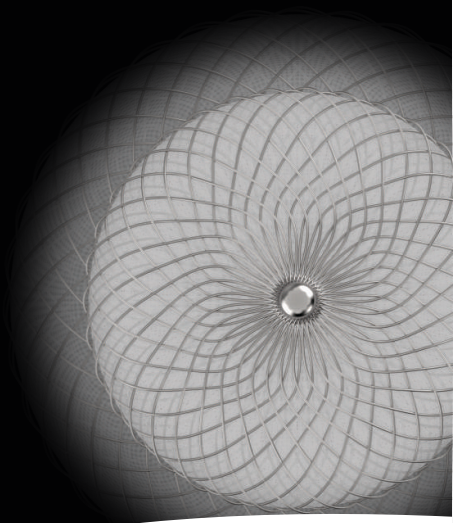
Cocoon

CE 1434

PFO Occluder

No Compromise



SMT | VASCULAR INNOVATIONS

Cocoon

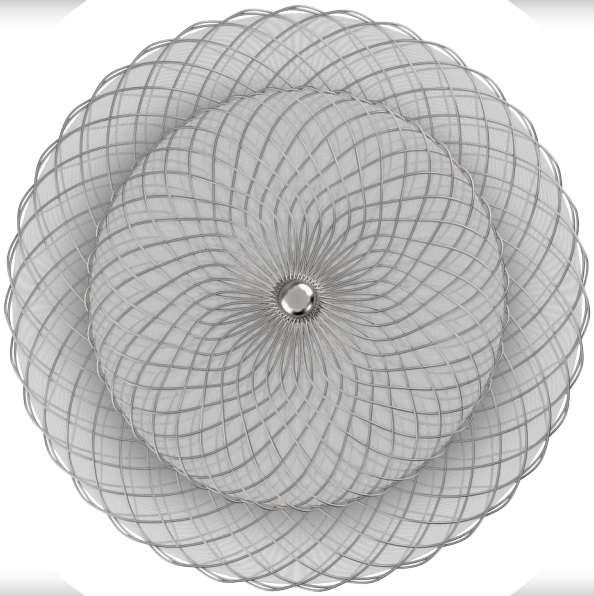
CE 1434

PFO Occluder

No Compromise

Extensive size matrix so that there is no compromise
6 SKUs

5 out of 6 occluders
are
8F sheath compatible



Softness to protect
2+ times softer at the rims

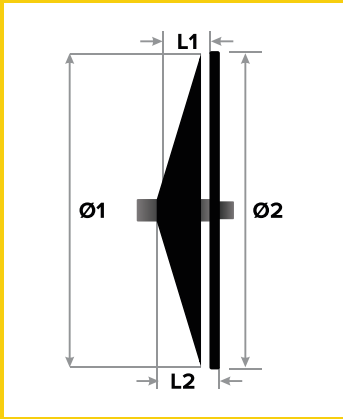
Designed to minimize nickel leaching
Platinum coating

PFO Occluder

No Compromise

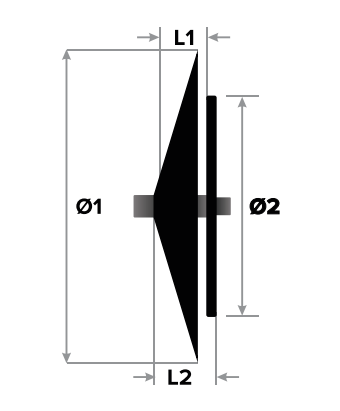
Device Description

- Self-expanding, self-centering double disc device with unique platinum coating
- Device is filled with polypropylene fabric to assist thrombogenicity
- Ability to recapture and redeploy#



CPF18, CPF2525, CPF30

Design:
Right atrial disc diameter (Ø1)
Left atrial disc diameter (Ø2)
Waist length (L1)
Total length (L2)



CPF25, CPF3025, CPF35

Technical specifications

Catalog number	Right atrial disc diameter (Ø1) (mm)	Left atrial disc diameter (Ø2) (mm)	Waist length (L1) (mm)	Total length (L2) (mm)	Sheath size (F)	Cable size (F)
CPF18	18	18	3	5	8	6
CPF25	25	18	3	5	8	6
CPF2525	25	25	3	5	8	6
CPF3025	30	25	3	5	8	6
CPF30	30	30	3	5	8	6
CPF35	35	25	3	5	9	6

