

LivaNova PLC: TOTAL VOTING RIGHTS AND SHARE CAPITAL

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1 September 2016

TOTAL VOTING RIGHTS AND SHARE CAPITAL

In accordance with Disclosure and Transparency Rule 5.6, LivaNova PLC (the “Company”) hereby notifies the market that as of 31 August 2016, the Company’s capital consists of 49,130,803 ordinary shares of £1.00 each. The Company does not hold any shares in treasury.

Therefore, the total number of voting rights in the Company is 49,130,803. This figure may be used by shareholders as the denominator for the calculations by which they will determine if they are required to notify their interests in, or a change to their interest in, the Company under the Disclosure and Transparency Rules.

About LivaNova

LivaNova PLC is a global medical technology company formed by the merger of Sorin S.p.A, a leader in the treatment of cardiovascular diseases, and Cyberonics Inc., a medical device company with core expertise in neuromodulation. LivaNova transforms medical innovation into meaningful solutions for the benefit of patients, healthcare professionals, and healthcare systems. The Company employs approximately 4,600 employees worldwide and is headquartered in London, U.K. With a presence in more than 100 countries, LivaNova operates as three business units: Cardiac Surgery, Cardiac Rhythm Management, and Neuromodulation, with operating headquarters in Clamart (France), Mirandola (Italy) and Houston (U.S.), respectively.

LivaNova is listed on NASDAQ and listed on the Official List of the UK’s Financial Conduct Authority and traded on London Stock Exchange (LSE) under the ticker symbol “LIVN”.

For more information, please visit www.livanova.com, or contact:

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