2.53	2.80	3.08	3.41
18	1.86	2.50	2.56	2.82	3.10	3.44
19	1.90	2.57	2.58	2.84	3.12	3.48
20	1.94	2.64	2.60	2.86	3.16	3.52
21	1.98	2.71	2.62	2.88		

#Nominal Pressure ## Rated Burst Pressure

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Our Distributor :





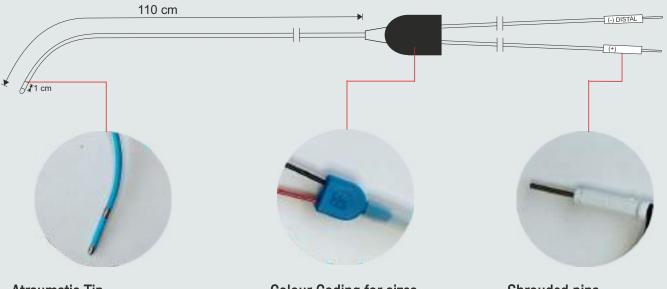


Temporary pacing leads are sterile, disposable, non toxic, pyrogene free medical devices made of biocompatible material visible under fluoroscopy.

Newtech Pacing leads are designed for temporary trans venous pacing, primarily for reanimation for patients with the sudden ventricular arrest. It can be used in the present and threatening bradycardia caused by conduction system disorder and acute myocardial infarction. Indications for use may procedures with risk of clinically significant decrease of heart rate and also the need to manage recurrent dangerous ventricular arrhythmias.

### **Product Feature** Compatibility

The Newtech Pacing lead are designed to work with all available pacemakers including pacemakers having sockets for shrouded pins. For this purpose, the electrode is equipped with special adapter, which may be fastened on the standard plug for connecting the lead with pacemaker accepting shrouded pins.



Atraumatic Tip Newtech offer excellent atraumatic tip in our pacing lead.

#### Electrode with soft distal end

**Colour Coding for sizes** This enables visual recognition of the pacing lead size.

#### Shrouded pins

Electrode is equipped with special adapter, which may be fastened on the standard plug for connecting the electrode with pacemaker accepting shrouded pins.

REF	Size	Total Length	Usable Length	Electrode Spacing	Resista	ance(Ω)	Color of the
	СН	(mm)	(mm)	(mm)	Distal	Proximal	Hub
NT/PL/SE4Z	4	1250	1120	4-10	17	56	Red
NT/PL/SE5Z	5	1250	1120	4-10	12	34	White
NT/PL/SE6Z	6	1250	1120	4-10	8	22	Blue
NT/PL/SE7Z	7	1250	1120	4-10	8	22	Yellow

#### **Electrode with Balloon**

REF	Size	Total Length	Usable Length	Electrode Spacing	Resist	ance(Ω)	Color of the
		(mm)	(mm)	(mm)	Distal	Proximal	Hub
NT/PL/SE4Z-B	4	1250	1050	10-12	17	56	Red
NT/PL/SE5Z-B	5	1250	1050	10-12	12	34	White
NT/PL/SE6Z-B	6	1250	1050	10-12	8	22	Blue
NT/PL/SE7Z-B	7	1250	1050	10-12	8	22	Yellow

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#### Pressure Monitoring Line

REF	Particular
NT/PML/10MF	Male to Female 10 cm
NT/PML/10MM	Male to Male 10 cm
NT/PML/15MF	Male to Female 15 cm
NT/PML/15MM	Male to Male 15 cm
NT/PML/25MF	Male to Female 25 cm
NT/PML/25MM	Male to Male 25 cm
NT/PML/35MF	Male to Female 35 cm
NT/PML/35MM	Male to Male 35 cm
NT/PML/50MF	Male to Female 50 cm
NT/PML/50MM	Male to Male 50 cm
NT/PML/100MF	Male to Female 100 cm**
NT/PML/100MM	Male to Male 100 cm
NT/PML/150MF	Male to Female 150 cm**
NT/PML/150MM	Male to Male 150 cm
NT/PML/200MF	Male to Female 200 cm**
NT/PML/200MM	Male to Male 200 cm
NT/PML/250MM	Male to Male 250 cm
NT/PML/250MF	Male to Female 250 cm
NT/PML/300MF	Male to Female 300 cm
NT/PML/300MM	Male to Male 300 cm

