EOS™ Endoluminal Occlusion System

EOS™ the PLUG

Create immediate, complete, and permanent occlusion, quickly and reliably, with **EOS™**

ArtVentive
MEDICAL GROUP, INC.

THE FLOW STOPS HERE.

For optimized efficiency and ultimate confidence, there's only one choice – EOS.™

IMMEDIATE

Upon deployment, EOS™ provides instantaneous occlusion of the treated vessel.

COMPLETE

Initial clinical evidence shows 100% acute occlusion rate.[1]

PERMANENT

Initial clinical evidence shows 100% sustained vessel occlusion and no migration.[1]

AND HERE.

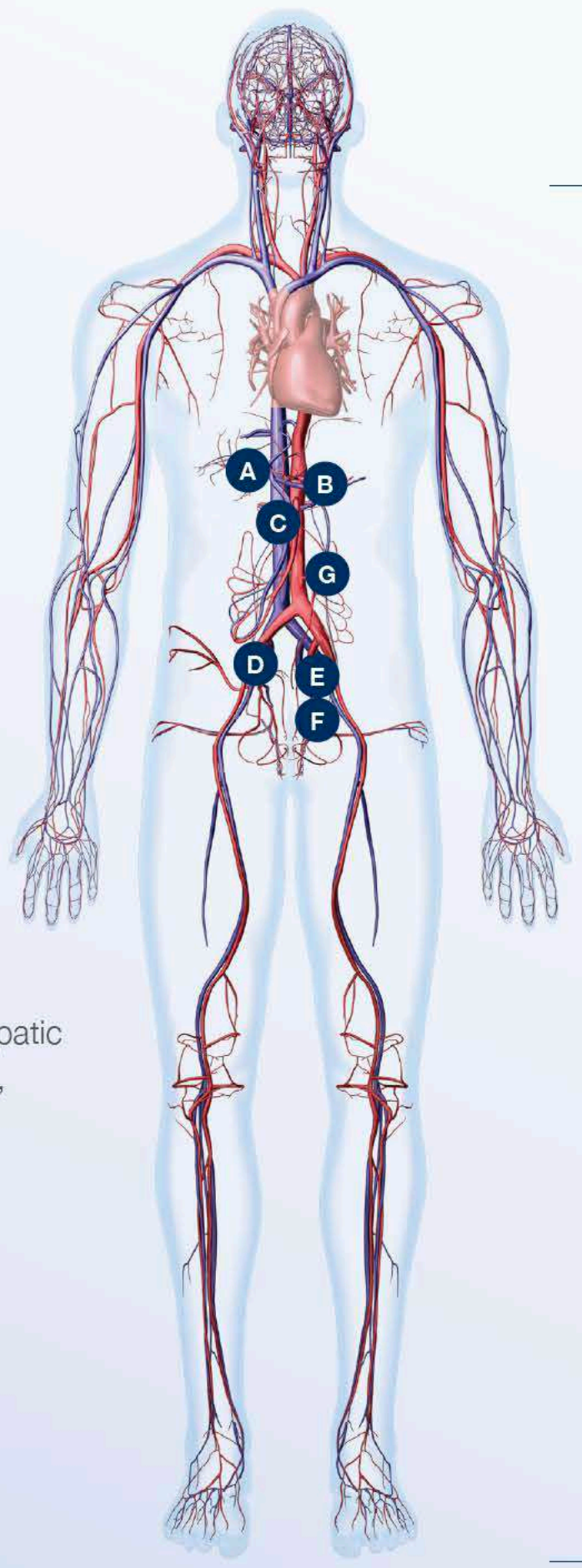
A Intrahepatic Portal Vein Embolization
Increase remnant liver volume after major liver resection

B Splenic Artery Embolization
Avoid splenectomy during trauma or utilize prior to planned splenectomy

AND HERE.

C Gastroduodenal Artery Embolization
Use before radioembolization or hepatic artery chemo infusion; hemorrhage, aneurysms, or fistulae

D Iliac Artery Embolization
Prior to, or during, EVAR procedures



AND HERE.

E Spermatic Vein Embolization: Varicocele
Treat pain and infertility due to varicosities in the scrotum

F Ovarian Vein Embolization: Pelvic Congestion Syndrome
Address chronic pelvic pain associated with ovarian vein varices

G Peripheral Vasculature
Arterial trauma; venous insufficiency

AND BEYOND.

