



## **IMMEDIATE RELEASE**

### **SAKAKIBARA HEART INSTITUTE INSTALLS FIRST D-SPECT™ SYSTEM IN JAPAN**

**Orangeburg NY, April 30<sup>th</sup>, 2012** – Spectrum Dynamics (USA) Inc. today announced the first installation of its D-SPECT system at Sakakibara Heart Institute in Tokyo, Japan. The D-SPECT system with BroadView™ imaging technology represents a breakthrough in almost every component of nuclear cardiology imaging workflow and diagnostics. The D-SPECT is an entirely new technology designed to transform the nuclear medicine imaging market by significantly reducing patient radiation dose and procedure acquisition time, all while improving patient comfort and diagnostic image quality.

Sakakibara Heart Institute, located 20 minutes from downtown Tokyo, is well known as one of the leaders in cardiovascular diseases and covers a broad range of treatments from emergency medical care to cardiac rehabilitation with state-of-the-art medical equipment. Diagnostic imaging plays a key role in determining the course of treatment. Especially notable is that Nuclear Cardiology plays a prominent role in the decision making process for the therapeutic strategy for ischemic heart disease.

“The recent install of the D-SPECT provides very high resolution images and offers a more accurate method of evaluating the image when compared to the conventional system, which could give an unclear picture due to an image artifact. In addition, the system’s higher sensitivity allows for shorter acquisition times and a reduction of the injected dose. The introduction of the D-SPECT enables us to revolutionize our diagnostic method and clinical study. We are proud that Japan is one of the most advanced nations in nuclear medicine.” said Nobuo Iguchi, M.D., Ph.D., Chief of Nuclear Medicine & Director of Cardiovascular Imaging of Sakakibara Heart Institute.

“Spectrum Dynamics is pleased that the first installation of the D-SPECT in Japan is at the Sakakibara Heart Institute. The unique D-SPECT design incorporates nine rotating columns of CZT detectors that are able to focus on specific anatomical points in the body thereby improving the signal-to-noise-ratio. This also eliminates the need to rotate the gantry or the patient to sample the organ of interest. The D-SPECT is the only dedicated cardiac camera that allows for flexible patient imaging - upright, supine or anything in between to improve patient comfort and decrease patient anxiety. We are excited to work with Dr. Nobuo Iguchi and his team to help them provide cutting-edge technology to their patients.” said Jim Haisler, Chief Executive Officer. “Further, the installation and research collaboration at the Sakakibara Heart Institute will allow us to move forward with important applications in the field of nuclear cardiology.”

#### **About Spectrum Dynamics**

Spectrum Dynamics LLC, with offices in New York, California and research and development facilities in Caesarea, Israel is a pioneering medical device company focused on personalized molecular imaging and applications. Spectrum Dynamics will revolutionize the practice of nuclear cardiology, and eventually all nuclear medicine applications, by dramatically enhancing workflow and providing new clinical applications not possible with conventional technology. Additional information is available at [www.spectrum-dynamics.com](http://www.spectrum-dynamics.com)

#### **Statement**

This press release may contain forward-looking statements about Spectrum Dynamics, including projections about our business and the nuclear medicine market. Those forward-looking statements are not guarantees of future performance and actual results could differ.

#### **Contact:**

Spectrum Dynamics  
Josh Gurewitz  
Vice President of Sales & Marketing  
925.831.0515  
JoshG@spectrum-dynamics.com

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