#### **Extension Line**

REF	Particular
NT/EL/10MF	Male to Female 10 cm
NT/EL/10MM	Male to Male 10 cm
NT/EL/15MF	Male to Female 15 cm
NT/EL/15MM	Male to Male 15 cm
NT/EL/25MF	Male to Female 25 cm
NT/EL/25MM	Male to Male 25 cm**
NT/EL/35MF	Male to Female 35 cm
NT/EL/35MM	Male to Male 35 cm
NT/EL/50MF	Male to Female 50 cm
NT/EL/50MM	Male to Male 50 cm
NT/EL/100MF	Male to Female 100 cm
NT/EL/100MM	Male to Male 100 cm
NT/EL/150MF	Male to Female 150 cm
NT/EL/150MM	Male to Male 150 cm
NT/EL/200MF	Male to Female 200 cm
NT/EL/200MM	Male to Male 200 cm
NT/EL/300MF	Male to Female 300 cm
NT/EL/300MM	Male to Male 300 cm

No Star - No Sampling, Check Availability before confirming order of Non Running products. No Sampling Available, Check Availability of Running Products. Sampling Available, No need to check availability of highly moving products, Easily Available.

### **Pressure Monitoring Line**

ClearTubo Pressure Monitoring Line is made up of High quality medical grade PVC tubing, it helps to reduce the risk of kinking. It comes with a choice of either male to male or male to female luer lock. The pressure range of this line is up to 5 Bar. The Length we offer is 10 cm to 300 cm.

#### **Features**

- Small bore pressure line helps to get accurate pressure transmission to the ClearCath tip & ClearGuide tip.
- · Kink resistant medical grade PVC tube does not bulge even at high pressure.
- Male and female luer lock help to ensures secure connection.
- E.T.O. sterile, high degree of safety and low toxicity
- · Multi end adapter option, compatible with different specifications





Document No: NTM/BR/01 Revision No - 00

Pressure Tolerance 600 psi			Pressure Tolerance 1200 psi "Sleek in Diameter"
ClearTubo	mater (E.O. mma)		
600 psi (Outer Dia	· · · ·	ClearTubo Flexi	
REF	Length	1200 psi (Outer Di	ameter : 3.6 mm)
NT/HPT/20CM NT/HPT/25CM	20 cm/7.90 Inches 25 cm/9.84 Inches	REF	Length
NT/HPT/30CM	30 cm/11.81 Inches	NT/HPT/20CMF	20 cm/7.90 Inches
NT/HPT/50CM	50 cm/19.66 Inches	NT/HPT/25CMF	25 cm/9.84 Inches
NT/HPT/75CM	75 cm/29.53 Inches	NT/HPT/30CMF	30 cm/11.81 Inches
NT/HPT/100CM	100 cm/39.37 Inches	NT/HPT/50CMF	50 cm/19.66 Inches
NT/HPT/120CM	120 cm/47.24 Inches**	NT/HPT/75CMF	75 cm/29.53 Inches
NT/HPT/150CM	150 cm/59.06 Inches	NT/HPT/100CMF	100 cm/39.37 Inches
NT/HPT/200CM	200 cm/78.74 Inches	NT/HPT/120CMF	120 cm/47.24 Inches*
No Star - No Sampling, Check Availability before c No Sampling Available, Check Availabilit Sampling Available, No need to check av		NT/HPT/150CMF NT/HPT/200CMF	150 cm/59.06 Inches 200 cm/78.74 Inches

### Newtech Medical Device

We develop & manufacture, market and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field of interventional cardiology and dialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medical device and whose quality anticipates the requirements of our professional clients and the patients they serve.

Currently one of the largest manufacturer & importer in the field of Cardiology, Nephrology & Surgical Disposables in INDIA.

### High Pressure Tubing

ClearTubo High Pressure Tubing are made of soft and kink resistant PVC. These high pressure lines have Male luer lock connector at one end and female luer lock connector at other end. These tubing are available in pressure range from 500 PSI to 1200 PSI. ClearTubo is also available in braided tubing. If you are looking for a advanced braided high pressure tubes then ask for Clear Tubo Flexi.





### PTCA Balloon Catheter

The ClearLine Balloon Catheter offers a range of ballooning options and features that allow physicians to select the appropriate Balloon catheter based on clinical needs.

ClearLine is available in :

- Semi-Compliance
- Non-Compliance
- CTO (Chronic Total Occlusion)

Features :

- Designed to improve kink resistance.
- Seamless shaft to enhance push efficiency.
- High pressure resistance offering precise dilation force.
- Provides complete range of balloon length (6.0mm -30.0mm) and diameter (1.0 4.00 mm) to meet all clinical scenarios.







