

VASCULAR ACCESS

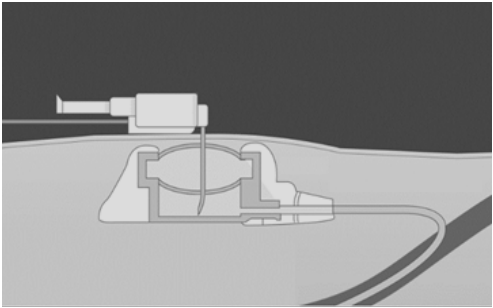
IMPLANTABLE PORT
polysite®



Value Life

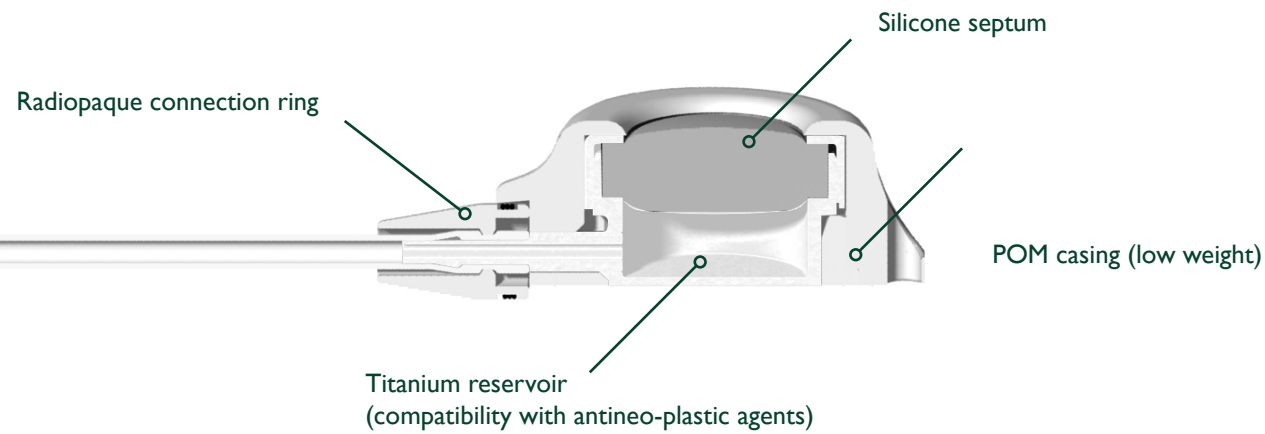
OUR IMPLANTABLE PORTS

All polysite® implantable ports consist of a reservoir and a catheter (polyurethane or silicone) with centimetric marking, joined together and held by a connecting ring. All these elements are radiopaque. They are supplied pre-connected or not. polysite® implantable ports are compatible with CT and MRI procedures ⁽¹⁾.



polysite® RANGE HYBRID PORT: TITANIUM AND POM⁽²⁾

PORT FEATURES



- **Titanium-POM combination:**
 - Lighter than full titanium port
 - Titanium reservoir resistant to Huber needle puncture
- **Profile-shaped design:**
 - Smooth angles for a less traumatic insertion beneath the skin
 - Small surgical pocket for a discreet scar
- Pressure injectable up to 5mL/s at 325 psi maximum
- ORX connecting ring
- Large septum area ⁽³⁾

CT COMPATIBLE
AND MR
CONDITIONAL⁽¹⁾

UNIQUE RX
MARKING



DIFFERENT PORT SIZES

Available in 3 different sizes to comply with patient anatomy:

Micro	
Septum	7.8 mm
Base	22.0x17.0
Weight	2.9g
Height	8.7mm

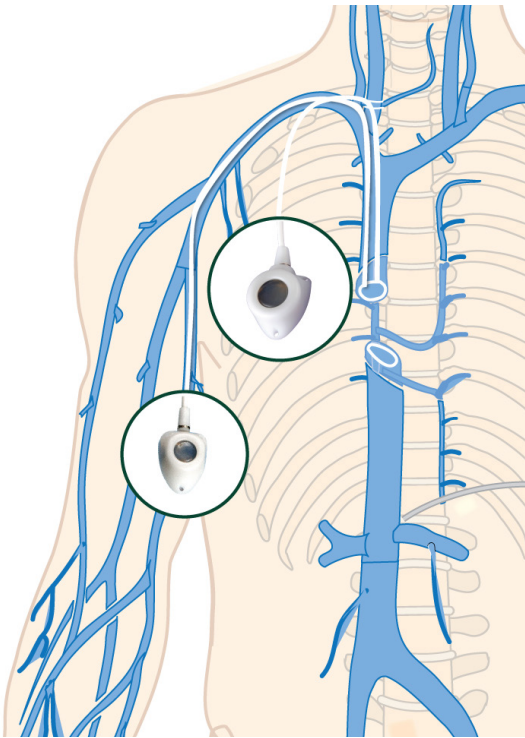
Mini	
Septum	10.5 mm
Base	25.8x20.9
Weight	5g
Height	10.1mm

