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For immediate release

Biosense Webster Submits Application to U.S. FDA Seeking Approval of the VARIPULSE™ Platform for the Treatment of Paroxysmal Atrial Fibrillation

Findings from the admIRE study – freedom from atrial arrhythmia recurrence at 12 months – support the submission of the VARIPULSE™ Platform among U.S. patients

Irvine, CA March 25, 2024 – Biosense Webster, Inc., a global leader in cardiac arrhythmia treatment and part of Johnson & Johnson MedTechⁱ, announced the submission of the VARIPULSE™ Platform for Premarket Approval Application (PMA) to the U.S. Food & Drug Administration (FDA). The submission was supported by results from the admIRE study, a prospective, multi-center, non-randomized trial.

The VARIPULSE™ Platform is comprised of the VARIPULSE™ Catheter, a fully integrated variable-loop multielectrode catheter; the TRUPULSE™ Generator, a pulsed field ablation (PFA) generator; and the CARTO™ 3 System VARIPULSE™ Software, which provides full integration with the world's leading 3D cardiac mapping system. The VARIPULSE™ Platform is designed to enable pulmonary vein isolation with the versatility of a catheter loop, a simple generator user interface, and a mapping system that provides an intuitive, reproducible workflow with real-time visualization, contact indicator, and PF tagging mechanisms.

"The VARIPULSE™ Platform, differentiated by its CARTO™ 3 System integration and mapping capabilities, is part of a versatile portfolio of PFA tools that Biosense Webster is developing to meet the varied needs of electrophysiologists and their patients," said Jasmina Brooks, President, Biosense Webster, Inc. "Based on the results from the admIRE clinical trial, we are confident that this innovation has the promise to deliver significant value and differentiated capabilities, and become an important tool for the treatment of AFib."

Twelve-month outcomes data from the pilot phase of the admIRE study, which assessed the safety and efficacy of the VARIPULSE™ Platform among U.S. patients, were presented as a late-breaker at the 2024 AF Symposium.¹ Among 20 patients who completed the 12-month follow-up visit, 100% achieved acute success from ablation procedures and 80% remained free from atrial arrhythmia recurrence at one year.¹ No procedure or device-related primary adverse events were reported in the pilot phase of the study.¹,ii For patients who had received ablation, median procedure and fluoroscopy times were 90.0 and 3.5 minutes, respectively, likely attributable to integration with the CARTO™ 3 System.¹ Full admIRE study results will be presented later this year.

AFib is the most common type of cardiac arrhythmia and affects more than 6 million people in the United States and nearly 38 million people worldwide.^{2,3} Approximately 1 in 4 adults over the age of 40 are at risk for developing AFib.⁴ Despite these projections, many people are unfamiliar with AFib symptoms, available treatment options, and the importance of early treatment to avoid disease progression.⁵ Catheter ablation is a safe and effective procedure when drugs don't work to help restore the heart's incorrect electrical signals, which cause an abnormal heart rhythm.⁶

Learn more about Biosense Webster's PFA research and clinical evidence here.

About admIRE

The admIRE study (Assessment of Safety and Effectiveness in Treatment Management of Atrial Fibrillation With the Biosense Webster IRE Ablation System) (NCT05293639) is a prospective, multi-center, single-arm study to demonstrate the safety and long-term effectiveness of the VARIPULSE™ Platform when used for isolation of pulmonary veins in treatment of patients in the United States with symptomatic drug refractory paroxysmal AFib. Pulmonary vein isolation (PVI) was achieved using the VARIPULSE™ Platform. The study consisted of a pilot phase, which assessed initial device safety and effectiveness, and a pivotal phase, which assessed these against pre-specified performance goals. The primary safety endpoint was incidence of early onset (within seven days) primary adverse events; atrio-esophageal fistula (within 90 days); cardiac tamponade or perforation (within 30 days); and PV stenosis (within 12 months). Acute procedure success (defined as



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confirmed entrance block at the end of procedure) and freedom from documented atrial arrhythmia recurrence at 12 months were also assessed.