### **Revolutionary New Shaft**

Have one of the smallest cross-sectional shaft profile. We have improved kink resistance by 30% This new shaft have enhanced torque and trackability

### **Tested Safety Profile**

Balloon bursts safely (at axis tear) even during excessive inflation pressure beyond the ABP

Technical Details		
Balloon Material		Pebax
Balloon Compliance		Semi-Compliant
Shaft Diameter	distal	2.55F (1.50 - 2.75 mm)
		2.70F (3.00 - 4.00 mm)
	proximal	1.90F
Transition Prox./ Dist. Shaft		SS tube / Tri-extrusion
Usable Length		142 cm
Recommended Guidewire		0.014"
Recommended Guiding Cathe	ter	5F
Nominal Pressure		6 atm
Rated Burst Pressure		16 atm
Average Burst Pressure		20 atm
Coating		Lubricant Coating

Ref Number	Specifications
CL1506	OD : 1.5 mm Length : 06 mm
CL1510	OD: 1.5 mm Length: 10 mm
CL1512	OD : 1.5 mm Length : 12 mm
CL1515	OD : 1.5 mm Length : 15 mm
CL1520	OD : 1.5 mm Length : 20 mm
CL2010	OD: 2.0 mm Length: 10 mm**
CL2015	OD : 2.0 mm Length : 15 mm
CL2020	OD : 2.0 mm Length : 20 mm
CL2025	OD : 2.0 mm Length : 25 mm
CL2030	OD : 2.0 mm Length : 30 mm
CL2510	OD : 2.5 mm Length : 10 mm
CL2515	OD : 2.5 mm Length : 15 mm
CL2520	OD : 2.5 mm Length : 20 mm
CL2525	OD : 2.5 mm Length : 25 mm
CL2530	OD : 2.5 mm Length : 30 mm
CL27510	OD : 2.75 mm Length : 10 mm
CL27515	OD : 2.75 mm Length : 15 mm
CL27520	OD : 2.75 mm Length : 20 mm

#### **Compliance Chart**

		В	alloon	Diame	ter (m	m)		
ATM	1.50	2.00	2.25	2.50	2.75	3.00	3.50	4.00
1	1.21	1.68	1.90	2.10	2.35	2.46	2.96	3.19
2	1.28	1.77	2.01	2.23	2.48	2.65	3.10	3.50
3	1.34	1.85	2.09	2.31	2.55	2.69	3.21	3.68
4	1.40	1.90	2.15	2.39	2.63	2.86	3.31	3.82
5	1.45	1.95	2.20	2.45	2.69	2.94	3.41	3.92
6*	1.50	2.00	2.25	2.50	2.75	3.00	3.50	4.00
7	1.54	2.04	2.29	2.54	2.79	3.06	3.58	4.07
8	1.58	2.07	2.32	2.57	2.83	3.11	3.65	4.13
9	1.61	2.11	2.35	2.60	2.86	3.14	3.71	4.18
10	1.64	2.14	2.37	2.63	2.89	3.18	3.76	4.23
11	1.66	2.18	2.40	2.66	2.92	3.21	3.80	4.27
12	1.69	2.22	2.42	2.68	2.95	3.24	3.84	4.31
13	1.71	2.26	2.44	2.71	2.97	3.28	3.87	4.35
14	1.73	2.29	2.46	2.73	3.00	3.31	3.90	4.38
15	1.76	2.34	2.49	2.76	3.03	3.34	3.93	4.42
16**		2.39	2.51	2.78	3.06	3.37	3.96	4.44
17	1.82	2.44	2.53	2.80	3.08	3.41	4.00	4.46
18	1.86	2.50	2.56	2.82	3.10	3.44	4.04	4.48
19	1.90	2.57	2.58	2.84	3.12	3.48	4.09	4.50
20	1.94	2.64	2.60	2.86	3.16	3.52	4.14	4.52
21	1.98	2.71	2.62	2.88				

#### #Nominal Pressure ## Rated Burst Pressure

Ref Number	Specifications
CL27525	OD : 2.75 mm Length : 25 mm
CL27530	OD : 2.75 mm Length : 30 mm
CL3010	OD : 3.0 mm Length : 10 mm
CL3015	OD : 3.0 mm Length : 15 mm
CL3020	OD : 3.0 mm Length : 20 mm
CL3025	OD : 3.0 mm Length : 25 mm
CL3030	OD : 3.0 mm Length : 30 mm
CL3510	OD : 3.5 mm Length : 10 mm
CL3515	OD : 3.5 mm Length : 15 mm
CL3520	OD : 3.5 mm Length : 20 mm
CL3525	OD : 3.5 mm Length : 25 mm
CL3530	OD : 3.5 mm Length : 30 mm
CL4010	OD : 4.0 mm Length : 10 mm
CL4015	OD : 4.0 mm Length : 15 mm
CL4020	OD : 4.0 mm Length : 20 mm
CL4025	OD : 4.0 mm Length : 25 mm
CL4030	OD : 4.0 mm Length : 30 mm



Clearline -NC non-compliant balloon catheters are designed to perform the tough post-dilatation process after stenting procedure in th PCI. With an extremely low balloon compliance and a high rate burst pressure even during excessive balloon inflation, Cleanline-NC catheter offers excellent safety profile for users.

