

Friday, March 26, 2010

GENERAL SESSION

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| 7:00 – 7:30am | Thomson, Euan
Accuray Update |
| 7:30 – 8:15am | The CyberKnife Society Board of Directors
Welcome and Opening Comments |
| | Break for Room Change |

PHYSICS SESSION

Opening

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| 8:15 – 8:25am | Dieterich, Sonja / Drexler, Christian / Meskell, Paul
Opening Remarks |
| 8:25 - 8:40am | Drexler, Christian
Physics User Group Update |
| 8:40 - 9:05am | Dieterich, Sonja
Refresher Lecture: CyberKnife Dosimetry - When It Comes to Small Fields |

Quality Assurance

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| 9:05 - 9:23am | Schreiber, Eric
Interfraction Dose Variation Resulting from Anatomic Deformation in CyberKnife Prostate Radiosurgery |
| 9:23 - 9:41am | Drexler, Christian
Robotic Specific Quality Assurance for the CyberKnife System |
| 9:41 - 10:00am | Chu, Colin
Practical Approaches to CyberKnife System and Patient Specific Quality Assurance |
| 10:00 - 10:15am | Break |

Planning, Dose Calculation and Dosimetry

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| 10:20 – 10:38am | van de Water, Steven
Reducing Treatment Time in Robotic Radiosurgery: Comparison of Node Reduction Techniques |
| 10:38 – 10:56am | Wessels, Barry
Use of the Linear Quadratic Model to Constrain Normal Organ Tolerance Doses in Hypofractionated CyberKnife Treatment Planning |
| 10:56 – 11:14am | Nikesch, Walter
High Speed Direct SAD Radiosurgery Beam Scanner |
| 11:14 – 11:32am | Ma, Lijun
A Treatment Planning Optimization Technique for Improving Multiple Metastatic Brain Lesion Treatments with CyberKnife Radiosurgery |
| 11:32 – 11:50am | Pontoriero, Antonio
Treatment of Spinal Metastases Combining Double Target with Dynamic Collimator and Prone Position: A Technical Note |
| 11:50 – 12:00pm | Survey Session I |
| 12:00 – 1:00pm | Lunch |

Tracking and Targeting

1:00 – 1:25pm	Fürweger, Christoph Refresher Lecture: CyberKnife Calibration
1:25 – 1:43pm	Salmon, Howard Evaluating the Effects of Patient Body Size on Xsight Lung Tracking
1:43 – 2:01pm	Fürweger, Christoph Enhanced Xsight Spine Tracking: Improvements in Accuracy of Skeletal Structure Tracking
2:01 – 2:19pm	Yang, Jun Treatment of Lung Tumors with Xsight Spine Tracking
2:19 – 2:37pm	Descovich, Martina Does Prone Setup Provide Dosimetric Advantages in the Treatment of Spine Lesions?
2:37 – 3:00pm	Panel Discussion Topic TBD
3:00 – 3:15pm	Break

Closing

3:15 – 3:25pm	Vote Voting for best presentation
3:25 – 4:05pm	Tips and Tricks Sequential Optimization 1 Case, 3 Sites Plans
4:05 – 4:15pm	Survey Session II
4:15 – 4:30pm	Closing Comments

RETURN TO CLINICAL SESSION

Thoracic

4:30 – 4:40pm	Nuyttens, Joost Implementing Monte Carlo Dose Calculation in the Treatment of Non-Small Cell Lung Cancer: Clinical Consequences
4:40 – 4:50pm	Alpert, Tracy CyberKnife Radiosurgery with Fiducial Tracking or Xsight Lung: Initial Results for Early Stage Medically Inoperable Non-Small Cell Lung Cancer
4:50 – 5:00pm	Bondiau, Pierre-Yves Factors Affecting Early Tumor Response in Primary and Secondary Adenocarcinomas and Epitheliomas Treated by Robotic Stereotactic Body Radiotherapy
5:00 – 5:10pm	All Speakers - Thoracic Q & A

Protocol Development Meeting

5:10 – 5:20pm	Bucholz, Richard and Muacevic, Alexander Protocol Development Committee Opening Statement
5:20 – 5:30pm	Aronovitz, Joseph Prospective Evaluation Of Combined External Beam And CK SRS Boost For Intermediate And High Risk Prostate Cancer, With Concurrent And Adjuvant Hormonal Therapy Used For High Risk Disease

5:30 – 5:40pm	Kufeld, Markus Single Session Treatment of Lung Tumors
5:40 – 5:50pm	Mahadevan, Anand Stereotactic Body Radiotherapy for Primary Liver Tumors
5:50 – 6:20pm	Protocol Discussion

EVENING EVENT

6:30 – 7:30pm	Poster Reception
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Saturday, March 27, 2010

PERFORMANCE IMPROVEMENT SESSION

9:00 – 9:15am	Kresl, John Opening Remarks
9:15 – 10:30am	Case Studies by Various Presenters
10:30 – 10:45am	Break
10:45 – 12:45pm	Case Studies by Various Presenters
12:45 – 1:00pm	Meeting Close