

**THINK OUTSIDE  
THE HEMORRHAGE.  
THINK LAA OCCLUSION.**



## **AMPLATZER® AMULET™ LEFT ATRIAL APPENDAGE OCCLUDER**

Consider occluding the left atrial appendage to reduce stroke risk in Atrial Fibrillation (AFib) patients who have suffered an intracerebral hemorrhage (ICH) and have been on anticoagulant medication.

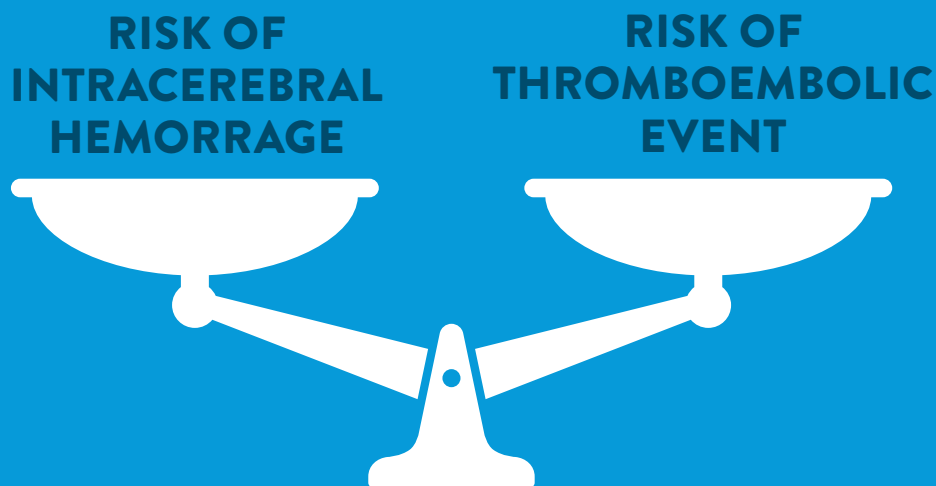
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# A CHALLENGING DILEMMA

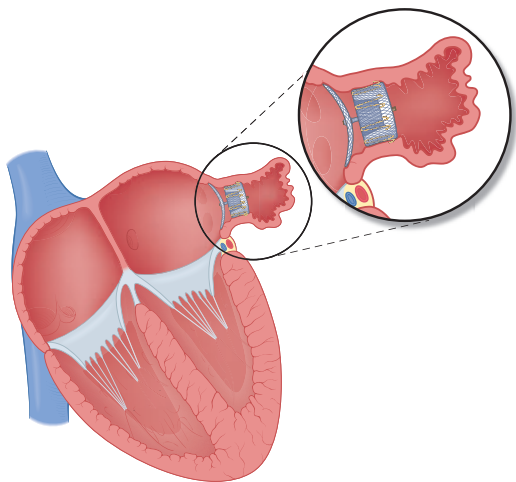
Neurologists are presented with a challenge when an Atrial Fibrillation (AFib) patient on oral anticoagulants (OAC) suffers an intracerebral hemorrhage (ICH). While OAC drugs can be effective in mitigating stroke caused by thrombus build-up and embolism from the left atrial appendage (LAA)<sup>1</sup>, OAC drugs can increase the risk of a recurrent ICH event<sup>2</sup>.

Faced with these alternatives, physicians most often decide to discontinue OAC therapy, thus leaving patients exposed to ischemic stroke.



## THE OCCLUSION ANSWER

Left atrial appendage occluders are designed to reduce the risk of thrombus embolization from the left atrial appendage (LAA)—the most common source of thrombus-causing stroke in Atrial Fibrillation (AFib) patients. By sealing off the LAA, ICH patients with AFib who are unable to take oral anticoagulation are protected from LAA-related thromboembolism.



### **THE AMPLATZER® AMULET™ LEFT ATRIAL APPENDAGE OCCLUDER:**

**Complete Closure**—Designed to completely seal the LAA at the ostium, reducing the risk of thrombus embolization from the LAA.

**Minimally Invasive**—Deployed in a catheter-based procedure using the transfemoral vein.

**Straightforward Procedure**—Performed by an interventional cardiologist or electrophysiologist under general anaesthesia or sedation in approximately 1 hour, with a 1-2 day hospital stay.