Technical Details	
Balloon Material	Nylon
Balloon Compliance	Very Low
Shaft Diameter	2.70F
	1.90F
Transition Prox./ Dist. Shaft	SS tube / Tri-extrusion
Usable Length	142 cm
Recommended Guidewire	0.014"
Recommended Guiding Cathet	er 5F
Nominal Pressure	10 atm
Rated Burst Pressure	20 atm
Average Burst Pressure	26 atm
Coating	Lubricant Coating
Profile (3.00 mm standard)	0.030"
Lesion Entry Profile	0.016"

#### **Compliance Chart**

		Ballo	on Diam	eter (mm	ı)
ATM	2.50	2.75	3.00	3.50	4.00
2	2.21	2.44	2.66	3.26	3.55
4	2.31	2.55	2.76	3.33	3.74
6	2.39	2.63	2.87	3.40	3.85
8	2.45	2.70	2.95	3.46	3.95
10*	2.50	2.75	3.00	3.50	4.00
12	2.53	2.80	3.05	3.53	4.02
14	2.55	2.83	3.08	3.56	4.09
16	2.58	2.87	3.11	3.59	4.14
18	2.60	2.90	3.14	3.61	4.15
20**	2.62	2.94	3.17	3.64	4.18
22	2.64	2.98	3.20	3.67	4.22
24	2.66	3.03	3.24	3.69	4.24
26	2.68	3.05	3.26	3.73	4.29

\* Nominal Pressure \*\* Rated Burst Pressure

Ref Number	Specifications	
CL2510NC		Length : 10 mm
CL2512NC		Length : 12 mm
CL2515NC	OD : 2.5 mm	Length : 15 mm
CL2520NC	OD : 2.5 mm	Length : 20 mm
CL2525NC	OD : 2.5 mm	Length : 25 mm
CL27510NC	OD : 2.75 mm	Length : 10 mm
CL27512NC	OD : 2.75 mm	Length : 12 mm
CL27515NC	OD : 2.75 mm	Length : 15 mm
CL27520NC	OD : 2.75 mm	Length : 20 mm
CL27525NC	OD : 2.75 mm	Length : 25 mm
CL3010NC	OD : 3.0 mm	Length : 10 mm**
CL3012NC	OD : 3.0 mm	Length : 12 mm
CL3015NC	OD : 3.0 mm	Length : 15 mm
CL3020NC	OD : 3.0 mm	Length : 20 mm
CL3025NC	OD : 3.0 mm	Length : 25 mm
CL3510NC	OD : 3.5 mm	Length : 10 mm
CL3512NC	OD : 3.5 mm	Length : 12 mm
CL3515NC	OD : 3.5 mm	Length : 15 mm
CL3520NC	OD : 3.5 mm	Length : 20 mm
CL3525NC	OD : 3.5 mm	Length : 25 mm
CL4010NC	OD : 4.0 mm	Length : 10 mm
CL4012NC	OD : 4.0 mm	Length : 12 mm
CL4015NC	OD : 4.0 mm	Length : 15 mm
CL4020NC		Length : 20 mm
CL4025NC	OD : 4.0 mm	Length : 25 mm

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 \* No Sampling Available, Check Availability of Running Products.
 \*\* Sampling Available, No need to check availability of highly moving products, Easy Available.

### ClearLine-CTO Chronic Total Occlusion Balloon Catheter

### **Product Feature**

Clearline-CTO has a new tip and shaft design for enhanced pushability and cross ability. It uses S-Lube hydrophilic coating to ensure smooth passing in tortuous lesions. Clearline-CTO represents one of the smallest balloons (1.0mm balloon diameter) in the world.

**Special Features:** 

Improved tip with superb crossability Ultra- low crossing profile 0.7mm (for 1.0mm diameter balloon). Slender rewrap capability

Extra-durable shaft for enhanced pushability and superb kink resistance

Technical Details	
Tip Lead in profile	0.016"
Crossing Profile	0.80 to 1.10 mm
Distal Shaft Material	Pebax/Nylon
Distal Shaft Diameter	1.00 to 2.75 mm : 2.6F
	3.00 to 4.00 mm : 2.7F
Proximal Shaft Material	SS Hypotube
Proximal Shaft Diameter	1.9F
Nominal Pressure	6 atm
Rated Burst Pressure	1.00 to 1.10 mm : 20 atm
	1.25 to 4.00 mm : 16 atm
Average Burst Pressure	1.00 to 1.10 mm : 24 atm
	1.25 to 4.00 mm : 20 atm
Balloon Folding	1.00 to 1.50 mm : BiFold
	2.00 to 4.00 mm : TriFold
Average Balloon Compliance	15 <u>+</u> 5%
Coating	Lubricant Coating
Usable Length	142 cm
Recommended Guidewire	0.014"

