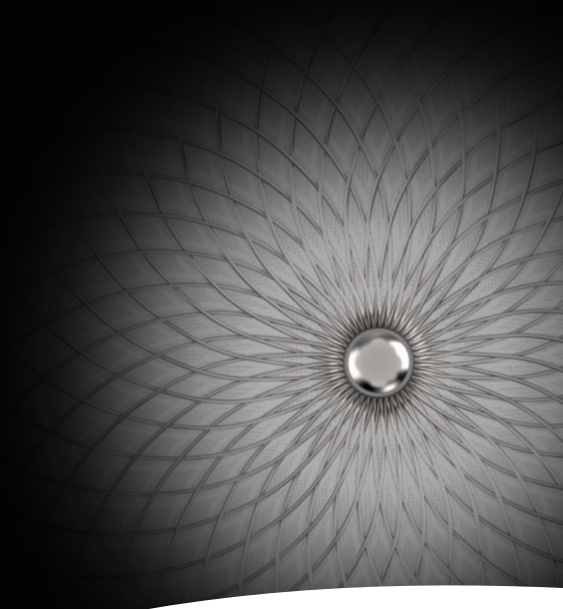




Septal Occluder

No CoMPROMISE





CE
1434

Septal Occluder

No COMPROMISE

**Optimal sealing
of defects**

**Flexibility
(disc level)**

**Designed to
minimize
nickel leaching**
Platinum
coating

**Softness to
protect**

**Conformability
(disc level)**



Technical specifications

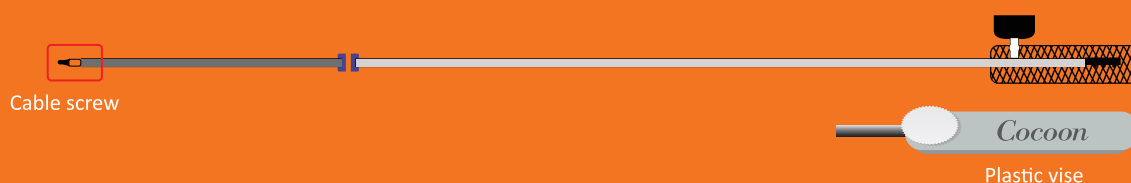
Product code	Device size Ø3 (mm)	Left atrial disc diameter Ø1 (mm)	Waist length L (mm)	Right atrial disc diameter Ø2 (mm)	Sheath (F)
COA08	8	20	3	18	6-7
COA10	10	22	3	20	6-7
COA12	12	26	4	22	8-9
COA14	14	28	4	24	8-9
COA16	16	30	4	26	8-9
COA18	18	32	4	28	10-12
COA20	20	34	4	30	10-12
COA22	22	36	4	32	10-12
COA24	24	38	4	34	10-12
COA26	26	40	4	36	10-12
COA28	28	42	4	38	10-12
COA30	30	44	4	40	12-14
COA32	32	46	4	42	12-14
COA34	34	50	4	44	12-14
COA36	36	52	4	46	12-14
COA38	38	54	4	48	12-14
COA40	40	56	4	50	12-14
COA42**	42	58	4	52	14

Usable length of compatible accessories (cm)

	6F	7F	8F	9F	10F	12F	14F
Sheath	60	60	78	78	78	78	78
Dilator	66	66	84	84	84	84	84
Loader	9	9	9	11	11	13	13

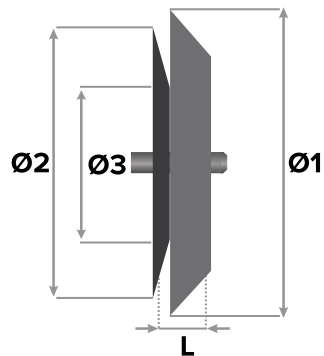
Delivery cable

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



Device Description

- Self-expanding, self-centering double disc device with unique platinum coating
- Discs are filled with polypropylene fabric which assists thrombogenicity
- Ability to recapture and redeploy[#]
- 0% erosion up to 43 months of follow-up in more than 4000 patients¹
- 95% to 100% device success rate from early European experience^{2,3}



