

P-U CelSite Port™ MS

More safe, More reliable
for implantable port and catheter

Port *Corresponding dimensions	Type	Bottom length: A*	Bottom width: B*	Height from septum to bottom: C*	Weight ³	Septum diameter ³	Port lifespan (number of punctures) ⁴
	Baby	22 mm	18 mm	8.7 mm	2.5 g	7.6 mm	1500 punctures
	Small	26 mm	22 mm	9.7 mm	5 g	9.5 mm	3000 punctures
	Large	31.5 mm	26.5 mm	12.2 mm	8 g	12.5 mm	3000 punctures

Maximum injection pressure when connected to port catheter⁴ 2.1 MPa(300psi)

Catalog No.	Main uses	Port type	Catheter		Guide wire
			Fr. size	Effective length	
PBV5070 M4P	Forearm/upper arm placement	Baby	5Fr.	70 cm	150 cm resin coated type
PSV5070 M4P	Upper arm placement	Small	5Fr.		
PSV5040 M2M	Subclavian/internal jugular placement	Small	5Fr.	40 cm	80 cm metal type
PSV6040 M2M		Small	6Fr.		
PLV5040 M2M		Large	5Fr.		
PLV6040 M2M		Large	6Fr.		

3) Product reference value

4) The port, catheter, and their connecting parts are not damaged when a catheter is connected to a port that has been repeatedly punctured with a 19G non-coring needle and high pressure injection (300psi) is conducted

● Refer to the package insert before use.

Specially controlled medical device
Approval No. 20900BZZ00772000
Brand name: P-U Cell Site Port

■ Manufacturer and Distributor

Toray Industries, Inc.

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Toray Medical Co., Ltd.

Safer. With greater accuracy.

Minimally invasive Sheathless

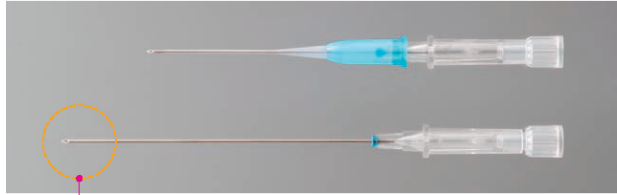
Catheter insertion

Vascular punctures with smaller diameters



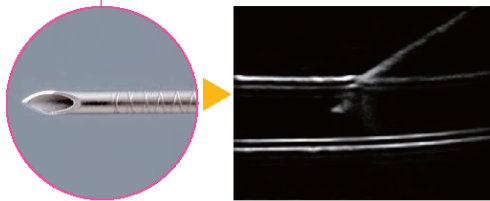
Puncture needle size

- Supports safer and more accurate vascular punctures by reducing the diameter of the puncture needle.



Cannula puncture needle (22G x 42 mm)

Metal needle (21G x 76 mm)*
*For subclavian/internal jugular placement only



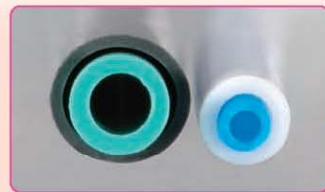
- The tip of the metal needle is knurled to enhance the safety of ultrasound-guided vascular punctures.

