

LightLab Imaging Introduces World's Highest Resolution OCT System for Intracoronary Imaging at EUROPCR 2009

Launch of C7-XR™ FD-OCT Imaging System and Companion C7 Dragonfly™ Imaging Catheter Strengthen LightLab's Market Leadership

Westford, MA, May 14, 2009 -- LightLab Imaging Inc., the pioneer and leader in the development of Optical Coherence Tomography (OCT) for vascular and other applications, today announced the launch of its next-generation system, the C7-XR FD-OCT Imaging System with the C7 Dragonfly Imaging Catheter, at EuroPCR 2009, Barcelona, Spain, solidifying the company's leadership in the intracoronary OCT imaging product market.

The C7-XR FD-OCT Imaging System is the world's first approved Frequency Domain OCT product for intracoronary imaging, having received CE Mark in March 2009. The C7-XR FD-OCT Imaging System and C7 Dragonfly Imaging Catheter enables micron level resolution imaging of the coronary artery with the capability to scan a 40mm artery segment in less than 3 seconds with a single non-occlusive catheter.

Dr Francesco Prati, Ospedale San Giovanni, Rome commented, "The C7-XR system and C7 Dragonfly imaging catheter represent a significant step forward for intracoronary imaging. I am very pleased with the speed and simplicity of the imaging procedure and the improvements in image quality are truly impressive. I would expect frequency domain OCT to replace IVUS in many cases or centers."

"The launch of the C7-XR Imaging System and Dragonfly Catheter is an important milestone for LightLab Imaging, and represents years of successful collaboration with many of the world's leading interventionalists," said David Kolstad, President and CEO of LightLab Imaging. "The image quality is extraordinary, greatly enhancing ease of image interpretation. We are confident that it will quickly improve best practices for stent procedures and other intracoronary interventions."

About LightLab OCT

OCT generates intravascular images with a resolution up to 10 to 15 times greater than other clinically available imaging devices, including Intravascular Ultrasound (IVUS). With its higher resolution, OCT may reduce observer variability in all standard cross-sectional measurements.

The C7-XR system follows the M2x OCT Imaging System, LightLab's Time Domain OCT (TD-OCT) device, which is available in more than 20 countries worldwide. More than 10,000 patient intracoronary images have been taken since the company launched the M2x which, until the launch of the C7-XR FD-OCT Imaging System, was the only commercially available intracoronary OCT imaging device in the world.

The C7-XR system further advances LightLab's product offering by providing a system that is 10 times faster, and of even higher resolution. These advances permit high speed, non-occlusive imaging of coronary vasculature at extremely high resolution. A single catheter design obtains images of the coronary anatomy with extraordinary image quality in mere seconds.

About LightLab Imaging, Inc.

LightLab Imaging Inc. is the pioneer and leader in the development of Optical Coherence Tomography (OCT) for vascular and other applications. With a proprietary platform and catheter technologies protected by over 50 patents, OCT is a high-resolution imaging modality that applies advanced photonics to medical imaging. With the ability to resolve real-time images to 15 micrometers, the LightLab Imaging OCT Imaging Systems offer physicians more information, and more precise information, than ever before available. LightLab's products are presently not available for sale in the United States. For more information, visit www.lightlabimaging.com.

For more information, please contact

Craig Kelley
LightLab Imaging, Inc.
978-399-1040

Media

Steve DiMattia, 646-201-5445