Design:

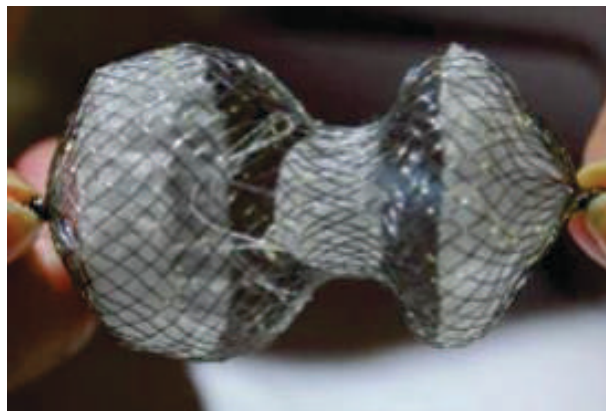
Left atrial disc diameter (Ø1)

Device size (Ø3)

Right atrial disc diameter (Ø2)

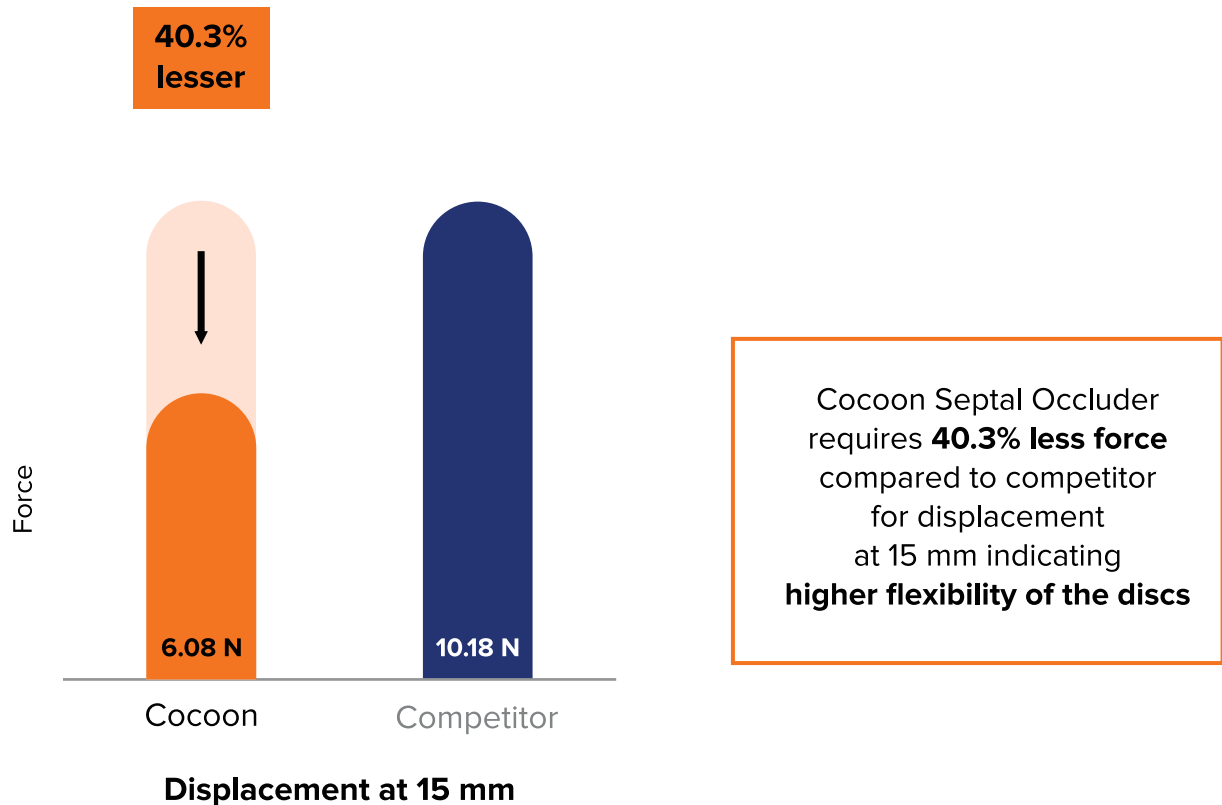
Waist length (L)

