PHS MEDICAL®

The port reservoirs without compromise

NuPort®-LP-CT

Implantable, venous, CECT compatible Port Catheter Systems

VO (EU) 2017/745 MDR CERTIFIED

PHS Medical GmbH
Ederweg 3
34277 Fuldabrück . Germany
Tel. +49 561 998597-0 . Fax -199
info@phs-medical.de
www.phs-medical.com

NuPort®-LP-CT

Implantable, venous, CECT compatible
Port Catheter Systems

ISO 13485
Certified Quality System
CE 0483

The most effective solution for long-term vascular access from specialists. In order to achieve optimal flushing and flow characteristics we have intensively studied fluid mechanics in the development of the Nu-Flow chamber. The result is an optimized port chamber geometry, which creates turbine-like flow dynamics.
This compact, cosmetically inconspicuous port is especially suitable for cachectic or small patients and while incorporating all the advantages of the NuPort® family.
The transparent septum also makes it possible to view the chamber during implantation in order to verify the venting and flushing of the port. The tissue-compatible titanium is CECT and MRI compatible.

Port chamber
The elliptical chamber, in combination with the tangential outlet, improves flow dynamics and reduces the risk of premature occlusion.

Connection
The connection mechanism enables, via audible and tactile feedback, a secure connection of the catheter to the port base. These two detection functions ensure a safe connection is guaranteed.

The benefits at a glance

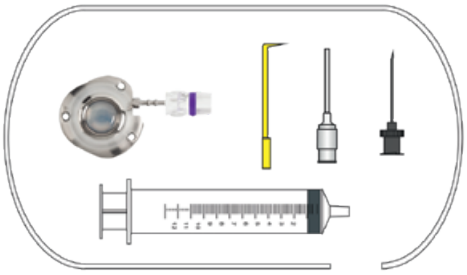
- suitable for power injection (CECT compatible)
- optimized for cachectic and small patients
- greatly reduced risk of occlusion and infection
- significantly improved flushing efficiency
- minimal maintenance required
- facilitates blunt preparation of the port pocket
- MRI compatible up to 3 Tesla
- a variety of catheter types

Plus simplified

- blood product administration & blood collection
- parenteral nutrition
- high viscosity medications

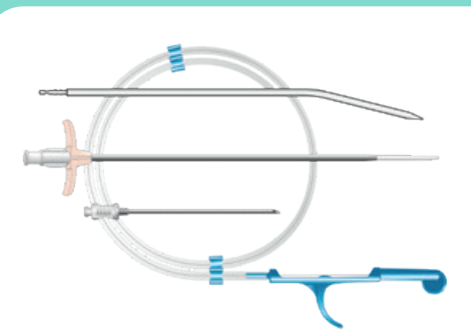
NuPort®-LP-CT Basic System
"Low-Profile/Armport"
Single lumen, venous system for implantation via "cut-down" technique.

Content:
NuPort®-LP-CT, Catheter, Catheter lock, Huber needle, Blunt tip needle (flushing), Vein lifter (pick), 10 ml syringe.



NuPort®-LP-CT Complete Set
"Low-Profile/Armport"
with percutaneous introducer set
Single lumen, venous system for implantation via percutaneous technique.

Content:
NuPort®-LP-CT, Basic system, Introducer needle Split-Sheath cannula with dilator, Guidewire with "Thumb-Feed" guide, Tunneler



Technical Data:

Material, volume, weight

Port	Titanium	**Volume**	~ 0.3 ml
Septum	Silicone	**Weight**	8.0 g

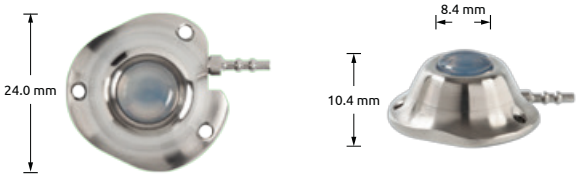
All catheters with rounded tip and length markings in 1 cm intervals, radiopaque.

Flow rate and pressure in CECT application

Needle size	20 Ga	20 Ga	22 Ga
Catheter size	6.6 F 7.5 F 8.0 F 9.0 F 9.6 F	5.0 F	5.0 F 6.6 F 7.5 F 8.0 F 9.0 F 9.6 F
Flow rate	5 ml/s	2 ml/s	2 ml/s
Maximum pressure	300 psi/20.6 bar		

The max. flow rate or the pressure setting specified above must not be exceeded during power injection via the NuPort®-LP-CT.

Dimensions



Ordering Information

Catheter	Size	O.D.	I.D.	Length	Ref. no. Basic System w/o Introducer Set	Ref. no. Complete Set incl. Introducer Set
Polyurethane	5.0 F	1.75 mm	1.05 mm	70 cm	LPA-005CP	LPA-005IP
Polyurethane	6.6 F	2.20 mm	1.28 mm	70 cm	LPA-066CP	LPA-066IP
Polyurethane	7.5 F	2.50 mm	1.15 mm	70 cm	LPA-075CP	LPA-075IP
Silastic® silicone	8.0 F	2.67 mm	1.40 mm	50 cm	LPA-008CS	LPA-008IS
Polyurethane	9.0 F	3.00 mm	1.60 mm	50 cm	LPA-009CP	LPA-009IP