



**Presentations and Posters Relating to
TomoTherapy® Radiation Treatments
ASTRO 2006**

Presentations

No.	Title	Day	Time
TR005	Rock Mackie High Precision Radiotherapy, IMRT and Tomotherapy – Rock Mackie (Radiation Research Society Meeting)	Monday, Nov. 6 th	8:00 am
180	Sanford Meeks Scientific Session Q "Deformable Image Registration and Replanning in Head and Neck Radiotherapy for Optimization of Parotid Sparing"	Nov 7	1:45 pm

Posters

No.	Title
2031	Bassam Abdulkarim Skin Sparing Radiation Approach Using Helical Tomotherapy without compromising target coverage in early breast cancer after lumpectomy
2037	Stewart Becker Accelerated partial breast irradiation with helical TomoTherapy: Prone or Supine setup?
2047	Douglas Burch Partial breast irradiation with helical TomoTherapy using RTOG 0413 Planning constraints
2082	Timothy Holmes Stereotactic Radiosurgery using the TomoTherapy Hi·Art II
2084	Masayuki Matsuo Intensity Modulated TomoTherapy with Stereotactic Radiosurgery for brain tumors: validation of a value of C11-methionine-PET images in treatment planning
2237	Katja Langen Daily Variations in Delivered Doses in Patients Treated With Radiotherapy for Localized Prostate Cancer
2276	Kellie Knight Daily Image Guided Radiation Therapy for Prostate Cancer: An assessment of Treatment Plan Reproducibility
2303	Snehal Desai Image guided intensity modulated radiation therapy (IG-IMRT) with helical TomoTherapy for prostate cancer – importance of patient registration for alignment
2387	Lisa Forrest Ocular sparing using image guided helical TomoTherapy (IGHT) in spontaneous Sino- nasal tumors in dogs

2411	Elantholi Saibishkumar Sparing both parotids and submandibular gland by combining submandibular gland transfer procedure and helical TomoTherapy in head and neck cancer patients undergoing post-operative radiation.
2444	Gopal Bajaj Megavoltage CT Assessment of Volume Changes in Target and Non-target Tissues of the Head and Neck Over a Standard Course of Therapy
2469	Gregory Videtic IMRT-based Stereotactic Body Radiotherapy for Medically Inoperable Earlystage Lung Cancer: Excellent Local Control
2507	Kevin Franks A Comparison of Helical and 4D-CT Derived Treatment Plans for Lung Stereotactic Body Radiotherapy
2515	Lane Rosen Fractionated image guided intensity modulated Radiosurgery (IG-IMRS) for early-stage lung cancer or metastatic disease to the lung using helical TomoTherapy (TARGET Lung Protocol)
2566	Glenn Stuart Bauman Helical Tomotherapy for palliative radiotherapy: a prospective trial
2720	Weiguo Lu Real-time Respiration Monitoring Via IMRT Treatment Beam and 4D-CT
2730	Gustavo Olivera A "3.5-D" Strategy for Motion Management
2739	X. Li Inter-fractional variations in patient setup and anatomic change assessed by daily CT for helical Tomotherapy
2740	Yi-Jen Chen Evaluation of Setup Variations in the Treatment of Esophageal Cancer Using Daily MVCT Localization
2741	Chunhui Han Image guidance analysis of translations, rotations and organ motion in prostate and head and neck cancer treatments using the helical TomoTherapy system
2753	Thomas Wagner Feasibility of Image guided helical Tomotherapy for frame-based Stereotactic Radiosurgery
2756	Chester Ramsey An Analysis of Head and Neck Immobilization Using Pretreatment CT-based Image Guidance
2765	Ken Ruchala An Online Dose Guided Adaptive Approach for Prostate Patient Positioning
2772	Steven Lin Comparison of daily couch shifts using MVCT (TomoTherapy) and B-mode Ultrasound (BAT system) during prostate radiotherapy
2795	Quan Chen Use of Daily CT-based Deformable Registration to Track Lung Daily Tumor Volumes and Position
2809	Michael Tomblyn Craniospinal radiation delivered by helical TomoTherapy: a Dosimetric Study

2814	Fanqing Guo Prostate DVH benchmark study with helical TomoTherapy
2821	Claus Chunli Yang IMRT for nasopharyngeal cancers: potential advantages for using helical TomoTherapy
2840	Jasper Yuen Comparing two strategies of dynamic intensity modulated radiation therapy (dIMRT) using helical TomoTherapy (HT) with 3-dimensional conformal radiation therapy (3d-CRT) in the setting of hypofractionated treatment of the pelvic nodal basin in high-risk Pro
2872	Paul Jursinic Daily quality assurance tool and procedures for TomoTherapy