H Additional Peripheral Vascular Applications

EOS™ delivers effective occlusion in arterial and venous applications.

MAXIMUM STOPPING POWER.

PRECISE DEPLOYMENT

- Fast deployment: Delivery catheter with handle for two-stage deployment of the EOS™ plug.
- Controlled deployment: Side port enables saline/contrast solution pre-deployment flush and intra-procedure visualization

RELIABLE PERFORMANCE

- ePTFE covering enables immediate occlusion—no clotting required
- Nitinol scaffold optimizes radial force and stability against the vessel wall to minimize migration

SAVING PROCEDURE TIME AND ENHANCING SAFETY

Immediate occlusion—no waiting for clotting

Minimizes fluoroscopy to reduce radiation exposure for patients and staff

CONTROLLED DELIVERY AND DEPLOYMENT

IMMEDIATE, COMPLETE, and PERMANENT OCCLUSION – only with the EOS™ PLUG

- Immediate total occlusion
- Multiple peripheral venous and arterial applications
- No migration and minimal artefacts in follow-up MR and CT imaging
- Unique, proprietary design enables precise placement and deployment
- Simple and fast: can reduce procedural time, radiation exposure, and costs

ORDERING INFORMATION

EOS™ Catalog #	Description	Recommended Vessel Size	Plug Length
EOS PG1-5	5mm EOS™ Plug 105 cm working length 0.067" lumen, 6F Guide Catheter compatible	3–5mm	3mm Vessel – 11mm Plug length 5mm Vessel – 9mm Plug length
EOS PG1-8	8mm EOS™ Plug 105 cm working length 0.067" lumen, 6F Guide Catheter compatible	4.5–8mm	4.5mm Vessel – 21mm Plug length 8mm Vessel – 17mm Plug length
EOS PG1-11	11mm EOS™ Plug 105 cm working length 0.082" lumen, 7.5F Guide Catheter Compatible	7.5–11mm	8mm Vessel – 12mm Plug length 11mm Vessel – 18mm Plug length

Guide Catheter Catalog #	Description	Specifications
EOS PSG1-6	6F Guide Catheter for 5mm and 8mm EOS EOS™ Delivery and Deployment.	Guidewire – .035" Inner Diameter – .067" Outer Diameter – .082" Guide Catheter Working Length – 89cm Dilator Working Length – 96cm
EOS PSG1-7.5	7.5F Guide Catheter for 11mm EOS™ Delivery and Deployment.	Guidewire – .035" Inner Diameter – .082" Outer Diameter – .101" Guide Catheter Working Length – 89cm Dilator Working Length – 96cm

REFERENCE & PUBLICATIONS

- 1) Venbrux AC, Rudakov L, Plass A, et al. A new occlusion device: application of the ArtVentive endoluminal occlusion system (EOS)–first in human clinical trial. *Cardiovasc Intervent Radiol. 2014 Feb;37(1):85-93.*
- Emmert M, Venbrux A, Rudakov L, et al. The endovascular occlusion system for safe and immediate peripheral vessel occlusion during vascular interventions. *Interactive Cardiovasc and Thor Surg. 2013;1-4:doi:10.1093/icvts/ivt318.*
- Tamrazi A, Wadhwa V, Duarte A, et al. Successful occlusion of the splenic artery using the Endoluminal Occlusion System. *JVIR. 2015 Sept; 1412-1414.*
- Tellez A, Rudakov L, Dillon K, et al. Efficacy and safety evaluation of a novel endovascular occlusion system in a large peripheral model.. *TCT 2015 poster.*
- Moelker A. First experience with a new vascular occlusion device: the ArtVentive Endoluminal Occlusion System - cases from Holland. *GEST 2016 poster.*
- Pyra K, Jargiello T, et al. Evaluation of effectiveness of embolization in PCS with the new vascular occlusion device (ArtVentive EOS): Preliminary results. *Cardiovascular and Interventional Radiology, published online: 01 June 2016*

The ArtVentive Endoluminal Occlusion System (EOS™) is indicated for arterial and venous embolization in the peripheral vasculature.

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