

Zplus®

**AW ATLANTIC WORLD**  
“ Bringing Security to life ”

CARDIOLOGY INTERVENTION PRODUCT RANGE

[www.atlantic-world.com](http://www.atlantic-world.com)

**The Zplus Balloon Catheter is our featured product**

- Designed to improve kink resistance.
- Seamless shaft to enhance push efficiency.
- High pressure resistance offers precise dilation force.
- Complete range of balloons lengths (06 – 40 mm) and sizes (1.5 – 4 mm) to meet all clinical scenarios . Flexible options are available for our customers to select the appropriate balloon catheter based on the clinical needs.

**Zplus Balloon Catheter is available in**

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

**Zplus**  
**PTCA-BALLOON**



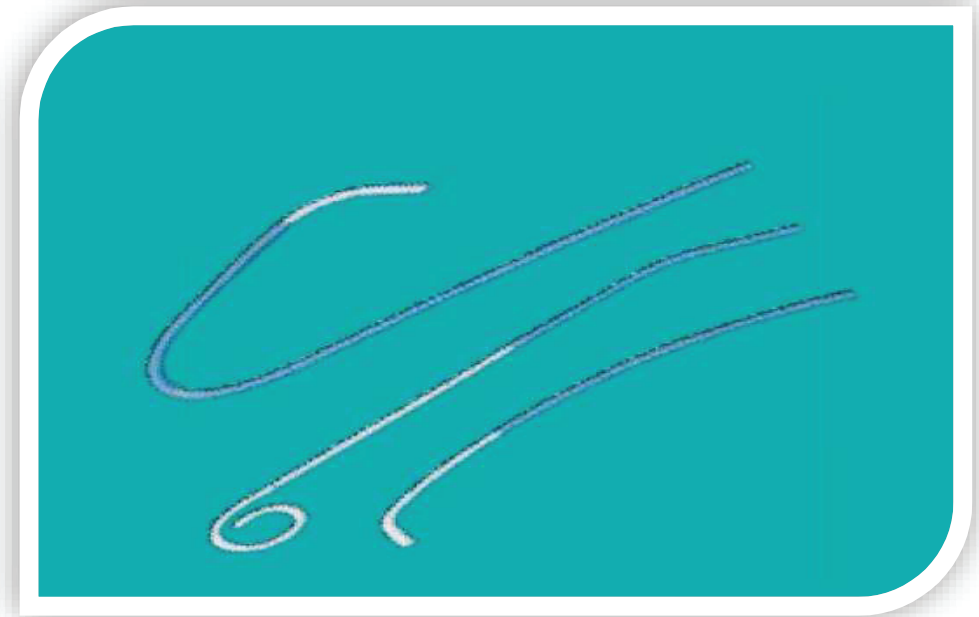
**ZP-PTCA-01**

**Zplus**  
**DIAGNOSTIC**  
**CATHETER**

**Zplus Angiographic catheter is a braided plastic tube which functions as a medium of contrast , fluids and pressure measurement during cardiac catheterization of coronary arteries and left ventricle.**

**Key features:**

- **Soft non-traumatic tips.**
- **Steel wire braided bodies.**
- **High levels of torque ability.**



