The Nit-Occlud® PFO occluder is a new generation of occlusion systems, leading to optimal performance and effective closure.

Nit-Occlud® PFO is a double-umbrella occluder with dacron membranes in a unique design: The occluder is knitted from a single Nitinol wire. Therefore, it has a low profile and no protruding clamps.

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**Nit-Occlud® PFO** is knitted from a single Nitinol wire, making protruding fixation-clamps obsolete. Nit-Occlud® PFO’s unique single-layer distal disc, reduces the metal used in the left-atrium (LA) by 50%, decreasing the thrombo-embolic risk.

### Benefits

**Patented single-wire knit**
Due to the single-wire design, there is no need for protruding clamps which are usually used. This results in a very low profile.

**Special design**
The occluder consists of a double-layer right atrial disc and a single-layer left atrial disc. The thrombo-embolic risk is lowered by reducing the amount of Nitinol being used in the LA (50%).

**Accelerated endothelialisation**
A polyester membrane facing the LA promotes accelerated endothelialisation.

### Details

- Single-wire knit
- No need for protruding clamps to fixe loose wire ends
- Very low-profile
- Concave single-layer left atrial disc
- 50% reduction of metal in the left atrium
- Good adaption to the septal wall
- Soft and atraumatic rim
- LA polyester face accelerating endothelialisation
- Pre-mounted 9 F and 10 F systems
- Easy to reposition and to retrieve
- Simple to release
- Good radiopacity
- MR conditional

### Knowledge

PFO occluders of competitors are made from several wires, with the need to fix the loose ends with clamps.

Nit-Occlud® PFO however is knitted out of a single Nitinol wire, making these fixations obsolete.

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The distal part of Nit-Occlud® PFO is designed as a concave single-layer disc. This reduces the amount of metal by half in the left atrium, thus providing best patients benefit by reducing the thrombo-embolic risk.

The implant is connected to the pusher via retaining wires. A locking wire fixes this connection. To release the implant, the locking wire has to be pulled through the loop of the retaining wires.

Knowledge

Use

Portfolio

Nit-Occlud® PDA
PDA Occlusion Device (coil type)

Nit-Occlud® PFO
PFO Occlusion Device (umbrella type)

Nit-Occlud® Lê VSD
VSD Occlusion Device (coil type)

Multi-Snare*
Grasping device
## Nit-Occlud® PFO

Permanent implant for the closure of Persistent Foramen Ovale (PFO)

*Content: Implant, loader, delivery system*

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### Contact

Should you have any questions our Customer Service & Sales Support team is happy to advise you.

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