About the VARIPULSE™ Platform

The VARIPULSE™ Platform is Biosense Webster's Irreversible Electroporation ablation system. The fully integrated platform includes the VARIPULSE™ Catheter, TRUPULSE™ Generator, and CARTO™ 3 Mapping System VARIPULSE™ Service Pack Software. In January 2024, Biosense Webster <u>announced</u> that the VARIPULSE™ Platform received its first regulatory approval from the Japan Ministry of Health, Labour and Welfare for the treatment of symptomatic drug refractory recurrent paroxysmal AFib using PFA. In the U.S., the VARIPULSE™ Catheter and TRUPULSE™ Generator are currently investigational and are not approved by FDA. In Europe, the TRUPULSE™ generator received CE mark in late 2023 and the VARIPULSE™ Catheter received CE mark in February 2024.

About Biosense Webster

Biosense Webster, Inc. is the global market leader in the science and technology behind the diagnosis and treatment of cardiac arrhythmias. Part of Johnson & Johnson MedTech, the specialized medical-technology company is headquartered in Irvine, California, and works across the world to advance the tools and solutions that help electrophysiologists identify, treat, and deliver care. Learn more at <u>biosensewebster.com</u> and connect on <u>LinkedIn</u> and <u>X</u>, formerly Twitter.

About Johnson & Johnson MedTechi

At Johnson & Johnson MedTech,ⁱ we unleash diverse healthcare expertise, purposeful technology, and a passion for people to transform the future of medical intervention and empower everyone to live their best life possible. For more than a century, we have driven breakthrough scientific innovation to address unmet needs and reimagine health. In surgery, orthopedics, vision, and interventional solutions, we continue to help save lives and create a future where healthcare solutions are smarter, less invasive, and more personalized.

Cautions Concerning Forward-Looking Statements

This press release contains "forward-looking statements" as defined in the Private Securities Litigation Reform Act of 1995 regarding the VARIPULSE™ Platform clinical trials. These statements are based on current expectations of future events. If underlying assumptions prove inaccurate or known or unknown risks or uncertainties materialize, actual results could vary materially from the expectations and projections of Biosense Webster, Inc. and/or Johnson & Johnson. Risks and uncertainties include, but are not limited to: uncertainty of regulatory approvals; uncertainty of commercial success; challenges to patents; competition, including technological advances, new products, and patents attained by competitors; product efficacy or safety concerns resulting in product recalls or regulatory action; changes to applicable laws and regulations, including global health care reforms; changes in behavior and spending patterns of purchasers of healthcare products and services; and trends toward healthcare cost containment. A further list and descriptions of these risks, uncertainties, and other factors can be found in Johnson & Johnson's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, including in the sections captioned "Cautionary Note Regarding Forward-Looking Statements" and "Item 1A. Risk Factors," and in Johnson & Johnson's subsequent Quarterly Reports on Form 10-Q and other fillings with the Securities and Exchange Commission. Copies of these fillings are available online at sec.gov, jnj.com or on request from Johnson. Neither of Biosense Webster, Inc. nor Johnson & Johnson undertakes to update any forward-looking statement as a result of new information or future events or developments.

i. Johnson & Johnson MedTech comprises the surgery, orthopedics, vision, and interventional solutions businesses within Johnson & Johnson's MedTech segment.

ii. Primary adverse events were defined as myocardial infarction, thromboembolism, transient ischemic attack, diaphragmatic paralysis, pneumothorax, heart block, pulmonary edema, vagal nerve injury, pericarditis, major vascular access complication or bleeding, death, stroke, or any other cerebrovascular accident. Atrioesophageal fistula and PV stenosis occurring >7 days post ablation along with cardiac tamponade or perforations occurring within 30 days of the ablation procedure were also considered primary adverse events.



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