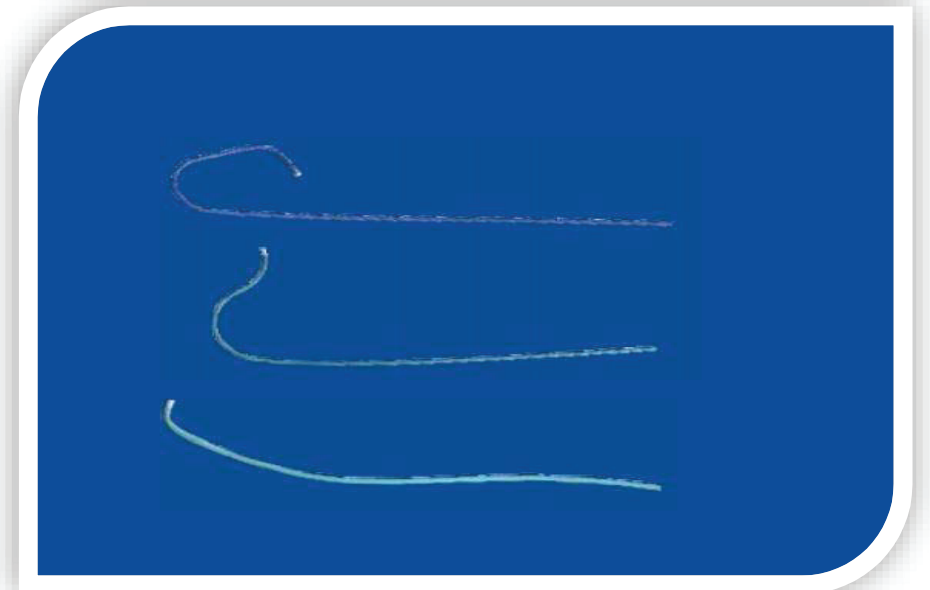
**ZP-DAC-02**

**Zplus**  
GUIDING  
CATHETER

The **Zplus Guiding Catheter** has a large non-tapered lumen that allows contrast medium injection and pressure monitoring and facilitates the intra vascular passage of interventional devices.

**KEY FEATURES:**

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



ZP-GC-03

**Zplus**  
**INFLATION**  
**DEVICE**

**Zplus ID** is an ergonomically designed device to ensure accurate inflation of Interventional devices. It features an angled analog gauge for better viewing of pressure readings and a luminescent dial for low-lit procedures.

**Key Features:**

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

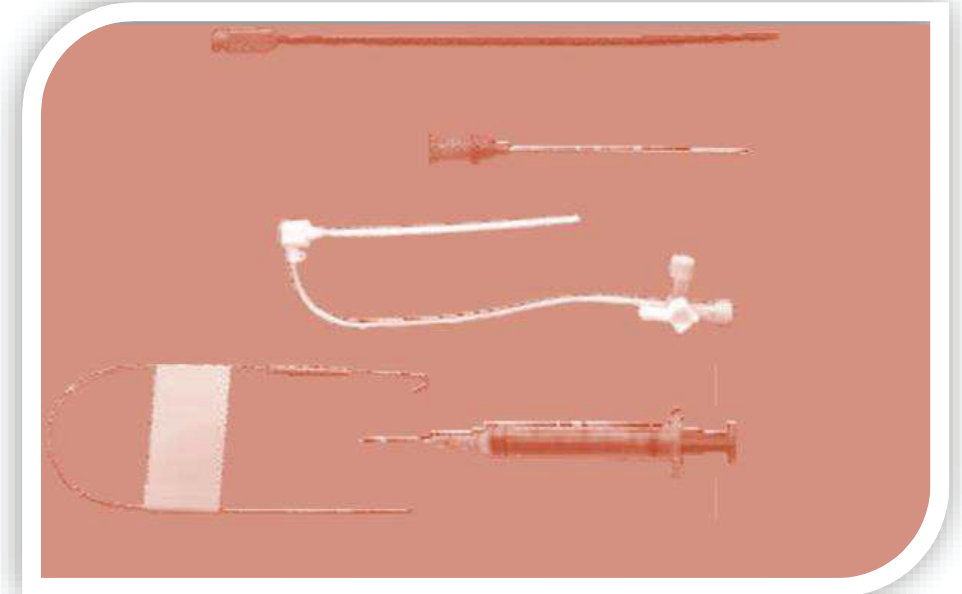


ZP-IID-04



## Zplus INTRODUCER SHEATH

**Zplus is a Kink- Resistive Introducer Sheath System**, which provides 60 degree sit-up comfort for patients with an obturator in place . This Sheath System has threaded dilator -to-hub interlock which prevents dilator back out during insertion , and secure attachment of the sterile sleeve . It comes with an advanced radio-frequency shaping technology creating a long , continuous smooth taper for minimum resistance during insertions . Zplus SHEATH has exceptionally large internal geometries that facilitates hemodynamic monitoring and fluid administration .



ZP-RIS-05

**Zplus**  
**RADIAL**  
**SHEATH**

**Zplus 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 1 pc radial sheath , 1pc dilator , 1pc 0.021in\*45cm guide wire, 1pc 21G\*4.5cm seldinger needle**



ZP-ROS-06

**Zplus**  
ASPIRATION  
CATHETER

The **ZplusAspiration Catheter** takes the control of the process in thrombus removal. It also features a small diameter that enhances crossing and contrast visibility.