Standard	
Septum	12.1 mm
Base	30.8x22.6
Weight	7.6g
Height	12.2mm



VERSATILITY

- 3 port sizes from paediatrics to adult patients
- Wide choice of silicone and polyurethane catheters, pre-connected or not
- From 5Fr to 10Fr
- From 60cm to 80cm length for chest or arm insertion (PICC-Port)



CATHETER IN POLYURETHANE OR SILICONE

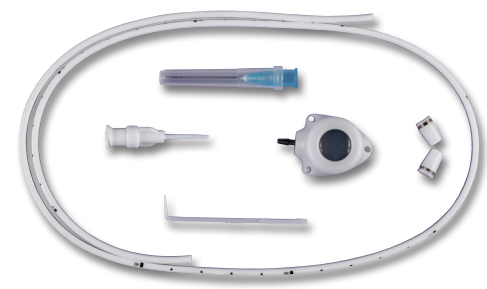
- Compatible with contrast media power injection ⁽¹⁾
- Marked every centimeter (graduation every cm with a numbered marking every 5cm from 5 to 40cm)



SETS COMPOSITION

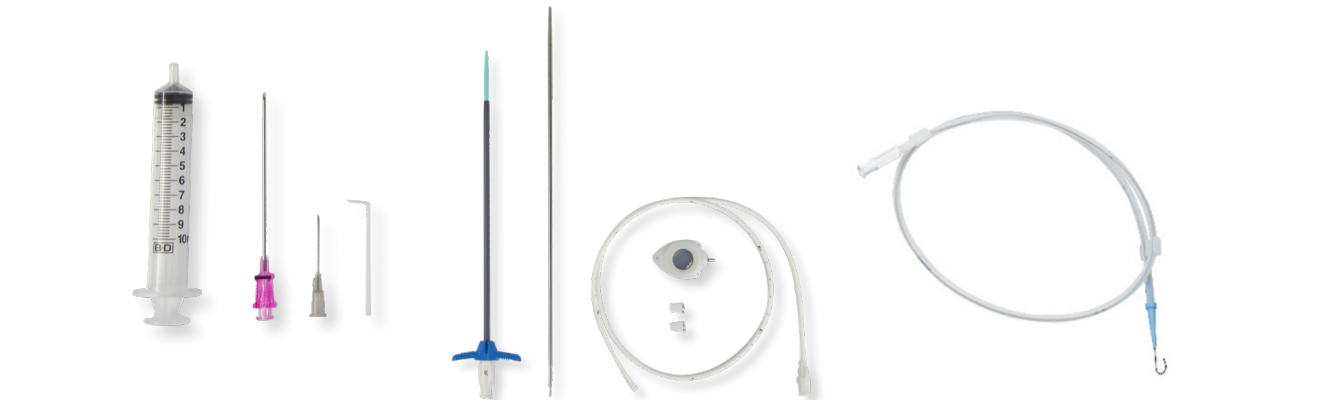
All kits contain in addition to the accessories: one implantable port, one catheter and two connection rings (only one for pre-connected references).

• polysite® – surgical insertion technique:



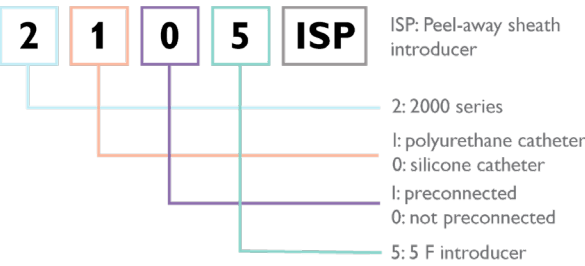
References	2015, 3007, 3017, 3008, 4017, 4008, 4018, 40010
Accessories	Features
Straight Huber needle	22G
Vein pick	x
Flushing connector preconnected to the catheter (only for non preconnected references)	x

• polysite® ISP – percutaneous insertion technique:



