Boca Raton Regional Hospital Treats Over 100 Patients Annually with CIVCO's Proturaâ„¢

Bio-Medicine.Org

KALONA, Iowa, July 27, 2011 /PRNewswire/ -- 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.

(Logo: http://photos.prnewswire.com/prnh/20110419/AQ85801LOGO [1])

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."

'/>"/>

SOURCE [2]

Source URL (retrieved on *03/10/2014 - 6:32am*):
http://www.mdtmag.com/news/2011/07/boca-raton-regional-hospital-treats-over-100-patients-annually-civcos-protura%C3%A2%E2%80%9E%C2%A2

Links:
[1] http://photos.prnewswire.com/prnh/20110419/AQ85801LOGO
[2] http://www.bio-medicine.org/medicine-technology-1/Boca-Raton-Regional-

Hospital-Treats-Over-100-Patients-Annually-with-CIVCOs-Protura-u2122-19092-1/