**Key Features:**

- Extra Stiff also available
- 25cm Rapid Exchange Length
- 0.014” Guide Wire Compatibility
- 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



ZP-CAC-07

**Zplus Manifolds** are used to control the flow of the solution and allocate the fluid as a disposable device in PCI procedure. Well designed, excellent production process and rigorous selection of the raw material assure the quality of the products.

**Key Features:**

- Pressure endurance, no leakage under nominal pressure.
- Easy rotating handle, smooth rotating without stuck point.
- Good balance between pressure and rotating.
- Clear material for easy observing.
- Standard connection adaptor compatible to various devices.

**Zplus  
MANIFOLD**



ZP-CAM-08



## Zplus PTCA Y CONNECTOR

**Zplus 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 haemostatic valve and an integrated valve opener . It has Clean and safe procedure with a minimized backflow thus limiting blood loss.



ZP-PYC-09

## Zplus PTCA KIT

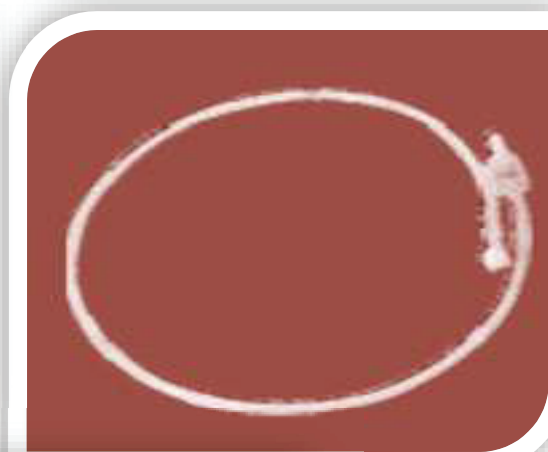
The Zplus PTCA Kit offers an effective and complete package of disposables for Angioplasty

### Kit Contents:

- Blunt Needle
- IV Set Vented
- Torque Devices
- Manifold 3 Port
- IV Set Non Vented
- Control Syringe
- High Pressure Tubing 50 Cm
- Hemostatic Y Connector Large
- Pressure Monitoring Line 50 & 100 Cm



ZP-PTC-10



ZP-PTC-11



ZP-PTC-12

## **Zplus** **ANGIO KIT**

**Zplus Angio kit 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.**

### **Kit Contents:**

- I.V. Set Vented
- Manifold 2 Port
- Introducer Needle 18G
- Pressure Monitoring Line 200 Cm
- Syringe 10 ml Luer Lock ( 2 Pcs )
- Syringe 5 ml Luer Lock ( 2 Pcs )



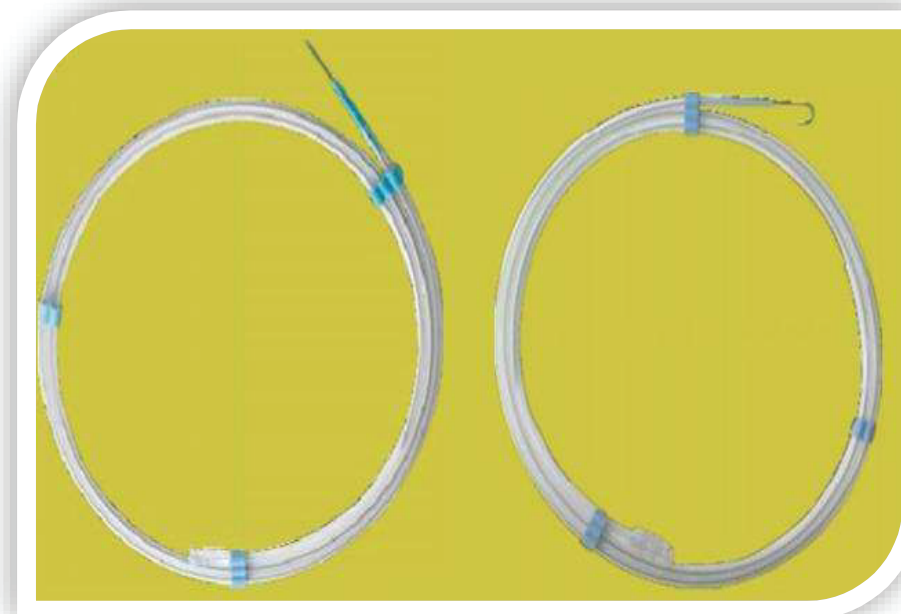
ZP-CAK-13



## Zplus ANGIOGRAPHY GUIDEWIRES

**Zplus Angiography Guidewire is used to guide catheter and lesion artery in angiography procedures**

- Lengths ranging from 150 to 260 cm
- Available in Straight & J-formed tip.
- Diameters varies from 0.018" til 0.038"
- PTFE-coated surface. Pre or Post Coated
- Shaft stiffness from standard to extra stiffness.
- 30 ATM gauge to facilitate high-pressure application
- Progressive resistance while Inflation gives pressure feedback.
- Device with large barrels to maximize vacuum for rapid and easy deflation.



