Duct Occluder



Secure Anchoring

Mechanism for Ease

of Deployment

Ability to Recapture and Reposition the Device

Designed for the Non-Surgical Closure of Patent Ductus Arteriosus (PDA).

Fits all types of PDA Shapes

Helping Hearts Heal
Themselves



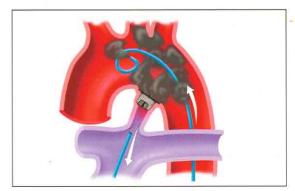
AMPLATZER® Duct Occluder

Intended Use

The AMPLATZER Duct Occluder is a percutaneous, transcatheter occlusion device intended for the non-surgical closure of patent ductus arteriosus (PDA). The device has been developed as an alternative to heart surgery, endoscopic closure and other currently available transcatheter occlusion devices.

Description

The AMPLATZER Duct Occluder is a self-expandable device made from a Nitinol wire mesh. A retention skirt on the aortic side provides secure positioning in the ampulla of the ductus. As the occluder is implanted, it expands outward and the wires push against the wall of the ductus. Polyester fabric is sewn into the occluder with polyester thread. The fabric induces thrombosis that closes the communication.



Secured placement and detachment of the AMPLATZER Duct Occluder

AMPLATZER Duct Occluder Ordering Information

A = Device Diameter at Descending AortaB = Device Diameter at

B = Device Diameter at Pulmonary Artery

C = Retention Skirt

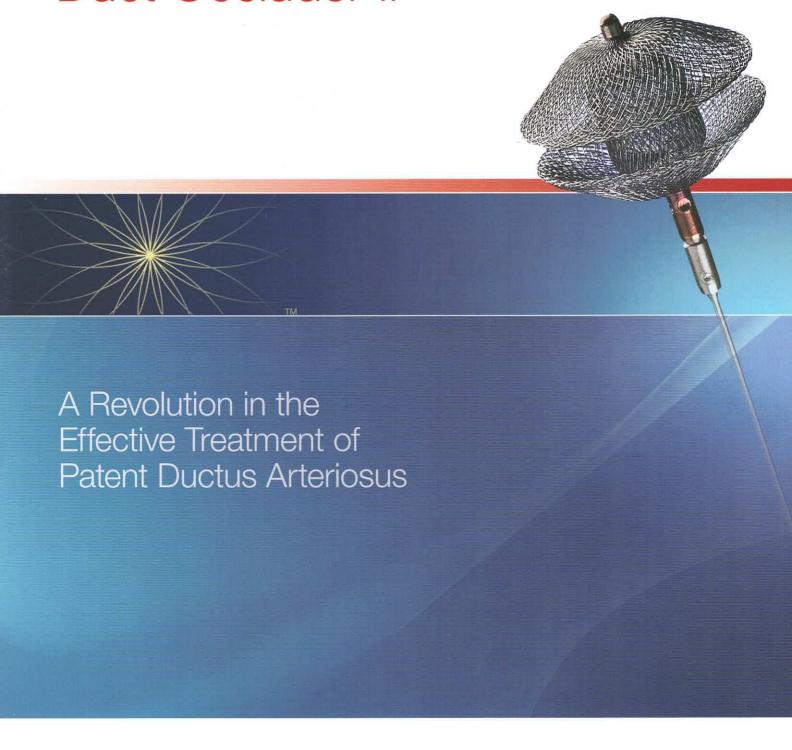
D = Length

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	A	В	С	D	
Order Number	Device Diameter at Descending Aorta	Device Diameter at Pulmonary Artery	Retention Skirt	Length	Recommended Sheath Size
9-PDA-003	5 mm	4 mm	9 mm	5 mm	5-6 F
9-PDA-004	6 mm	4 mm	10 mm	7 mm	5-6 F
9-PDA-005	8 mm	6 mm	12 mm	7 mm	6 F
9-PDA-006	10 mm	8 mm	16 mm	8 mm	6-7 F
9-PDA-007	12 mm	10 mm	18 mm	8 mm	6-7 F
9-PDA-008*	14 mm	12 mm	20 mm	8 mm	7 F
9-PDA-009*	16 mm	14 mm	22 mm	8 mm	7 F

CAUTION: The 14-12 mm and 16-14 mm AMPLATZER Duct Occluders are not available in the U.S.A. AMPLATZER® is a registered trademark of AGA Medical Corporation. @AGA MEDICAL CORPORATION, 2003. Not in any way connected with medical gas or equipment sold under the "AGA" brand by AGA AB or its successors.

AMPLATZER® Duct Occluder II



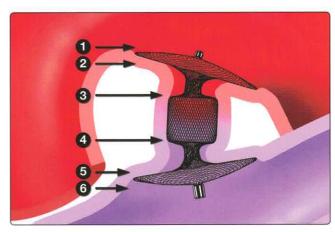


AMPLATZER® Duct Occluder II A Revolution in the Effective Treatment of

The AMPLATZER® Duct Occluder II allows controlled and precise transcatheter delivery for closure of all classifications of Patent Ductus Arteriosus (PDA) from 5.5 mm to less than 2.5 mm in diameter.