Sizing recommendations

Distance from defect to aortic root or SVC** (consider shortest distance)	Suggested Cocoon PFO*** device size
Less than 9 mm	Do not implant
Between 9 and 12.4 mm	CPF18
Between 12.5 and 14.9 mm	CPF25
	CPF2525
Between 15 and 17.4 mm	CPF3025
	CPF30
More or equal to 17.5 mm	CPF35

Consider shortest distance from defect to aortic root or distance from defect to superior vena cava orifice (mm)

Usable length (cm)

	8F	9F
Sheath	78	78
Dilator	83	83
Loader	10	12

Delivery Cable

Catalog number	Profile	Length	Size
CDC6F	0.077”	117 cm	6F

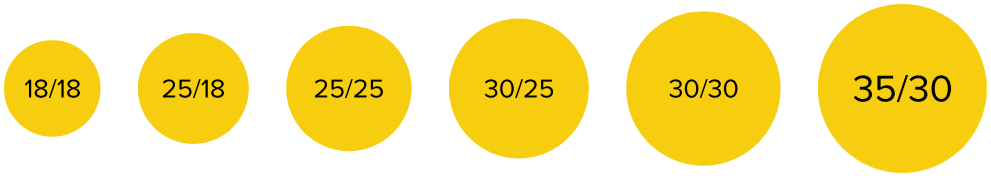
Cable screw

Plastic vise

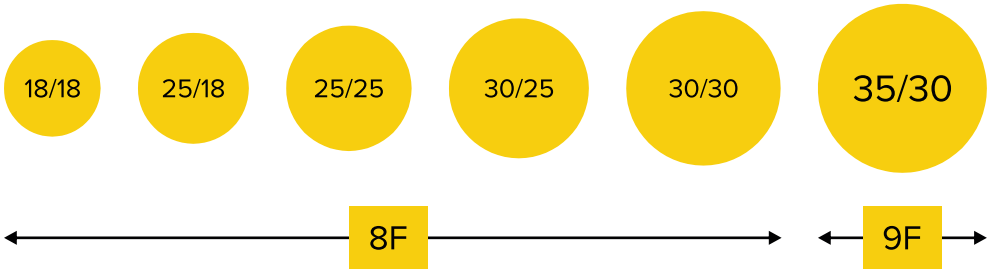
Cocoon

PFO Occluder
No Compromise

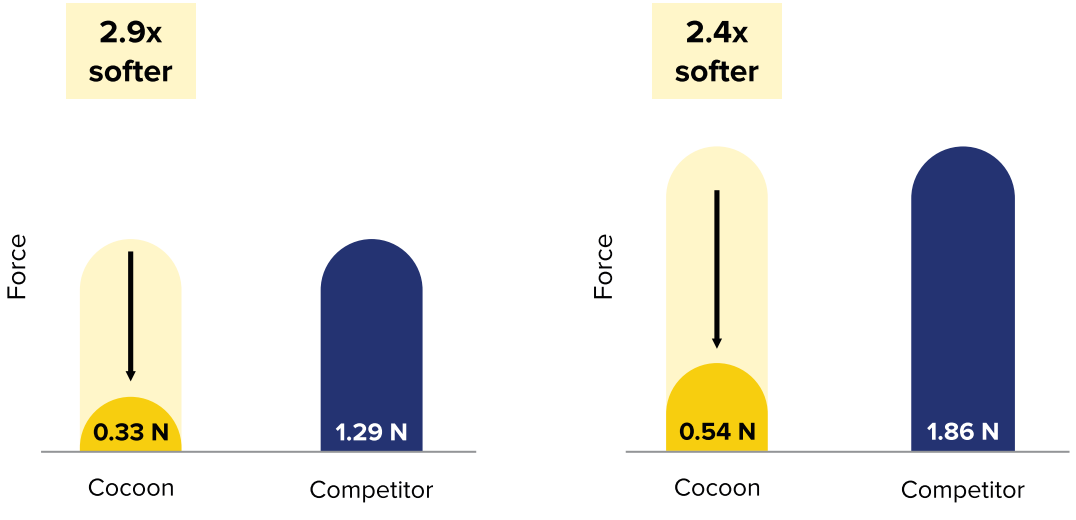
Extensive size matrix