ZP-CAG-14

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

**Zplus**  
**HYDROPHYLIC**  
**GUIDEWIRES**



ZP-HGW-15

**Zplus 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. It comes with a choice of either Male to Male or Male to Female (luer lock connectors.)**

**Zplus**  
**PRESSURE**  
**MINITORING**  
**LINE**



ZP-PML-16



## **Zplus** HIGH PRESSURE TUBING

**The Zplus high pressure line is used to inject contrast media and the other medical solutions during PTCA procedure and PCI 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.



ZP-HPT-17

## Zplus RA BAND

**Zplus 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

**CORONARY CONTROL SYRINGES**



ZP-RAB-18



## **Zplus** CORONARY CONTROL SYRINGES

**The Zplus Coronary** Conned for ease of use. The specially designed plunger tip and barrel allows 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 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.

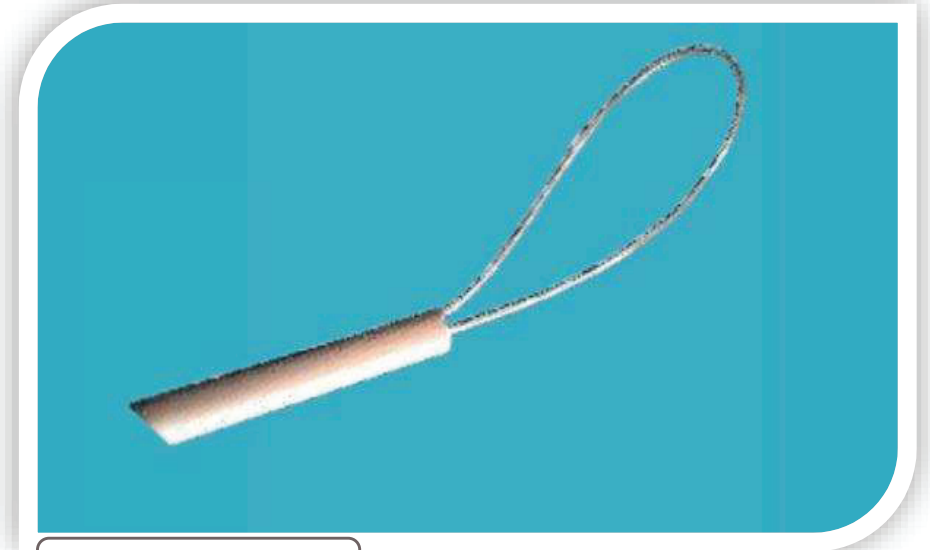


ZP-CCS-19



## Zplus VASCULAR SNARE

**Zplus Vascular Retrieval Snare is to assist and enhance clinical outcome in interventional procedures. Snare loop with 90° to remains coaxial to the lumen to manipulate foreign objects in the cardiovascular system or hollow viscous.**