Ref Number	Specifications
CL1006CTO	OD : 1.0 mm Length : 06 mm
CL1010CTO	OD : 1.0 mm Length : 10 mm
CL1012CTO	OD : 1.0 mm Length : 12 mm
CL1015CTO	OD : 1.0 mm Length : 15 mm
CL12506CTO	OD : 1.25 mm Length : 06 mm
CL12510CTO	OD : 1.25 mm Length : 10 mm
CL12512CTO	OD : 1.25 mm Length : 12 mm
CL12515CTO	OD : 1.25 mm Length : 15 mm

#### Compliance Chart

	Balloon Diameter (mm)							
ATM	1.00	1.10	1.25	1.50	2.00	2.50	3.00	3.50 4.00
2	0.94	1.02	1.19	1.28	1.77	2.23	2.65	3.10 3.50
4	0.98	1.04	1.21	1.40	1.90	2.39	2.86	3.31 3.82
6*	1.00	1.10	1.25	1.50	2.00	2.50	3.00	3.50 4.00
8	1.02	1.14	1.30	1.58	2.07	2.57	3.11	3.65 4.13
10	1.05	1.18	1.38	1.64	2.14	2.63	3.18	3.76 4.23
12	1.08	1.23	1.43	1.69	2.22	2.68	3.24	3.84 4.31
14	1.13	1.28	1.46	1.73	2.29	2.73	3.31	3.90 4.38
16	1.16	1.32	1.48	1.79	2.39	2.78	3.37	3.96 4.44
18	1.22	1.36	1.50	1.86	2.50	2.82	3.44	4.04 4.48
20**	1.25	1.40	1.53	1.94	2.64	2.86	3.52	4.14 4.52
22	1.28	1.43	1.56					

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Our Distributor :		







## We can customize the kit as per the requirement of clients

### **Newtech Medical Device**

We develop, manufacture, market and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field of interventional cardiology and dialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medical device and whose quality anticipates the equirements of our professional clients and the patients they serve.

Currently one of the largest manufacturer & importer in the field of Cardiology, Nephrology & Surgical Disposables in INDIA.

### **PTCA Kit**

ClearKit offers an effective and complete package of disposable of Angioplasty. The components are listed below :

- Blunt Needle
- IV Set vented
- Torque Device
- Manifold 3 Port
- IV Set non vented
- Control Syringe
- High Pressure Tubing 50 cm
- Hemostatic Y Connector Screw Type
- Pressure Monitoring Line 50 cm & 100 cm





REF	SPECIFICATION
NT/PK/SC/01	Screw Type Y Connector Manifold 3 Port Right on
NT/PK/PP/01	Push Pull type Y Connector Manifold 3 Port Right on
NT/PK/PC/01	Push Click Type Y ConnectorManifold 3 Port Right on
NT/PK/SC/02	Screw Type Y Connector Manifold 3 Port Right off
NT/PK/PP/02	Push Pull type Y Connector Manifold 3 Port Right off
NT/PK/PC/02	Push Click Type Y Connector Manifold 3 Port Right off

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# W-Connectors are also available

#### Standard Kit

Our Standard Kit contains:

- PTCA Y Connector with side port.
- Blunt Needle.
- Torque Device

Specifications	
REF	Particular
NT/PY/PP/01	Push Pull Type **
NT/PY/PC/01	Push Click Type *
NT/PY/ST/01	Screw Type *
NT/PYK/PP/01	Push Pull Type kit **
NT/PYK/PP/01	Push Click Type kit *
NT/PYK/PP/01	Screw Type kit *
No Star - No Sampling, Check Availability befo * No Sampling Available, Check Availa ** Sampling Available, No need to check	

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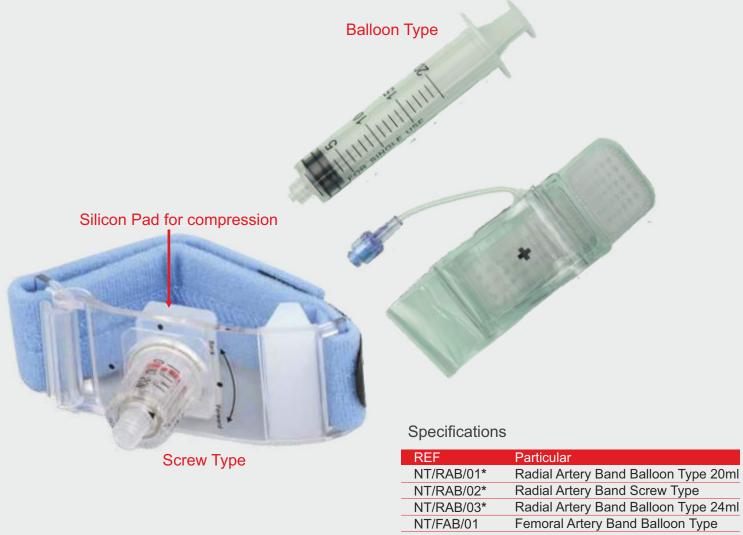
### Hemostatic PTCA Y Connector

