



News Release

FOR IMMEDIATE RELEASE

SPECTRUM DYNAMICS ANNOUNCES A SIGNIFICANT ADVANCEMENT IN NUCLEAR CARDIOLOGY CLINICAL IMAGING AND WORKFLOW

Orangeburg New York, September 7, 2006 -- SPECTRUM DYNAMICS announced today that it will showcase the D-SPECT™ nuclear cardiology system at the American Society of Nuclear Cardiology Meeting. SPECTRUM DYNAMICS is an emerging leader developing and implementing molecular imaging technology and applications. This is the first time the company will demonstrate its product at a dedicated nuclear cardiology show. The D-SPECT system with BroadView™ Technology represents a breakthrough in almost every component of nuclear cardiology imaging workflow and diagnostics.

BroadView imaging technology provides significantly improved sensitivity by collecting photons using larger collection angles, a novel design of scanning solid state detectors and proprietary image reconstruction techniques. This technology has produced an imaging platform capable of acquiring patient data up to 10 times faster than a conventional sodium iodide based system, and with up to twice the resolution. “We have acquired multiple patient Gated SPECT studies with acquisition times of only two minutes and image quality equivalent to studies performed on conventional cameras with much longer acquisition times”, states Dr. Michael (“Miki”) Nagler, General Manager of SPECTRUM DYNAMICS.

The significant potential implications of this new technology include:

- Significantly shortened acquisition times for improved workflow
- Personalized scanning, taking into account unique patient physical and physiological characteristics, for improved image quality
- Improved count statistics in less imaging time leading to better image quality
- Improved patient comfort due to less camera time resulting in potentially less patient motion
- A reduction in radiation dose to the patient by using a lower dose of radiopharmaceutical without sacrificing image quality
- Simultaneous imaging of a combination of radiopharmaceuticals for an ultra-fast simultaneous dual isotope stress/rest study.

“We are very excited to be at our first ASNC Meeting. SPECTRUM DYNAMICS has developed groundbreaking technology and we are confident that the D-SPECT cardiac scanner will be extremely well received by the nuclear medicine marketplace” states Josh Gurewitz, Vice President of Marketing.

For more information about D-SPECT visit SPECTRUM DYNAMICS at booth #620 at the ASNC annual meeting.

SPECTRUM DYNAMICS, with offices in New York, California and research and development facilities in Haifa 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 can be found at www.spectrum-dynamics.com

This press release contains 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.

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