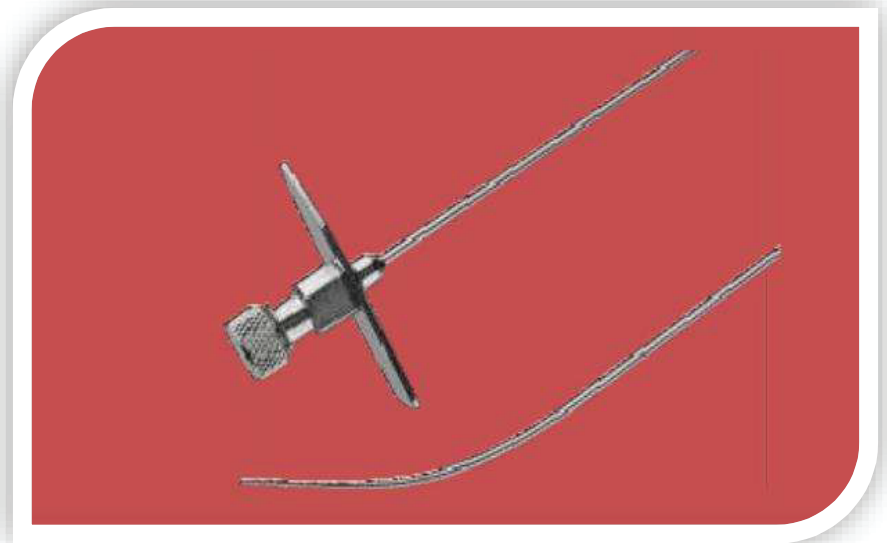


ZP-VRS-20

**Zplus**  
**TRANSSPETAL**  
**NEEDLE**

**The Zplus Transpetal Needle has comfortable grip due to its ergonomic handle. It is easy to manipulate and control during procedures because of tapered and ergonomic tip.**

- Tapered Tip Design
- Made of Stainless Steel,
- Ergonomic designed handle



ZP-CTN-21

**Zplus**  
**TRNSSPETAL**  
**NEEDLE**

The Zplus Introducer Needles have cutting edge design with very sharp cannula for low penetration force, which allow easier and more secure insertion.

Zplus Introducer Needles are available in different sizes:

16GA, 18GAcm, 20GA, 21GA

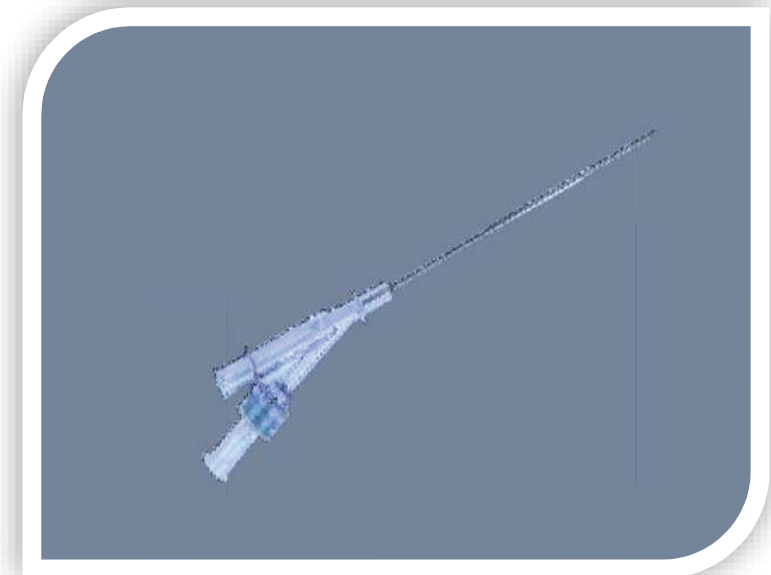


ZP-ITN-22



## Zplus Y- SHAPED INTRODUCER NEEDLE

**Zplus Y Shape Needle** is a new age technology in the field of Seldinger technique. Our 18G metal needle is equipped with a Y- shaped hub which has a side-port to accept a Seldinger guide wire. Once the needle reaches the vein, guidewire is threaded in through the side-port. This eliminates repeat vein puncture with a larger-bore needle as there is no need to remove the pilot needle.



ZP-YIN-23



## UAE

Atlantic World  
Al Khaimah,UAE  
Call: +971 52 540 1488  
Address:Atlantic World FZC,Rakez,  
Ras Al Khaimah-UAE.

## INDIA

Atlantic World  
New Delhi, India  
Call : +91 6388 936 704  
Address : D-130,Jaima Nagar. NEW DELHI-INDIA.

## EGYPT

Atlantic World  
Cairo, Egypt  
Address : Office-545,Rehab City,New Cairo.  
EGYPT.



## TURKEY

Atlantic World  
Istanbul, Turkey  
Call : +905052713995  
Address : Office-27,3443,Beyoglu/Istanbul,  
TURKEY.

## NIGERIA

Atlantic World & Global Investment Nigeria  
Limited-ABUJA-NIGERIA  
Call : +2349093221961  
Address : MF-78,Top Hill,Abuja, F.C.T.  
NIGERIA.

 [info@atlantic-world.com](mailto:info@atlantic-world.com)

 [www.atlantic-world.com](http://www.atlantic-world.com)