



Product Information

FOR IMMEDIATE RELEASE

Robotic Patient Positioning System Adds Value and Accuracy

Boca Raton Regional Hospital Treats Over 100 Patients Annually with CIVCO's Protura™

Kalona, Iowa, USA – Lynn Cancer Institute at Boca Raton Regional Hospital has established itself as a premier Protura user. Medical Director Dr. Tim Williams and his team have treated over 100 patients using Protura, and the team is presenting a poster titled “Clinical Efficacy of Using KV—CBCT Imaging Guided 6D Robotic Couch in Lung SBRT” at the 2011 AAPM conference.

Williams has a high level of confidence in treating with Protura. “The Protura table allows correction in pitch, roll and yaw adding a new level of precision in treatment setup for high-precision SBRT and SRS,” said Williams. “At least 50% of our patients will have a correction in one of these dimensions, and in our program having a full six degrees of alignment correction is essential for delivering these treatments safely and accurately.”

Protura has provided the center with additional confidence and the ability to treat the most challenging cases. “The Protura 6D table has provided us with more accurate positioning during patients’ setup, hence more confidence in the precision on delivered treatments,” said Charles Shang, M.S., B.MED, D.ABR, Director of Medical Physics, Lynn Cancer Institute at Boca Raton Regional Hospital. “We were particularly pleased with the fact that we were able to fine tune ‘roll, pitch and rotate’ without reentering the room. For some challenging cases, such as intracranial and spinal SRS where rotations became particularly crucial, this system has demonstrated its unique advantages. We have analyzed more than 40 setups of lung SBRT, and found more than 57% of them need at least 1.0 degree corrections in either pitch or roll rotation. Compared with manual setups, the 6D automated robotic table increased our patient setup efficiency when non-translational correction is warranted.”

CIVCO currently has 14 robotic systems installed in four countries, with several pending installation. “As cancer centers continue to adopt more advanced imaging modalities, they gain the ability to visualize anatomy more precisely,” said Eric Knipfer, CIVCO’s Director of Business Development for Protura. “By adding Protura, clinicians are able to take full advantage of the robotics platform by treating at sub-millimeter accuracy. We have seen the clinical advantages not just in SBRT cases but also in standard IMRT. I am excited to see the increases in accuracy and efficiency along with the improved clinical workflow robotics adds to these programs.”

“During the past year, we have had the opportunity to work closely with the staff at Lynn Cancer Institute and they have established themselves as a premier Protura user,” said Mike Saracen, Vice President of Advanced Robotics & IGRT Solutions at CIVCO. “Improving clinical workflow, accuracy and efficiency have been primary goals of UCT and Protura. It is great to see clinics realizing immediate benefits from our advanced products.”

For more information about Protura and CIVCO, visit us at AAPM booth #817 or at www.CIVCO.com.

About CIVCO

CIVCO Medical Solutions has over 30 years of experience and offers cutting-edge medical technology to a diverse group of medical professionals. The Multi-Modality Imaging (MMI) unit designs and manufactures accessories for use in diagnostic and therapeutic imaging and interventional procedures, with a strong focus on ultrasound. MMI’s products range from infection control products including a wide range of ultrasound and CT covers to device guidance, positioning and electromagnetic needle tracking. CIVCO’s Radiation Oncology division designs and manufactures products for radiation oncology treatment, including basic patient positioning equipment as well as high technology robotic motion management and advanced patient positioning for SBRT. CIVCO offers patients and clinicians the newest and best technology available to improve patient care.

Corporate information is available at www.CIVCO.com.

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