Optimal sealing of defects

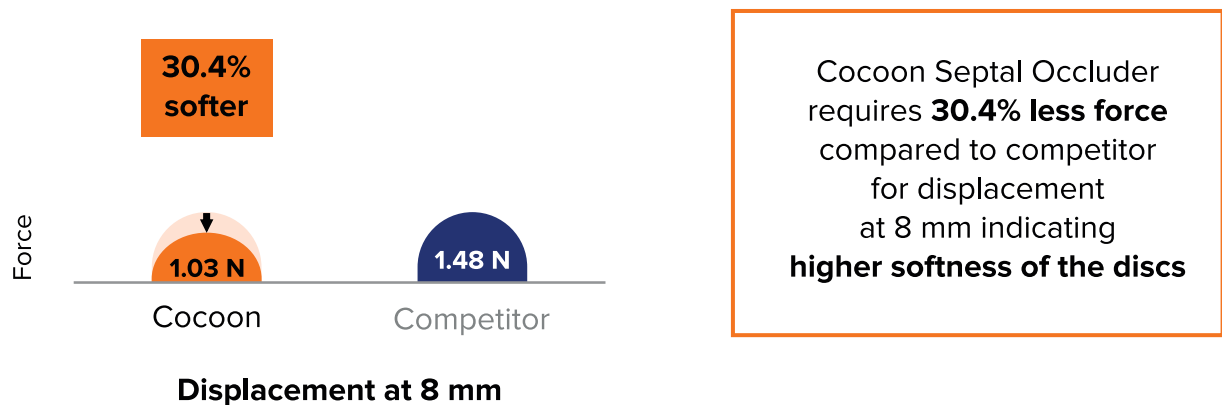


The waist of Cocoon Septal Occluder has **adequate sealing strength** at the disc level: Up to **100% immediate closure rates**^{1,4}

Flexibility at the disc level*



Softness to protect*



Conformability at the discs*

Right disc

Better conformability of the right atrial disc with the Cocoon Septal Occluder



Cocoon Septal Occluder

Good conformability of the right atrial disc with the Competitor



Competitor

Cocoon Septal Occluder is highly conformable

Left disc

Left atrial disc shows no gap with Cocoon Septal Occluder



Cocoon Septal Occluder

Gap is evident, chances of edge penetration are higher with the Competitor

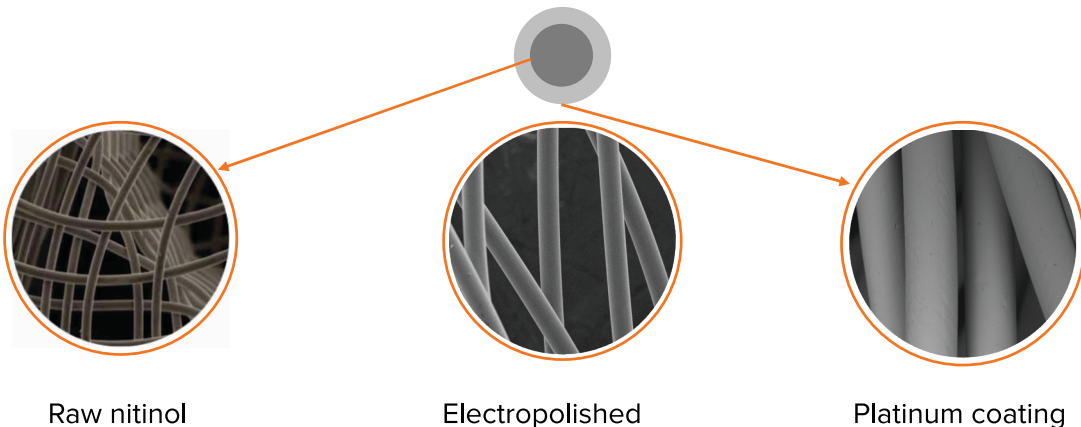


Competitor

Cocoon Septal Occluder is highly conformable

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



Platinum coating makes Cocoon Occluders:

