NICE Recommends Boston Scientific Therasphere™ Y-90 Glass Microspheres for the Treatment of Hepatocellular Carcinoma

LONDON, UK (26 February 2021)

The National Institute for Health and Care Excellence (NICE) has issued guidance recommending the use of TheraSphere™ Y-90 Glass Microspheres for the treatment of patients with hepatocellular carcinoma (HCC), the most common form of liver cancer with more than 6,400 cases diagnosed annually, through the NHS in England, Wales and Northern Ireland.[1]

The outcomes of more than 100 clinical studies demonstrate the effectiveness of TheraSphere in improving tumour response across all stages of liver cancer, and in extending and improving the quality of life for patients globally.[2 – 9] TheraSphere is a medical device consisting of radioactive yttrium-90 (Y-90) glass microspheres, which are delivered directly to liver tumours via a catheter, resulting in an increased tumour response while preserving surrounding healthy tissue. This targeted treatment is commonly known as selective internal radiation therapy (SIRT).

TheraSphere can be used as an outpatient procedure and typically does not require lengthy hospitalisation, with the potential to alleviate pressure on the NHS. Recent statistics from University College London suggest there could be an additional 18,000 cancer deaths in England due to the COVID-19 pandemic, further highlighting the importance for physicians and patients to have access to new options, such as TheraSphere.[10]

“Outpatient treatment options are important for patients diagnosed with liver cancer as they are especially vulnerable to complications from COVID-19 and the use of TheraSphere can help avoid risk of exposure to infection in the healthcare setting.” said Jane Healy, vice president Peripheral Interventions, EMEA at Boston Scientific. “We look forward to bringing this proven treatment option to a greater number of patients with hepatocellular carcinoma, to improve their chance of survival against this disease in today’s challenging healthcare landscape and for many years to come.”

Globally, more than 70,000 patients have been treated with TheraSphere, which has been approved for use as an HCC treatment option in 16 other countries. TheraSphere is also indicated for the treatment of metastatic colorectal cancer (mCRC) in patients who have failed second line treatment in the UK. The company plans to further investigate TheraSphere as a treatment for different cancer segments, including prostate and brain cancers.

For information on the NICE Final Appraisal Documnt and guidance, visitlink.

About Boston Scientific

Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader for more than 40 years, we advance science for life by providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of healthcare. For more information, visit www.bostonscientific.eu and connect on Twitter and Facebook.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements may be identified by words like “anticipate,” “expect,” “project,” “believe,” “plan,” “estimate,” “intend” and similar words. These forward-looking statements are based on our beliefs, assumptions and estimates using information available to us at the time and are not intended to be guarantees of future events or performance. These forward-looking statements include, among other things, statements regarding our business plans, financial performance, product launches and product performance and impact. If our underlying assumptions turn out to be incorrect, or if certain risks or uncertainties materialize, actual results could vary materially from the expectations and projections expressed or implied by our forward-looking statements. These factors, in some cases, have affected and in the future (together with other factors) could affect our ability to implement our business strategy and may cause actual results to differ materially from those contemplated by the statements expressed in this press release. As a result, readers are cautioned not to place undue reliance on any of our forward-looking statements.

Factors that may cause such differences include, among other things: future economic, competitive, reimbursement and regulatory conditions; new product introductions; demographic trends; intellectual property; litigation; financial market conditions; and future business decisions made by us and our competitors. All of these factors are difficult or impossible to predict accurately and many of them are beyond our control. For a further list and description of these and other important risks and uncertainties that may affect our future operations, see Part I, Item 1A – *Risk Factors* in our most recent Annual Report on Form 10-K filed with the Securities and Exchange Commission, which we may update in Part II, Item 1A – *Risk Factors* in Quarterly Reports on Form 10-Q we have filed or will file hereafter. We disclaim any intention or obligation to publicly update or revise any forward-looking statements to reflect any change in our expectations or in events, conditions or circumstances on which those expectations may be based, or that may affect the likelihood that actual results will differ from those contained in the forward-looking statements. This cautionary statement is applicable to all forward-looking statements contained in this document.

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