5 out of 6 occluders are 8F compatible

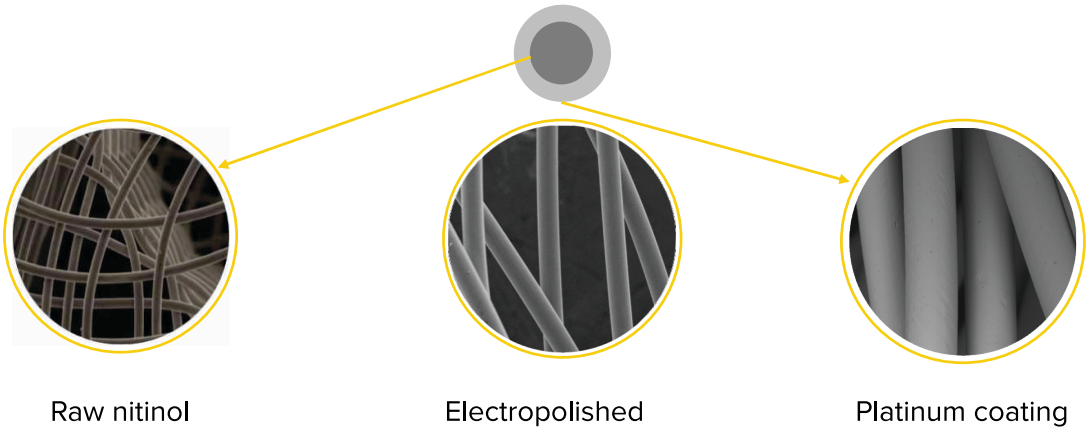


Softness to protect*
2+ times softer at the rims



Designed to minimize nickel leaching

- Ultrathin layer of **Platinum atoms** using **nanofusion technology** is coated on the Nitinol wire by a process called plasma deposition
- **Platinum** coating makes the Cocoon Occluders inert, biocompatible, non-corrosive and non-allergic and also enhances radiopacity



Raw nitinol | Electropolished | Platinum coating

Platinum coating makes Cocoon Occluders:

Biocompatible

Non-corrosive

Non-allergic

More radiopaque

Cocoon

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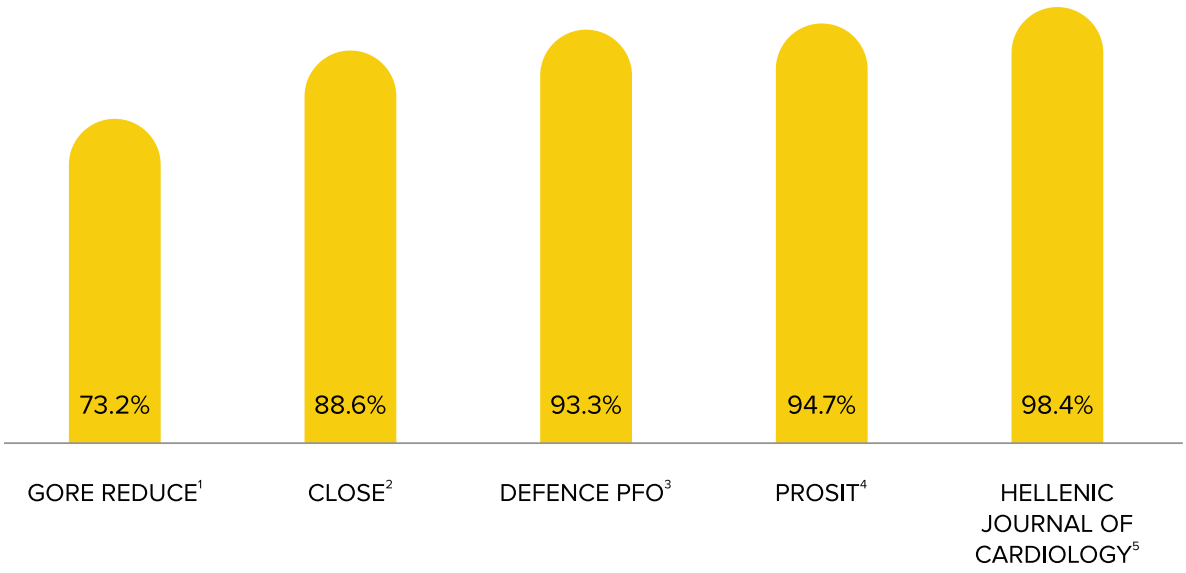
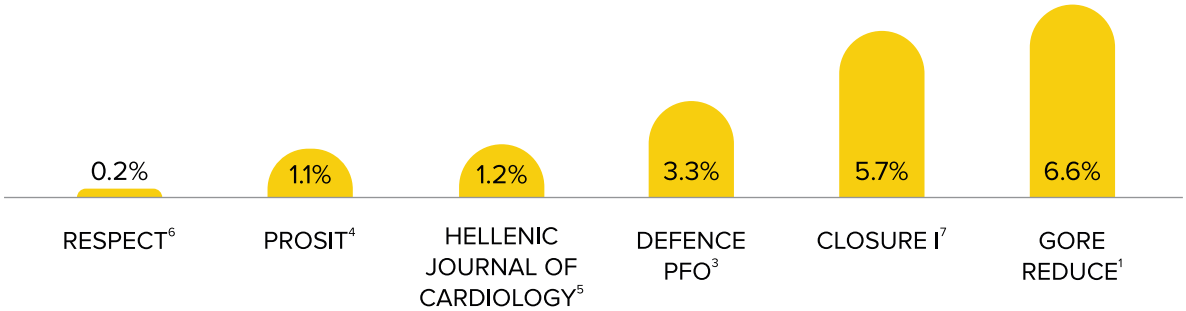
Clinical Data

