The port reservoirs without compromise

NuPort®-CT

Implantable, venous, CECT compatible
Port Catheter Systems

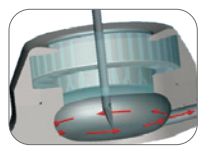VO (EU) 2017/745

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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.

The benefits at a glance

- suitable for power injection (CECT compatible)
- greatly reduced risk of occlusion and infection
- significantly improved flushing efficiency and 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

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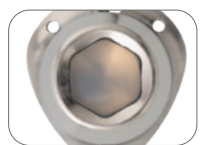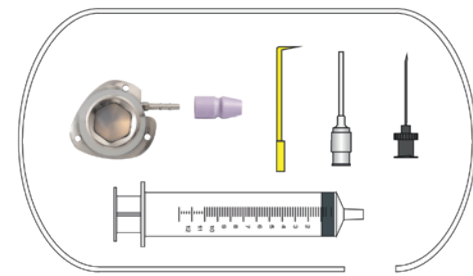

Detection
The NuPort®-CT is characterized by its special heart shape and the hexagonal septum opening. This is also clearly shown in the X-ray image. Furthermore, the heart shape supports the blunt preparation of the port pocket during implantation.

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.

Localization
The raised edge of the NuPort®-CT allows easy palpation of the port and the the septum for infusion or CT application.

NuPort®-CT Basic System
Single lumen, venous system for implantation via "cut-down" technique.

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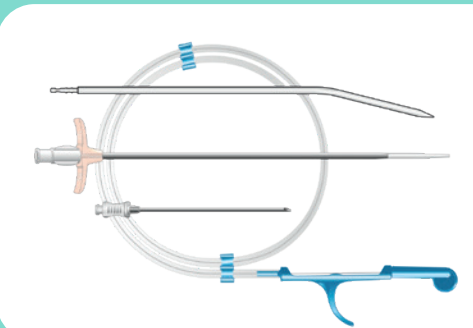

NuPort®-CT Complete Set
with percutaneous introducer set
Single lumen, venous system for implantation via percutaneous technique.

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

Technical Data:

Material, volume, weight

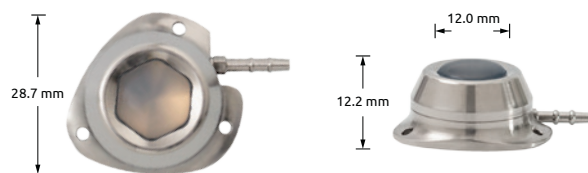| Port	Titanium	Volume	~ 0.5 ml
Septum	Silicone	Weight	12.2 g

All catheters with rounded tip and length markings in 1 cm intervals up to 30 cm, radiopaque.

Flow rate and pressure in CECT application

Needle size	19 Ga	20 Ga	22 Ga
Flow rate	5 ml/s	5 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®-CT.

Dimensions

28.7 mm

12.0 mm

12.2 mm

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	6.6 F	2.20 mm	1.20 mm	70 cm	CTP-066CP	CTP-066IP
Polyurethane	7.5 F	2.50 mm	1.15 mm	50 cm	CTP-075CP	CTP-075IP
Silastic® silicone	8.0 F	2.67 mm	1.40 mm	50 cm	CTP-008CS	CTP-008IS
Polyurethane	9.0 F	3.00 mm	1.60 mm	50 cm	CTP-009CP	CTP-009IP
Silastic® silicone	9.6 F	3.18 mm	1.58 mm	50 cm	CTP-096CS	CTP-096IS