



# *Cocoon*

Occluders



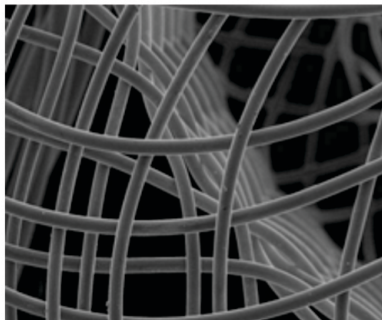
**60,000+ implants globally**



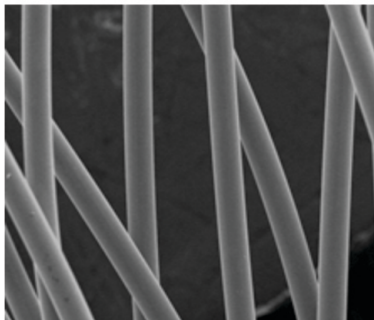
## Platinum Coating Technology

The nitinol wire used in Cocoon Occluders is coated with **platinum** atoms (upto 25 microns) using nano fusion technology by plasma deposition

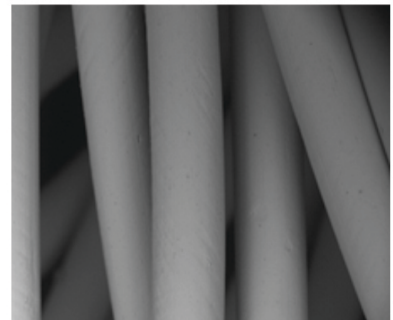
Raw Nitinol



Electropolished



Platinum Coating



## Platinum coating makes Cocoon Occluders

**Biocompatible**

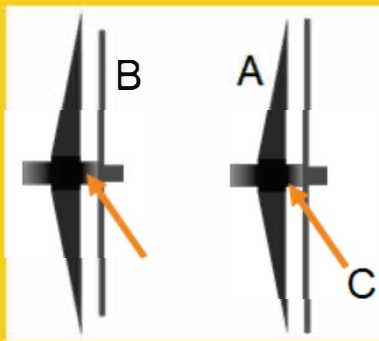
**Non-corrosive**

**Non-allergic**

**More radiopaque**

## Key Highlights

- Self-expanding, Self-centering double disc device
- Two discs are linked together by a short connecting waist allowing free motion of each disc
- Device is filled with polyester fabric to assist thrombogenicity
- Ability to recapture and redeploy<sup>#</sup>



**Design:**  
**Right atrial disc (A)**  
**Left atrial disc (B)**  
**Waist (C)**



## Technical Specifications

Catalog Number	Right Atrial Disc Ø (A)	Left Atrial Disc Ø (B)	Waist Length (C)	Sheath Size	Cable Size
CPF18	18mm	18mm	3mm	8F	6F
CPF25	25mm	18mm	3mm	8F	6F
CPF2525	25mm	25mm	3mm	8F	6F
CPF3025	30mm	25mm	3mm	8F	6F
CPF30	30mm	30mm	3mm	8F	6F
CPF35	35mm	25mm	3mm	9F	6F

## Sizing Recommendations

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

Accessory Sets			
Model	PFO sheath size	PFO dilator size	Loader size
CPF8F	8F	8F	8F
CPF9F	9F	9F	9F

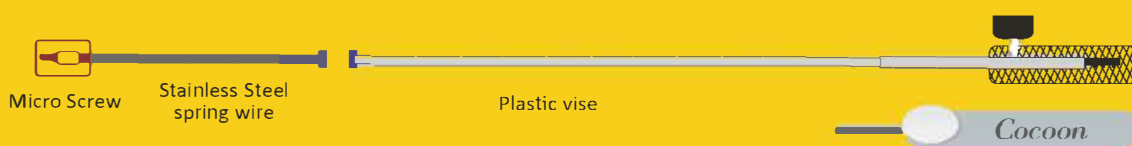
## Usable Length (cm)

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

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

## Delivery Cable

Description	Profile (Inch)	Length (cm)	Catalogue Number
6F Delivery Cable	0.077"	117	CDC6F