References	2005ISP	2015ISP, 2016ISP, 2007ISP, 3007ISP, 3107ISP, 3017ISP, 3117ISP, 3008ISP, 3108ISP, 4017ISP, 4008ISP, 4108ISP, 4018ISP, 40010ISP	4019ISP
Accessories	Features		
Straight Huber needle	22G	22G	22G
Vein pick	x	x	x
Flushing connector (preconnected to the catheter only for non preconnected references)	x	x	-
Peelable introducer	10cm	14cm	14cm
J guidewire marked every 10cm	0.018" / 40cm	0.035" / 60cm	0.035" / 60cm
Puncture needle	20G / 38mm	18G / 70mm	18G / 70mm
Tunneling device	Ø2mm / 18cm	Ø2.5mm / 23cm	Ø2.5mm / 23cm
Syringe	x	x	x

Decode our references:



• polysite® echo – percutaneous + US guided venipuncture insertion technique:

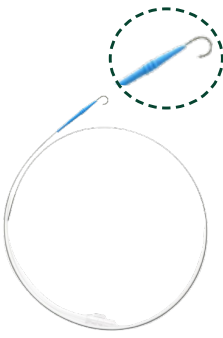


References	2005ECHO	2016ECHO, 2007ECHO, 3007ECHO, 3107ECHO, 3017ECHO, 3008ECHO, 3108ECHO, 4017ECHO, 4008ECHO, 4108ECHO, 4019ECHO
Accessories	Features	
Straight Huber needle	22G	22G
Vein pick	x	x
Flushing connector (preconnected to the catheter only for non preconnected references)	x	x
Peelable introducer	10cm	14cm
J guidewire marked every 10cm	0.018" / 40cm	0.035" / 60cm
Puncture needle	20G / 38mm	18G / 70mm
Tunneling device	Ø2mm / 18cm	Ø2.5mm / 23cm
Syringe	x	x
Raulerson device	x	x
Set dedicated to ultrasound guided venipuncture (sterile dressing, latex free protective sheath for ultrasound system probe, 2 sterile elastics, sterile gel)	x	x

ACCESSORIES CHARACTERISTICS



Straight Huber Needle
to prime the port



Stainless steel Guidewire
marked every 10cm
(with thumbfeed advancer
– in ECHO sets)



Puncture Needle
Sharp Echogenic Tip in *ECHO* sets

- (20G, 3.8cm)
for 5Fr catheters only
- (18G, 7cm)
for other references



Raulerson device
to avoid air embolism

Only in *ECHO* sets

- Avoid syringe connection and disconnection with the needle
- Easy blood flash back verification



Peelable introducer
with smooth transition between the dilator and the peelable introducer



Tunneler
to perform the catheter tunnelisation

FEATURES

polysite® Series	Product codes	Port dead space	Catheter material	Catheter size (French) (Internal Ø x Outside Ø)	Catheter Length	Catheter dead space / 10cm
2000 MICRO Series	2005ISP, 2005ECHO	0.2mL	Silicone	5F (0,65x1,65mm)	60cm	0.04mL
	2015, 2015ISP	0.1mL	Polyurethane	5F (1,05x1,65mm)	60cm	0.10mL
	2016ISP, 2016ECHO	0.1mL	Polyurethane	6F (1,30x2,00mm)	80cm	0.15mL
	2007ISP, 2007ECHO	0.2mL	Silicone	7F (1,02x2,16mm)	80cm	0.09mL
3000 MINI Series	3007, 3007ISP, 3107ISP, 3007ECHO, 3107ECHO	0.3mL	Silicone	7F (1,02x2,16mm)	60cm	0.09mL
	3017, 3017ISP, 3117ISP, 3017ECHO	0.4mL	Polyurethane	7F (1,45x2,30mm)	60cm	0.18mL
	3008, 3008ISP, 3108ISP, 3008ECHO, 3108ECHO	0.4mL	Silicone	8F (1,20x2,40mm)	60cm	0.13mL
4000 STANDARD Series	4017, 4017ISP, 4017ECHO	0.6mL	Polyurethane	7F (1,45x2,30mm)	60cm	0.18mL
	4008, 4008ISP, 4108ISP, 4008ECHO, 4108ECHO	0.6mL	Silicone	8F (1,20x2,40mm)	60cm	0.13mL
	4018, 4018ISP	0.6mL	Polyurethane	8F (1,70x2,65mm)	60cm	0.24ml
	4019ISP, 4019ECHO	0.5mL	Polyurethane	9F (1,90x3,00mm)	60cm	0.30mL
	40010, 40010ISP	0.6mL	Silicone	10F (1,57x3,18mm)	60cm	0.22mL

