The Wisconsin Heart Hospital Becomes the World's First to Use the Leonardo 3D Visionâ„¢ System

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WAUWATOSA, Wis., Feb. 21, 2012 /PRNewswire/ -- 3D Surgical Solutions, LLC and Wheaton Franciscan-The Wisconsin Heart Hospital Campus announced that the first case ever using the *Leonardo 3D Vision*™ System was successfully conducted in a surgical robotic procedure. This revolutionary system provides stereoscopic 3D visualization to personnel at the bedside -- as well as the entire surgical robotic team -- during the surgery. The *Leonardo 3D Vision*™ System was used in conjunction with the daVinci® Surgical System (Intuitive Surgical®).

"Today's case demonstrates a culmination of years of research and development that bring a new level of 3D visualization to the operating room," said Dr. Husam Balkhy, Chairman, Cardiothoracic Surgery, and Director, Center for Robotic and Minimally Invasive Cardiac Surgery at The Wisconsin Heart Hospital.

Dr. Balkhy and his medical team utilized the *Leonardo 3D Vision*™ System while performing a beating heart Totally Endoscopic Coronary Artery Bypass (TECAB). This event marks a major milestone in the expansion of stereoscopic 3D visualization within the robotic and video-assisted surgical fields and is a breakthrough in the availability of high-quality surgical imaging. This technology can be used with other cases using the daVinci® Surgical System, including urology and gynecology procedures.

"For me, having such wonderfully crisp 3D images to work with is exciting and extremely helpful," added Dorothy Krienbring, Dr. Balkhy's first assistant. "It allows me to introduce instruments and supplies into the chest with safety and with much more accuracy. Using this system allows all of us to see the anatomy in spectacular detail. The Leonardo system is a major step forward in the field of endoscopic surgery."

In addition, the Atlanticus 3D Recorder™ (a component of the *Leonardo 3D Vision*™ System) was used during the case to di
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Links:
[1] http://www.bio-medicine.org/medicine-technology-1/The-Wisconsin-Heart-Hospital-Becomes-the-Worlds-First-to-Use-the-Leonardo-3D-Vision-u2122-System-24171-1/