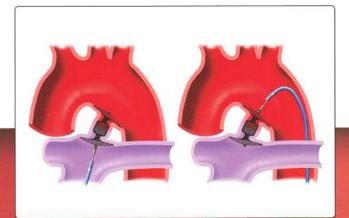
- Fabric-free technology allows for low-profile devices and delivery systems creating superior deliverability and expanded procedural options
- Flexible mesh and dual articulations provide high conformability to treat all classifications^{1,2} of Patent Ductus Arteriosus
- Multi-layered mesh lobes create six planes of occlusion with full cross sectional coverage for complete closure³





The AMPLATZER Duct Occluder II has three articulated mesh lobes which create six planes of occlusion with full cross sectional coverage

- The selection of waist sizes, from 3 to 6 mm, and lengths, 4 or 6 mm, can treat most PDAs from 5.5 mm to less than 2.5 mm in diameter
- Can be deployed, recaptured and redeployed for precise and secure placement



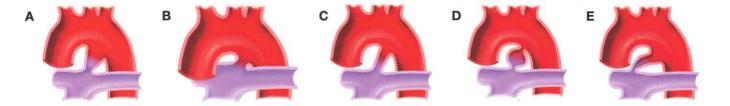
The symmetrical design of the device and the low profile delivery allow choice between aortic artery and pulmonary artery approaches

¹ Krichenko et al: Am J Cardiolo 1989; 63:877

²Not indicated for the treatment of "window" PDAs

³ Data on file at AGA Medical

Patent Ductus Arteriosus



The AMPLATZER Duct Occluder II allows controlled and precise transcatheter delivery for closure of all PDA classifications^{1,2}

- TYPE A Cone shaped ductus with well defined aortic ampulla and constriction at the PA end
- TYPE B Short length ductus without constriction
- TYPE C Tubular ductus without constriction

- TYPE D Complex ductus with multiple constrictions
- TYPE E Elongated ductus with the constriction remote from the anterior edge of the trachea

The AMPLATZER® TorqVue® Low Profile:

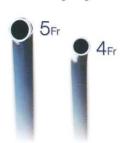
- New low profile braided catheter delivery system available in 4 and 5 French sizes
- Flexible distal catheter segment allows for easy aortic or pulmonary artery approaches for PDA closure with ADO-II
- Braided delivery wire with flexible Nitinol tip for ease of device positioning and deployment within various duct configurations

TorqVue® Delivery System

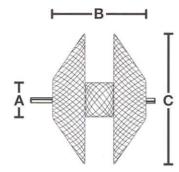


Magnified view for comparison

New TorqVue® LP Delivery System



AMPLATZER® Duct Occluder II



DUCT OCCLUDER II - ORDERING INFORMATION

Order No.	A - Waist Diameter (mm)	B - Length (mm)	C - Disc Diameter (mm)	Delivery Catheter Minimum Size
9-PDA2-03-04	3 mm	4 mm	9 mm	4 Fr
9-PDA2-03-06	3 mm	6 mm	9 mm	4 Fr
9-PDA2-04-04	4 mm	4 mm	10 mm	4 Fr
9-PDA2-04-06	4 mm	6 mm	10 mm	4 Fr
9-PDA2-05-04	5 mm	4 mm	11 mm	5 Fr
9-PDA2-05-06	5 mm	6 mm	11 mm	5 Fr
9-PDA2-06-04	6 mm	4 mm	12 mm	5 Fr
9-PDA2-06-06	6 mm	6 mm	12 mm	5 Fr

AMPLATZER TORQVUE LP - ORDERING INFORMATION

Order No.	Catheter Size	Catheter Length (cm)	Tip Angle	Delivery Cable Length (cm)
9-TVLP4F90/060	4 Fr	60	90°	160
9-TVLP4F90/080	4 Fr	80	90°	195
9-TVLP5F90/060	5 Fr	60	90°	160
9-TVLP5F90/080	5 Fr	80	90°	195

The AMPLATZER Duct Occluder II offers a choice in device lengths and diameters to treat a wide range of duct size and morphology:

MEASURED DUCTUS DIAMETER	MEASURED DUCTUS LENGTH					
	< 5 mm	5 mm - 8 mm	8.1 mm - 10 mm	10.1 mm - 11 mm	11.1 mm - 12 mm	
< 2.5 mm	9-PDA2-03-04	9-PDA2-03-06	9-PDA2-04-06	9-PDA2-05-06	9-PDA2-06-06	
2.5 mm - 3.5 mm	9-PDA2-04-04	9-PDA2-04-06	9-PDA2-05-06	9-PDA2-06-06	9-PDA2-06-06	
3.6 mm - 4.5 mm	9-PDA2-05-04	9-PDA2-05-06	9-PDA2-05-06	9-PDA2-06-06	9-PDA2-06-06	
4.6 mm - 5.5 mm	9-PDA2-06-04	9-PDA2-06-06	9-PDA2-06-06	9-PDA2-06-06	9-PDA2-06-06	

CORP MEDICAL CHILE LIMITADA



Representante Exclusivo en Chile La Concepción 165 - Of. 402 Providencia - Santiago - Cel.: 09.235 9435 Fono: 56-2 4816820 - Fax: 56-2 4816823 e-mall: corpmedical@corpmedical.net



AGA Medical Corporation 5050 Nathan Lane North Plymouth, MN 55442 U.S.A.

(888) 546-4407 **Toll Free** (763) 513-9227 **Phone** (763) 647-5923 **Fax** www.amplatzer.com **Internet**

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Note: Refer to The Instructions for Use for complete listing of indications and Usage, Contraindications, Warnings and Precautions. Contact AGA Medical Corporation for further information.

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