COMPATIBILITY WITH CONTRAST MEDIA INJECTION

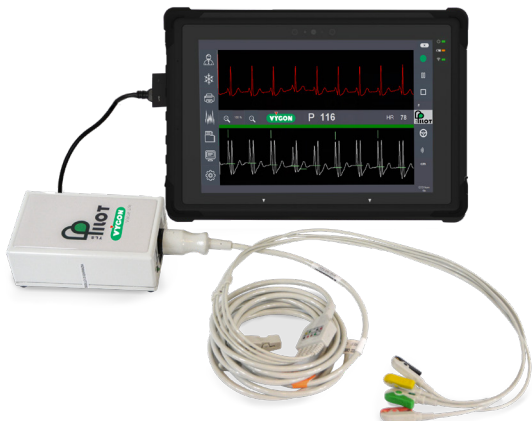
Vygon ports are compatible with the injection of contrast media, if performed according to the following conditions:

Maximum flow rates to inject contrast media

poly ^{site} ® Series	References	Maximum recommended flow rate (mL/s) with 25cm catheter	Maximum recommended pressure (CT scan function)	Viscosity (cP) / maximum recommended Iodine concentration (mgI/mL) in contrast media	Recommended diameter of angled needle (Gauge)
2000 MICRO Series	2005ISP, 2005ECHO	1	325 psi or 22.4 bar	6cP or 300mgI/mL	20G or 22G
	2015, 2015ISP	2			
	2016ISP, 2016ECHO	3			
	2007ISP, 2007ECHO				
3000 MINI Series	3007, 3007ISP, 3107ISP, 3007ECHO, 3107ECHO			10cP i.e. 350mgI/mL (e.g.: Xenetix™ 350, pre-warmed to 37°C) ⁽⁴⁾	19G or 20G
	3017, 3017ISP, 3117ISP, 3017ECHO				
	3008, 3008ISP, 3108ISP, 3008ECHO, 3108ECHO				
4000 STANDARD Series	4017, 4017ISP, 4017ECHO	5			
	4008, 4008ISP, 4108ISP, 4008ECHO, 4108ECHO				
	4018, 4018ISP				
	4019ISP, 4019ECHO				
	40010, 40010ISP				

OUR COMPLETE SOLUTION FOR YOUR PORT INSERTION PROCEDURES AND PORT ACCESS

Equipment for the insertion:



pilot TLS^A
Tip Location System (ECG)

+ vygocard^B
Saline connector



vysion Andy^C
Wireless probe



vysion UlitePro^D
Ultraportable US



- ^(A) **Medwin,**
9, allée de la Vigne Grande,
34600 Les Aires, FRANCE
- ^(B) **Vygon GmbH & Co. KG,**
Prager Ring 100
D-52070 Aachen, GERMANY
- ^(C) **Wuhan Youkey Bio-Medical Electronics Co., Ltd.**
2nd Floor, Dingxin Industry Park, Jiayuan Road EastLake Development Zone, 430074 Wuhan, Hubei, CHINA
- ^(D) **Sonoscanner,**
6 rue André Voguet,
94200 Ivry Sur Seine, FRANCE

Huber needles range for port access:

MANUAL POSITIVE PRESSURE

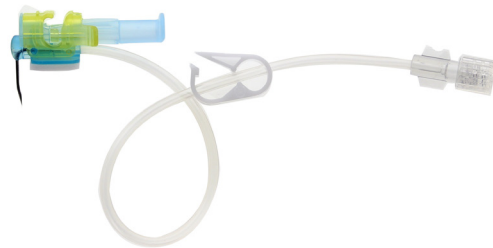


PPS^E

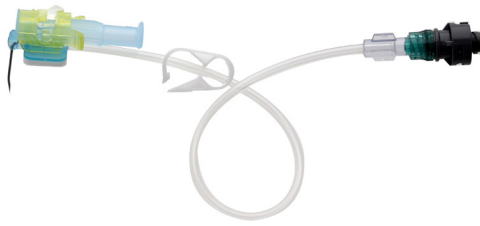


PPS^E CT^E
CT compatible withstand up to 5cc/s (325psi)

AUTOMATIC POSITIVE PRESSURE



PPS^E flow +^E



qimoflow +^E
With qimo ♀ CSSA



- ^(E) **Perouse Medical,**
Route du Manoir,
60173 Ivry Le Temple, FRANCE

REFERENCES

- (1) See polysite[®] IFU
- (2) Polyoxymethylene
- (3) See the technical file
- (4) Xenetix[®] is a Guerbet Laboratories registered brand name

polysite[®] is a Class III sterile medical device manufactured by Perouse Medical in compliance with directive 93/42/CEE. Certification established by GMED notified body no. 0459.

Read the instructions for use carefully.

FOR FURTHER INFORMATION, PLEASE CONTACT: **questions@vygon.com**

The specification shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature.

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