

LivaNova's Perceval Sutureless Aortic Heart Valve Receives National Reimbursement in Japan to Treat Patients with Aortic Valve Disease

London, February 21, 2019 – LivaNova PLC (NASDAQ:LIVN), a market-leading medical technology company, today announced that Japan's Ministry of Health, Labour and Welfare granted national reimbursement for the Company's Perceval® sutureless aortic heart valve to treat aortic valve disease. By adding Perceval into Japan's health insurance system, physicians and patients have greater access to this versatile biological heart valve.

"With national reimbursement for Perceval, an innovative and trusted valve platform, we can provide patients and clinicians in Japan with an innovative and effective option for aortic heart valve replacement," said Noriaki Kawana, President of LivaNova Japan.

The Perceval sutureless valve is supported by a strong body of evidence with more than 10 years of clinical experience. As the only 100-percent sutureless valve for aortic valve replacement, Perceval is designed to be highly versatile and suitable for a wide range of surgical approaches, including traditional and minimally invasive. The valve is specifically designed to reduce the physiological impact of aortic valve replacement and improve patient outcomes.

"We are committed to enhancing patient care around the world," said Roy Khoury, President of LivaNova International. "Perceval has a strong history of positive safety and efficacy outcomes, and we are pleased to bring this valve as a treatment option to patients in Japan."

LivaNova obtained CE Mark for Perceval in 2011 and U.S. Food and Drug Administration approval in 2016. In Japan, the device received regulatory approval in June 2018. To date, more than 25,000 patients worldwide have been treated with the Perceval valve.

About LivaNova

LivaNova PLC is a global medical technology company built on nearly five decades of experience and a relentless commitment to improve the lives of patients around the world. LivaNova's advanced technologies and breakthrough treatments provide meaningful solutions for the benefit of patients, healthcare professionals and healthcare systems. Headquartered in London, LivaNova has a presence in more than 100 countries worldwide. The Company

currently employs approximately 4,000 employees. LivaNova operates as two businesses: Cardiovascular and Neuromodulation, with operating headquarters in Mirandola (Italy) and Houston (U.S.), respectively.

For more information, please visit www.livanova.com.

Safe Harbor Statement

This news release contains forward-looking statements within the meaning of Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Exchange Act of 1934, as amended. Forward-looking statements are not historical facts but are based on certain assumptions of management and describe LivaNova's future plans, strategies and expectations. Forward-looking statements can generally be identified by the use of forward-looking terminology, including, but not limited to, "may," "could," "seek," "guidance," "predict," "potential," "likely," "believe," "will," "expect," "anticipate," "estimate," "plan," "intend," "forecast," or variations of these terms and similar expressions, or the negative of these terms or similar expressions. Forward-looking statements contained in this news release are based on information presently available to LivaNova and assumptions that LivaNova believes to be reasonable, but are inherently uncertain. As a result, LivaNova's actual results, performance or achievements may differ materially from those expressed or implied by these forward-looking statements, which are not guarantees of future performance or actions that may be taken by LivaNova and involve known and unknown risks, uncertainties and other factors that are, in some cases, beyond LivaNova's control. You should carefully consider the risks and uncertainties that affect LivaNova, including those described in the "Risk Factors" section of LivaNova's Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other documents filed from time to time with the United States Securities and Exchange Commission.

All information in this news release is as of the date of its release. LivaNova does not undertake or assume any obligation to update publicly any of the forward-looking statements in this news release to reflect actual results, new information or future events, changes in assumptions or changes in other factors affecting forward-looking statements, except to the extent required by applicable law. If we update one or more forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements. We caution you not to place undue reliance on any forward-looking statements, which are made only as of the date of this news release.

LivaNova PLC Media Contact

Deanna Wilke, +1 (281) 727-2764
Director, Corporate Communications
Corporate.Communications@livanova.com

###