Biocompatible

Non-corrosive

Non-allergic

More radiopaque

Real-world clinical experience

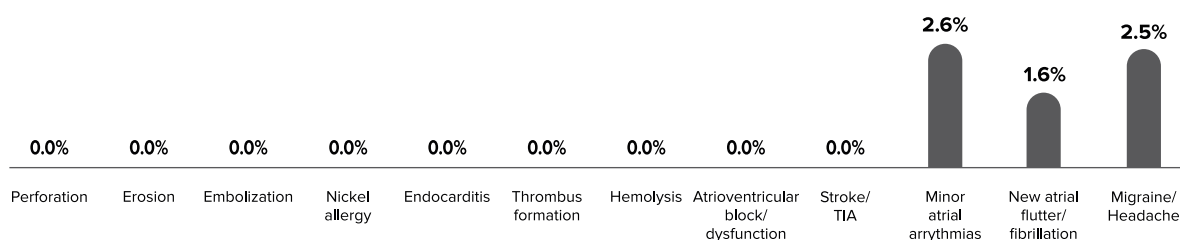
Hellenic Journal of Cardiology¹

Impact Factor: 4.1 (2023)

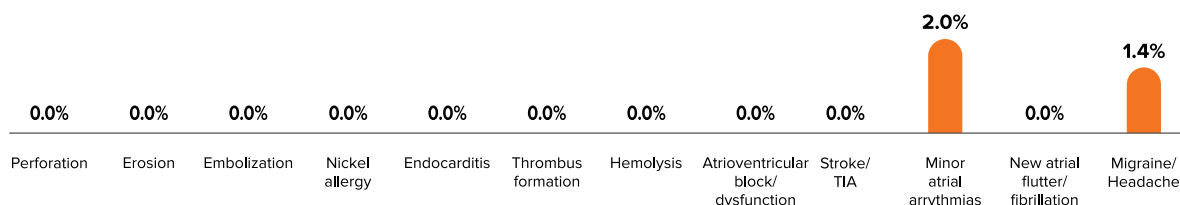
DOI: 10.1016/j.hjc.2020.12.009



Adult Follow-up Data at 43 Months (n=2,016)



Children Follow-up Data at 43 Months (n=1,811)



- Implantation of the Cocoon Septal Occluder yielded satisfactory procedural and long-term follow – up results with high success and no device related cardiac erosions, perforations or nickel allergies
- The Cocoon Septal Occluder has certain specific structural improvements that make it an important percutaneous option to catheter closure of secundum atrial septal defects

ASD : Atrial Septal Defect

TIA : Transient Ischemic Attack

1. Hellenic J Cardiol. 2021 May-Jun;62(3):206-211.

2. Int J Cardiol. 2014 Dec 15;177(2):418-22.

3. Catheter Cardiovasc Interv. 2015 Sep 1;86(3).

4. Medicine (Baltimore). 2019 Mar;98(10):e14684.

*Data on SMT file. R & D tests performed using 26 mm Septal Occluders for both devices. The test results are an average of the test performed three times.

**Not available for use in CE mark required countries.

*Recapture and redeployment is possible only if delivery cable is securely connected to the disc.

Caution: This product is intended for use by or under the direction of a physician. Prior to use, refer to the "Instructions for use" supplied with these devices for indications, contraindications, side effects, suggested procedure warnings and precautions. As part of our continuous product development policy, we reserve the right to change product specifications without prior notification. Information contained herein is for distribution outside the USA & Japan.

Check the regulatory status of the device before distribution in areas where CE marking is not the regulation in force. Tests performed by and data on file at Sahajanand Medical Technologies Limited (SMT). Illustrations are artist's representations only and should not be considered as engineering drawings or photographs. Photos on file at Sahajanand Medical Technologies Limited.

Cocoon Septal Occluder is manufactured by Vascular Innovations Co., Ltd. Thailand, a SMT group company. Cocoon is a trademark of Vascular Innovations Co., Ltd.

Cocoon range of occluders are currently not approved by USFDA and are not available for sale in USA.

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