Catheter insertion with no sheath



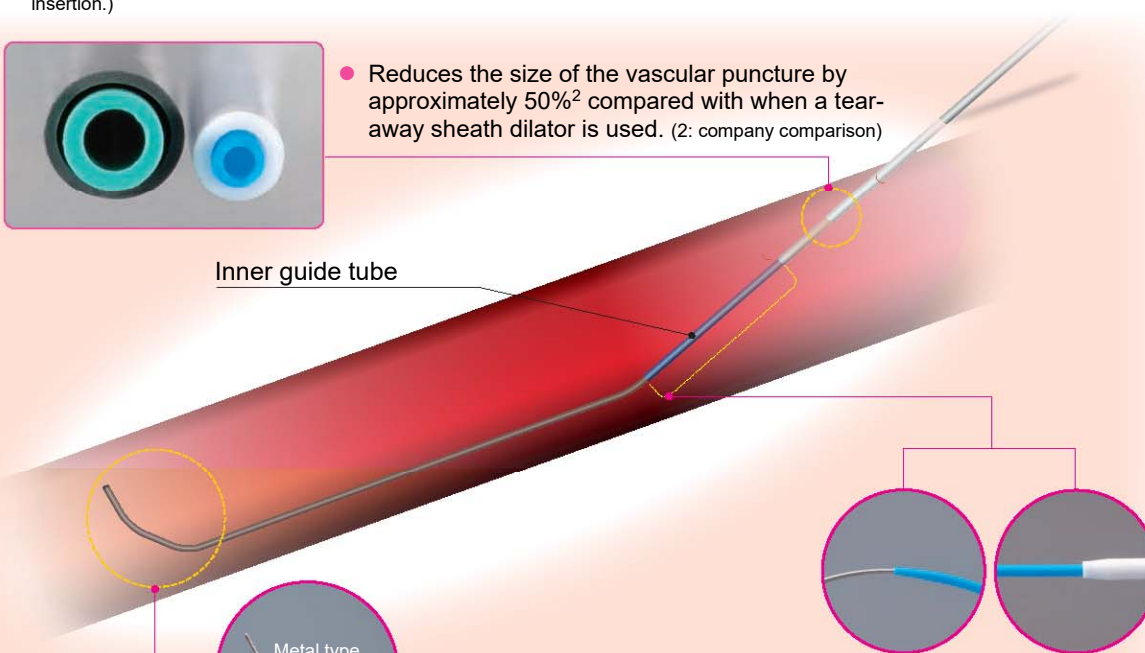
Catheter manipulation

- Use of a special inner guide tube enables catheter insertion without the use of a sheath¹
(1: A procedure is used to expand the insertion site using the attached dilator prior to catheter insertion.)

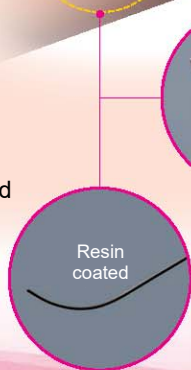


- Reduces the size of the vascular puncture by approximately 50%² compared with when a tear-away sheath dilator is used. (2: company comparison)

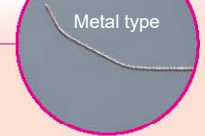
Inner guide tube



- Two types of guide wires (metal, resin coated) can be selected depending on the approach used.



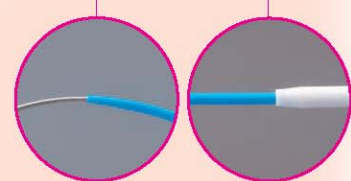
Resin coated



Metal type

- A coating agent is applied to the polyurethane surface to enhance lubrication.
- A gold tip is placed on the tip to enhance visibility under fluoroscopy.

- The tip has a double angle, supporting smooth entry to the blood vessel.



- The tip of the inner guide tube and catheter is tapered to reduce insertion resistance.

Port



Port type

- Three types, large, small, and baby are available for selection depending on the placement site and patient's physique.
- As epoxy resin is used for the outer shell and titanium for the inner shell (tank), the structure facilitates the detection of arrival at the bottom of the tank, and is less susceptible to damage.



Actual size



MR compatibility

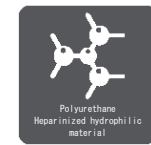
- Compatible with MRIs (1.5T / 3.0T)

Catheter



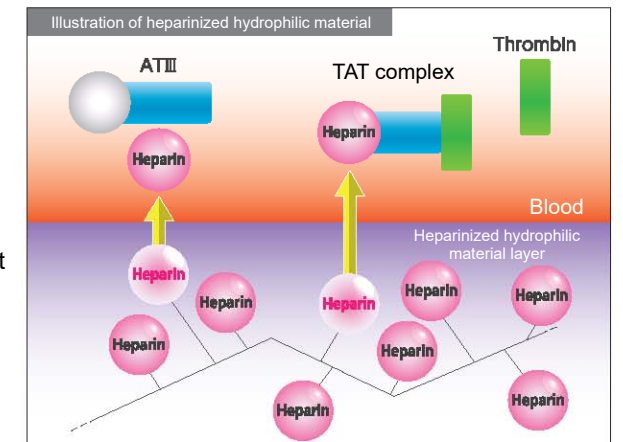
Catheter outer diameter

- The product is an open-ended type made of polyurethane, and it is available in two diameters, outer diameter of 5Fr. or 6Fr.



Catheter material

- The entire length of the outer surface of the catheter and tip of the inner surface is coated in Anthrone®, a heparinized hydrophilic material that has antithrombotic properties.



Catheter tip

- While maintaining fatigue resistance, which is a feature of the existing product, visibility under fluoroscopy is now enhanced by treating the tip with a process with a higher contrast medium content.

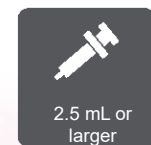


System



System pressure resistance

- The maximum injection pressure when the port and catheter are connected (system) is 300 psi, and this product can also be used for the high-pressure injection of drug solutions such as for CT imaging within the port lifespan or number of punctures tolerated.



Usable syringes

- The system can be flushed and drug solution can be injected using a 2.5 mL syringe

