



THE PORT RESERVOIRS WITHOUT COMPROMISE

PICC-NuPort®-CT

Implantable, venous, CECT compatible
Port Catheter Systems



PHS **MEDICAL**®

PART OF



NUMANTEC®
HUMAN INNOVATION TECHNOLOGY

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PICC-NuPort®-CT

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ISO 13485
Certified Quality System
CE 0483

The most effective solution for long-term vascular access for specialists.

This compact, discreet port is particularly suitable for percutaneous placement in the arm and combines all the advantages of the NuPort® family. It is especially suitable for breast cancer patients, as it avoids stress on the affected area (e.g., during radiation therapy). Furthermore, because it is placed in the arm, it is cosmetically inconspicuous, and scarring in the chest area is avoided.

For implantation using the Seldinger technique, the components have been specially adapted to the conditions in the arm to enable a minimally invasive procedure.

To achieve optimal flushing and flow characteristics, we focused intensively on fluid mechanics during the development of the Nu-Flow chamber. The result is an optimized geometry of the port chamber that generates turbine-like flow dynamics.

The transparent septum also allows for a clear view of the chamber during implantation to verify the venting and flushing of the port. The biocompatible titanium is CECT- and MRI-compatible.

The benefits at a glance

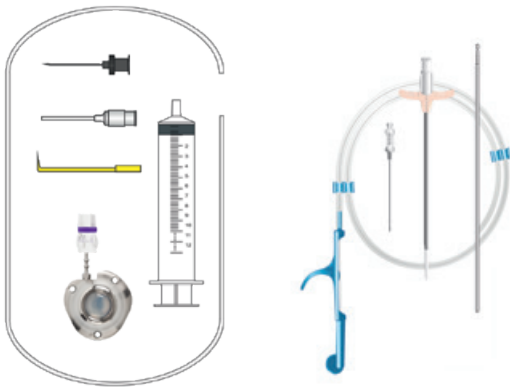
- suitable for power injection (CECT compatible)
- enables the implantation of a port if the placement of a conventional port in the chest area is not possible (e.g. in the case of radiation)
- greatly reduced risk of occlusion and infection
- significantly improved flushing efficiency
- minimal maintenance required
- facilitates blunt preparation of the port pocket
- MRI compatible up to 3 Tesla

Plus simplified

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

PICC-NuPort®-CT Complete Set with percutaneous introducer set (Micropuncture Set)

Single lumen, venous system for implantation via percutaneous technique.



Content:

- PICC-NuPort®-CT
- Catheter
- Catheter lock
- Huber cannula
- Blunt cannula
- Vein pick
- 10 ml Syringe
- Introducer cannula
- Split-Sheath with dilator
- Guidewire with dispenser and insertion aid
- Tunneler

Ref. no.	Catheter	Size	O.D.	I.D.	Length
LPP-005IP	Polyurethane	5.0 F	1.75 mm	1.05 mm	70 cm
LPP-066IP	Polyurethane	6.6 F	2.20 mm	1.28 mm	70 cm

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.

Possible Needle Sizes

Standard Applications	20 G / 22 G
High Pressure Injections	only 22 G

Flow rate, needle size and pressure in CECT application

Needle size	only 22 G
Catheter size	5.0 F / 6.6 F
Flow rate	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 PICC-NuPort®-CT.



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.

Dimensions