ClearConnector are easy, fast and accurate single handed intra vascular device for insertion of PTCA Guidewire. Perfect insertion device respecting the integrity of the coated surface with combination of a hemostatic valve and an integrated valve opener. It is a clean and safe product with a minimized backflow thus limiting blood loss during the procedure.









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### Radial and Femoral Artery Band

Radial Artery Band (ClearBand) is used to stop bleeding after Angiography procedure, PTCA procedure or PCI procedure. Feature :

- Transparent design for precise operation.
- Adjustable soft silicon compression parts make the patient feel easy after procedure.

#### FA Band (Femoral Artery Band)

Features :

- Luer lock fits both ordinary syringe and control syringe.
- Tape with super adhesive balloon having sufficient stanching pressure.







### **Stylet Pacing Lead**

### Description

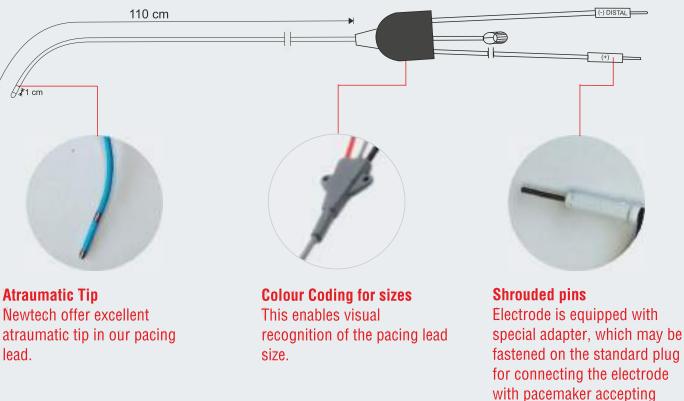
Stylet pacing lead are sterile, disposable, non toxic, pyrogene free medical devices made of biocompatible material visible under fluoroscopy.

Newtech Pacing leads are designed for temporary trans venous pacing, primarily for patients with the sudden ventricular arrest. It can be used in the present and threatening bradycardia caused caused by conduction system disorder and acute myocardial infraction. Indications for use may procedures with risk of clinically significant decrease of heart rate and also the need to manage recurrent dangerous ventricular arrhythmias.

### Compatibility

The Newtech Pacing lead are designed to work with all available pacemakers including pacemakers having sockets for shrouded pins. For this purpose, the electrode is equipped with special adapter, which may be fastened on the standard plug for connecting the lead with pacemaker accepting shrouded pins.





### **Specifications**

		Total	Usable	Electrode	Resist	ance (Ω)	Colour of
REF	French	Length (mm)	Length (mm)	spacing (mm)	Distal	<b>Proximal</b>	Hub
NT/PL/SE4Z	04 Fr	1250	1120	4-10	17	56	Red
NT/PL/SE5Z	05 Fr	1250	1120	4-10	12	34	White
NT/PL/SE6Z	06 Fr	1250	1120	4-10	8	22	Blue
NT/PL/SE7Z	07 Fr	1250	1120	4-10	8	22	Yellow

### Newtech Medical Devices Pvt. Ltd.

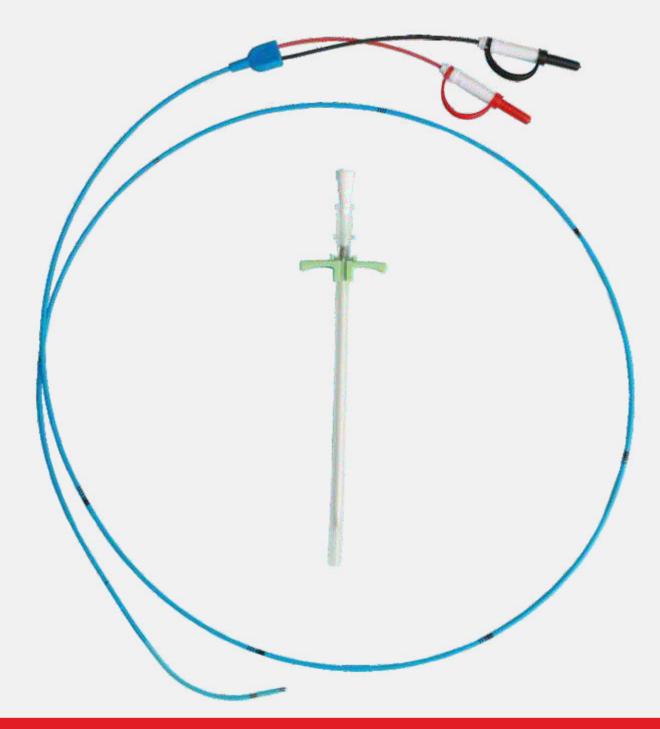
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shrouded pins.