Higher acute closure rates

Trial	Definition of no/residual shunt
GORE REDUCE[1]	0 microbubbles
CLOSE[2]	<10 microbubbles
DEFENCE PFO[3]	<10 microbubbles
PROSIT[4]	0 bubbles
HELLENIC JOURNAL OF CARDIOLOGY[5]	**0 microbubbles**



Low new onset atrial fibrillation



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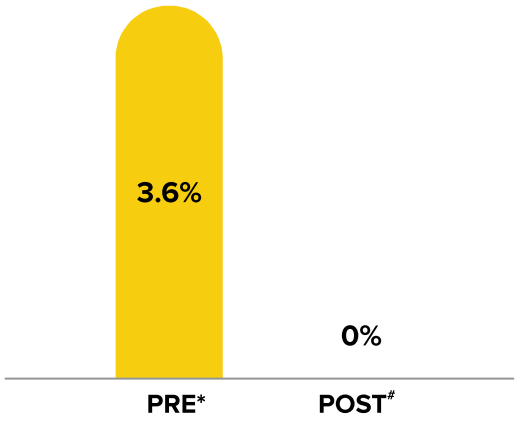
No Compromise

Cardiac or device-related thrombus

HELLENIC JOURNAL OF CARDIOLOGY[5]	PROSIT[4]	RESPECT[6]	CLOSURE I[7]

Real-world clinical experience[5]

Hellenic Journal of Cardiology
Impact Factor: 4.1 (2023)
DOI: 10.1016/j.hjc.2023.04.011



*Patients that had nickel allergy documented with the use of a TRUE skin patch test.
Nickel allergic reactions post procedure and at follow-up

"It should be noted that **no patient** in our study developed **nickel allergy** including those with **positive nickel allergy skin test**"

*Data on SMT file. R & D tests performed using 18/18 mm PFO Occluders for both devices. The test results are an average of the test performed three times.
**SVC : Superior Vena Cava
***PFO : Patent Foramen Ovale
#Recapture and redeployment is possible only if delivery cable is securely connected to the disc.

1. N Engl J Med. 2017 Sep 14;377(11):1033-42. 2. N Engl J Med. 2017 Sep 14;377(11):1011-21. 3. J Am Coll Cardiol. 2018 May 14;71(20):2335-42.
4. Front Cardiovasc Med. 2023 Jan 11;9:1064026. 5. Hellenic J Cardiol. 2024 Jan-Feb;75:21-25. 6. N Engl J Med. 2013 Mar 21;368(12):1092-100.
7. N Engl J Med. 2012 Mar 15;366(11):991-9.

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SMT