# AMPLATZER AMULET: SUPPORTED BY GUIDELINES, PROVEN BY REAL WORLD EXPERIENCE



## AUTHORIZED BY ESC AF GUIDELINES

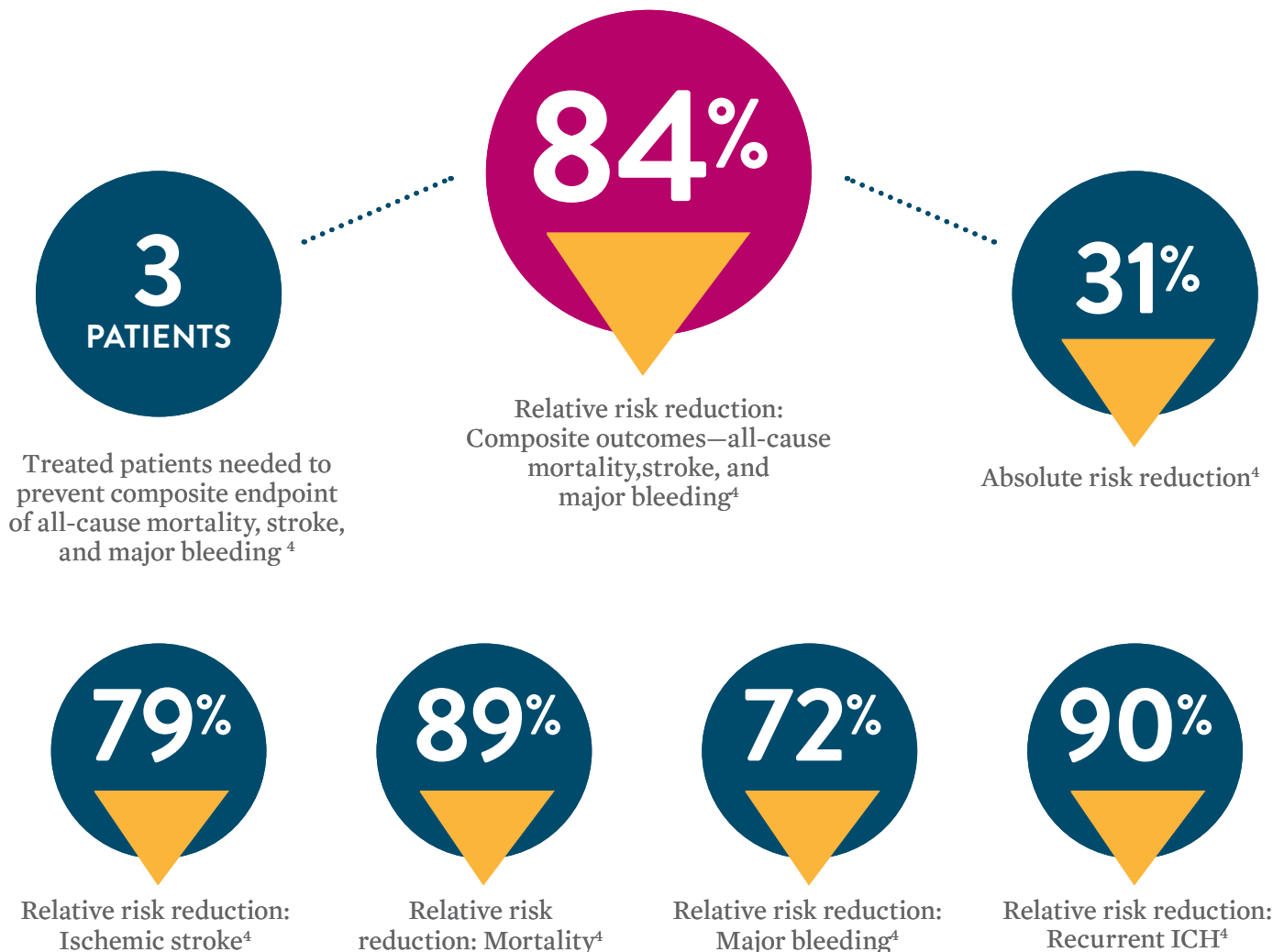
“LAA occlusion may be considered for stroke prevention in patients with AF and contra-indications for long-term oral anticoagulation treatment”—IIb, level of evidence B<sup>3</sup>.

## PROVEN SUPERIOR TO MEDICAL MANAGEMENT

For Afib patients with a prior ICH, AMPLATZER Amulet is proven superior to medical management<sup>4</sup> for the reduction of ischemic stroke, all-cause mortality, and major bleeding.

## RELATIVE RISK REDUCTION: AMPLATZER AMULET VS. MEDICAL MANAGEMENT

In a study of 302 patients, 151 were treated with Left Atrial Appendage Occlusion and 151 were treated with medical management.<sup>4</sup>





## AMPLATZER® AMULET™

For ICH patients with AFib, the AMPLATZER AMULET Left Atrial Appendage Occlusion device is a proven, reliable, minimally-invasive way to reduce the risk of LAA-related thromboembolism and ischemic stroke when anticoagulant medication is discontinued.

**CONNECT WITH AN INTERVENTIONAL CARDIOLOGIST OR ELECTROPHYSIOLOGIST TO DISCUSS THE OPTION OF LEFT ATRIAL APPENDAGE OCCLUSION FOR YOUR ICH PATIENTS WITH AFIB.**

### REFERENCES

1. Lip 2015 Stroke Prevention (v1.0) GYH, Lane DA. Stroke Prevention in Atrial Fibrillation: A Systematic Review. *JAMA*. 2015;313(19):1950–1962. doi:10.1001/jama.2015.4369
2. Angelozzi A, Renda G, et al. The Risk of Intracranial Hemorrhage with Anticoagulation in the Elderly – Estimates of Prevalence (v1.0) and Therapeutic Strategies. *American College of Cardiology*, 2015; Available from: <http://www.acc.org/latest-in-cardiology/articles/2015/12/21/12/59/the-risk-of-intracranial-hemorrhage-with-anticoagulation-in-the-elderly>; Accessed June 6, 2018.
3. Kirchhof 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration (v1.0) with EACTS. *European Heart Journal*. 2016;37(38):2893-2962.
4. Nielsen-Kudsk, 2017 Left atrial appendage occlusion (v1.0) versus standard medical care in patients with atrial fibrillation and intracerebral hemorrhage: A propensity score matched follow-up study. *EuroIntervention*. doi:10.4244/EIJ-D-17-00201.

**CAUTION:** This product is intended for use by or under the direction of a physician. Prior to use, reference the Instructions for Use, inside the product carton (when available) or at <https://manuals.sjm.com> for more detailed information on Indications, Contraindications, Warnings, Precautions and Adverse Events.

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### Abbott

Park Lane, Culliganlaan 2b, 1831 Diegem, Belgium Tel: +32 2 714 14 11

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