### **Temporary Pacing Lead**

### Description

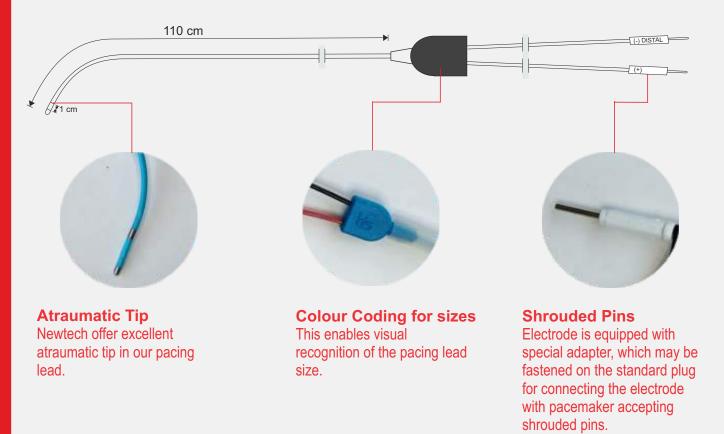
Temporary pacing leads are sterile, disposable, non toxic, pyrogene free medical devices made of biocompatible material visible under fluoroscopy.

Newtech Pacing leads are designed for temporary trans venous pacing, primarily for patients with the sudden ventricular arrest. It can be used in the present and threatening bradycardia caused by conduction system disorder and acute myocardial infraction. Indications for use may procedures with risk of clinically significant decrease of heart rate and also the need to manage recurrent dangerous ventricular arrhythmias.



#### Compatibility

The Newtech Pacing lead are designed to work with all available pacemakers having sockets for shrouded pins. For this purpose, the electrode is equipped with special adapter, which may be fastened on the standard plug for connecting the lead with pacemaker accepting shrouded pins.



### **Specifications**

REF	French	Total Length (mm)	Usable Length (mm)	Electrode spacing (mm)		ance (Ω) Proximal	Colour of Hub
NT/PL/SE5Z		1250	1120	4-10	12	34	White
NT/PL/SE6Z	06 Fr	1250*	1120	4-10	8	22	Blue
NT/PL/SE7Z	07 Fr	1250	1120	4-10	8	22	Yellow

No Star - No Sampling, Check Availability before confirming order of Non Running products. \* No Sampling Available, Check Availability of Running Products. \* Sampling Available, On need to check availability of highly moving products, Easily Available

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# **Clear ThermoCath**

### **Thermodilution Catheter**

From Indigenous Idea to Newtech Solution

### HIGH QUALITY MEDICAL DEVICES

### Newtech Medical Devices Pvt. Ltd.

We develop, manufacture, market and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field of interventional cardiology and dialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medical device and whose quality anticipates the requirements of our professional clients and the patients they serve.

Currently one of the largest manufacturer, exporter & importer in the field of Cardiology, Nephrology, Urology & Surgical Disposables in INDIA.

### **Thermodilution Catheter - Introduction**

Newtech's Clear ThermoCath Thermodilution Catheter offer the flexibility of multiple solutions as they provide insight into a patient's hemodynamics.

Clear ThermoCath Thermodilution Catheter come with a variety of stiffness characteristics, tip shapes and infusion port options—providing comprehensive choices in catheter control, insertion points, and infusion to meet your varied patient needs. The Clear ThermoCath family of catheters is backed by technical support, clinical and interactive training, educational tools, and more.



### **Features:**

- When used with a compatible monitor, the following parameters are available through the thermodilution catheters: ICO, RAP, PAPs, PAOP.
- The distal (pulmonary artery) port also allows sampling of mixed venous blood for the assessment of oxygen transport balance and the calculation of derived parameters such as oxygen consumption, oxygen utilization coefficient, and intrapulmonary shunt fraction.
- Assess hemodynamic condition through direct intracardiac and pulmonary artery pressure monitoring, determine cardiac output, and infuse solutions (when used with a compatible monitoring platform).
- The Clear ThermoCath VIP catheters have an extra lumen with proximal port (30 cm) for infusion in addition to the standard distal and injectate lumens to provide direct access to the right atrium.

