

 *Cocoon*

Occluders



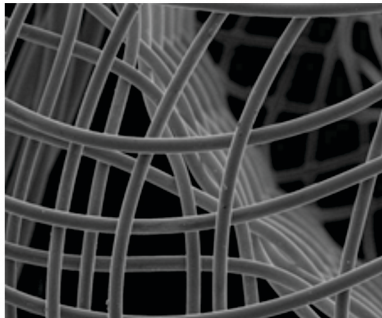
**60,000+ implants globally**



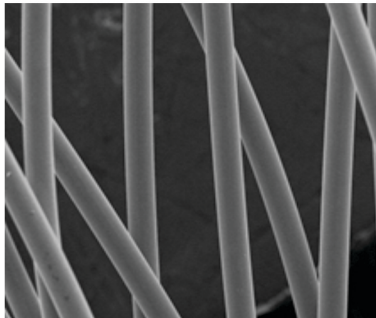
## Platinum Coating Technology

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

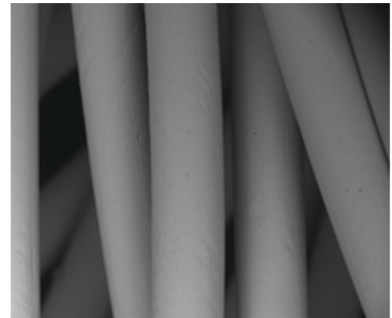
Raw Nitinol



Electropolished



Platinum Coating



## Platinum coating makes Cocoon Occluders

**Biocompatible**

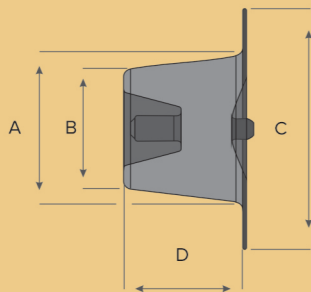
**Non-corrosive**

**Non-allergic**

**More radiopaque**

## Key Highlights

- Hat-shaped tapered design ensures secured implantation at aorta and minimizes risk of migration in pulmonary artery
- Device is filled with polyester fabric to assist thrombogenicity
- Extended retention portion provide proper positioning of the device in the ductus arteriosus
- 100% occlusion rate at one month follow up<sup>1</sup>
- Ability to recapture and redeploy<sup>#</sup>



### Design:

A – Diameter at Descending Aorta

B – Diameter at Pulmonary Artery

C – Retention Diameter

D - Length

## Technical Specifications

Product Code	Diameter at Descending Aorta (mm) A	Diameter at Pulmonary Artery (mm) B	Retention Diameter (mm) C	Device Length (mm) D	Compatible Sheath Size (French)
COP0406	6	4	10	7	6-7
COP0608	8	6	12	7	6-7
COP0810	10	8	16	8	7-8
COP1012	12	10	18	8	7-8
COP1214	14	12	20	8	8-9
COP1416	16	14	22	8	8-9
COP1618	18	16	24	8	9
COP1820	20	18	26	8	9

## Usable Length (cm)

	6F	7F	8F	9F
Sheath	83	83	83	83
Dilator	89	89	89	89
Loader	10	10	10	12

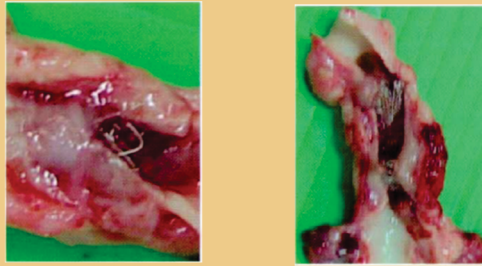
## Delivery Cable

Description	Profile (Inch)	Length (cm)	Catalogue Number
5F Delivery Cable	0.043"	125	CDC5F
6F Delivery Cable	0.077"	117	CDC6F



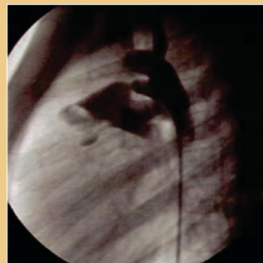
<sup>#</sup>Recapture and Redeployment is possible only if delivery cable is securely connected to the disc.

## Pre-clinical Studies

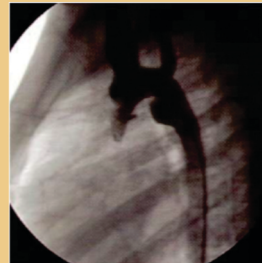


Seven days after implantation in a pig PDA\* shows a well-encapsulated device

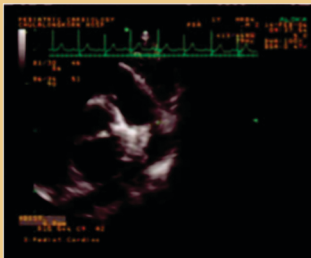
## Clinical Case



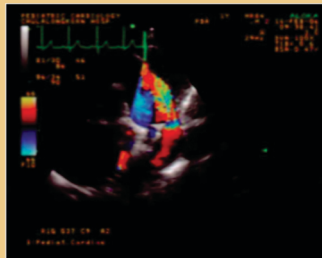
Aortogram in a 5-year-old girl with PDA before Cocoon device implantation



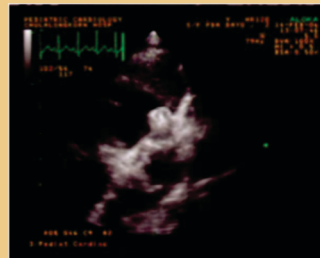
Aortogram in a 5-year-old girl with PDA after Cocoon device implantation



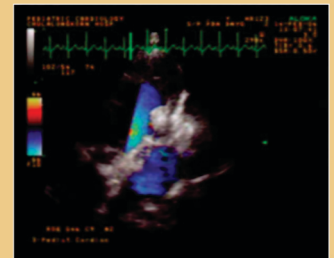
Echocardiographic study in 1-year-old boy with PDA size 4.8 mm



Color Doppler showing flow from descending aorta across PDA to pulmonary artery



Echocardiographic study 2 hours after device implantation showing completely closed PDA



Color Doppler showing complete closure, two hours after device implantation

Data on file

## Ordering Information

Product Code	Sheath (Fr)	Cocoon Accessory Set Catalog Number	Cocoon Delivery Cable Catalog Number
COP0406	6-7	COP6F / COP7F	CDC5F / CDC6F
COP0608	6-7	COP6F / COP7F	CDC5F / CDC6F
COP0810	7-8	COP7F / COP8F	CDC6F
COP1012	7-8	COP7F / COP8F	CDC6F
COP1214	8-9	COP8F / COP9F	CDC6F
COP1416	8-9	COP8F / COP9F	CDC6F
COP1618	9	COP9F	CDC6F
COP1820	9	COP9F	CDC6F

\*PDA: Patent Ductus Arteriosus  
1. Medicine. 2019 Mar;98(10).

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.

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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  
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