\*SVC : Superior Vena Cava

\*\*PFO : Patent Foramen Ovale

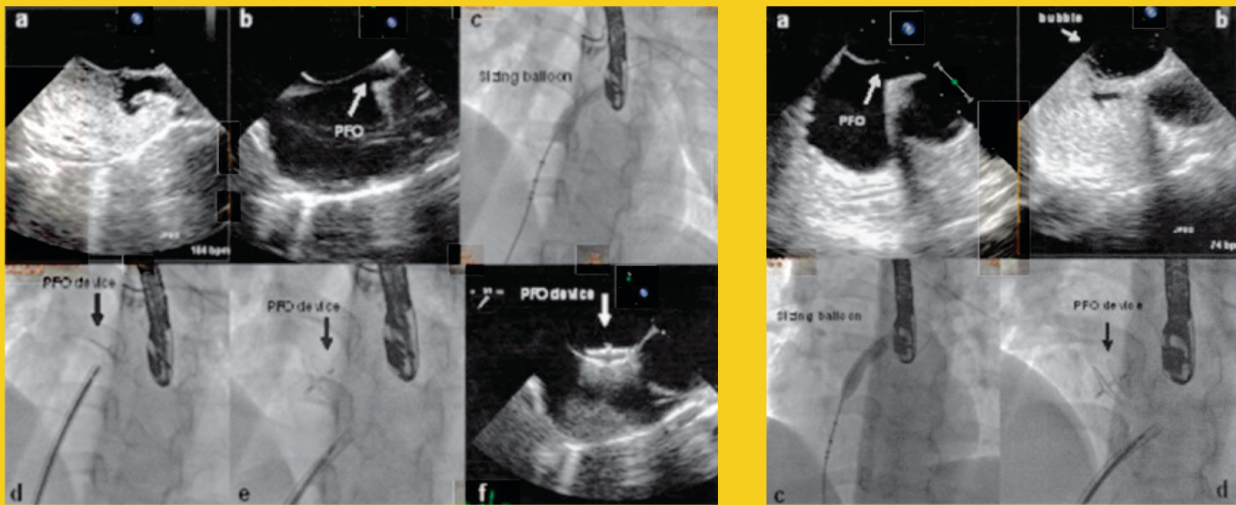
<sup>#</sup>Recapture and Redeployment is possible only if delivery cable is securely connected to the disc.

## Pre-clinical Studies



Images from pre-clinical trials of closure device depicting neoendothelialization. Pigs were sacrificed at 36 and 42 days

## Clinical Case



a. Small PFO detected during agitated saline injection b. Catheter crossing the PFO and demonstrating the tunnel c. Sizing balloon showing the PFO tunnel d. and e. PFO device (arrow) position f. PFO device after implantation as demonstrated by TTE\*

a. Demonstrating PFO by transesophageal echocardiography (arrow) b. Agitated saline injection filled in right atrium and left atrium (arrow) c. Sizing balloon used to evaluate PFO tunnel d. PFO device after detached from cable

Data on file

## Ordering Information

Catalog Number	Right Atrial Disc Ø	Left Atrial Disc Ø	Sheath Code	Cable Code
CPF18	18mm	18mm	CPF8F	CDC6F
CPF25	25mm	18mm	CPF8F	CDC6F
CPF2525	25mm	25mm	CPF8F	CDC6F
CPF3025	30mm	25mm	CPF8F	CDC6F
CPF30	30mm	30mm	CPF8F	CDC6F
CPF35	35mm	25mm	CPF9F	CDC6F

\*TTE : Trans Thoracic Echocardiogram  
PFO - Patent Foramen Ovale

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 for distribution outside the U.S. Japan & France only.

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 Pvt. Ltd. Illustrations are artist's representations only and should not be considered as engineering drawings or photographs. Photos on file at Sahajanand Medical Technologies Pvt. Ltd.

Cocoon is a trademark of Sahajanand Medical Technologies Pvt. Ltd. or its affiliates. **Disclaimer:** © 2020 Sahajanand Medical Technologies Pvt. Ltd. – All rights reserved. Specifications are subject to modification, revision and improvement.

Registered Office: Sahajanand Medical Technologies Pvt. Ltd.  
'Sahajanand Estate', Wakharia Wadi, Near Dabholi Char Rasta, Ved Road, Surat 395004, Gujarat, INDIA Tel.: +91 261 6112800 Fax: +91 261 6112801  
• CIN: U33119GJ2001PTC040121 • www.smtpl.com