# **Specifications:**

#### Catheter Insertion Distance Markings

Location	Distance to VC/RA junction	Distance to PA	
Internal Jugular	15-20 cm	40-55 cm	Thermistor
Subclavian Vein	10-15 cm	35-50 cm	connector
Femoral Vein	30 cm	60 cm	Proximal injectate
Right Antecubital Fossa	40 cm	75 cm	lumen
Left Antecubital Fossa	50 cm	80 cm	hub 🔪 👝
Note: Catheter markings occur black line. 50 cm markings are must exit introducer sheath befo	e denoted by a thick bl		Thermistor Volume infusion port (VIP) hub
			10 cm PA distal
50 cm 40 cr	n 30 cm	u 20 cm	10 cm

#### Clinical applications for Clear ThermoCath Thermodilution Catheter:

- Acute heart failure
- Severe hypovolemia
- Complex circulatory situations
- Medical emergencies
- Acute respiratory distress syndrome
- Gram negative sepsis
- Drug intoxication
- Acute renal failure
- Hemorrhagic pancreatitis
- History of pulmonary or cardiac disease

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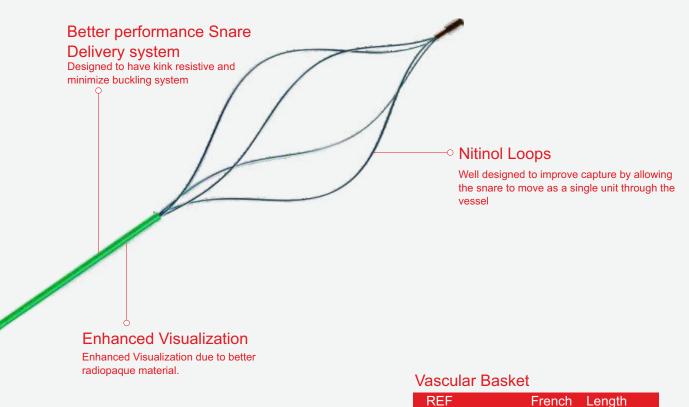
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- Fluid shifts (e.g., extensive intra-abdominal operations)
- Management of high-risk obstetrical patients
- Diagnosed cardiac disease
- Toxemia
- Premature separation of placenta
- Cardiac output determinations
- Differential diagnosis of mitral regurgitation and ventricular septal rupture
- Diagnosis of cardiac tamponade
- Intra and post-operative management of high risk patients

Our Distributor :		







REF	French	Length
NT/SB/22150	2.2 Fr	150 cm
NT/SB/25150	2.5 Fr	150 cm
NT/SB/30150	3.0 Fr	150 cm

### **Newtech Medical Device**

We develops manufactures, markets and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field 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.

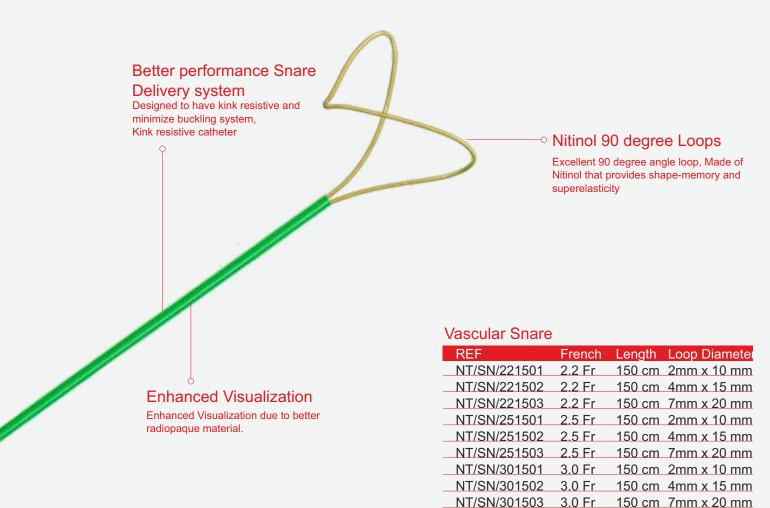
Currently one of the largest manufacturers & importers infield of Cardiology, Nephrology & Surgical Disposables in INDIA.

### Vascular Basket

Newtech vascular Basket have been developed to assist and designed to enhance clinical outcome in Interventional procedures. These vascular baskets are used to retrive the foreign objects in the cardio vascular system or hollow viscous.







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### Vascular Snare

A vascular snare is a endovascular device that is used to remove foreign bodies from inside arteries and veins. The snare consists of several radiopaque loops of wire inside a catheter, which when extended flower out, and which collapse when withdrawn into the catheter.

Newtech vascular snare have been developed to assist and designed to enhance clinical outcome in Interventional procedures and the Snare loop with 90 degree to shaft remains coaxial to the lumen to manipulate foreign objects in the cardiovascular system.

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