

Listing of Plenary, Oral and Poster Presentations of the Abstracts of the 2016 World Congress of Brachytherapy

PLENARY SESSION
Tuesday, June 28, 2016
1:15 PM - 2:15 PM

PL01 Presentation Time: 1:25 PM

Image Guided Brachytherapy in Cervical Cancer: A Comparison between Intracavitary and Combined Intracavitary/Interstitial Brachytherapy in Regard to Doses to HR CTV, OARs and Late Morbidity - Early Results from the Embrace Study in 999 Patients

Israël Fortin, CHUM

PL02 Presentation Time: 1:30 PM

Low-Energy Brachytherapy Sources for Pelvic Sidewall Treatment
Mark Rivard, Tufts University School of Medicine

PL03 Presentation Time: 1:45 PM

Improved Survival with Brachytherapy as a Component of Definitive Therapy for Favorable High-Risk Prostate Cancer
Matthew Jackson, University of Colorado Cancer Center

PL04 Presentation Time: 2:00 PM

Accelerated Partial Breast Irradiation (APBI) Using Sole Interstitial Multicatheter Brachytherapy - GEC-ESTRO Phase III Non-Inferiority Trial: Subanalysis of 5-Year Results Reflecting Current GEC-ESTRO and ASTRO Recommendations for Patient Selection
Vratislav Strnad, University Hospital Erlangen

PROSTATE PROFFERED PAPERS I

Monday, June 27, 2016
9:00 AM - 10:15 AM

PP01 Presentation Time: 9:00 AM

The Declining Use of Brachytherapy Boost for Prostate Cancer Despite Associated Survival Advantage
Scott Glaser, University of Pittsburgh Cancer Institute

PP02 Presentation Time: 9:09 AM

Comparing Academic and Non-Academic Treatment Trends for Unfavorable Risk Localized Prostate Cancer: Are We Prepared to Boost Our Academic Standard?
Peter Orio, Dana Farber/Brigham and Women's Cancer Center

PP03 Presentation Time: 9:18 AM

Multiparametric MRI Guided Salvage Low Dose Rate Brachytherapy for Locally Recurrent Prostate Cancer - The 15 Year Richmond Experience
Drew Moghanaki, Hunter Holmes McGurie VA Medical Center

PP04 Presentation Time: 9:27 AM

Improved 10 Year Outcome for Prostate Cancer Patients Receiving High-Dose-Rate (HDR) Brachytherapy Boost to External Beam Radiotherapy (EBRT) Compared with EBRT Alone
Aaron Kent, The Alfred Hospital

PP05 Presentation Time: 9:36 AM

Low-Dose-Rate Brachytherapy for Low- and Intermediate-Risk Prostate Cancer: A Dose-Response Analysis for 3392 Consecutive 125-Iodine Monotherapy Patients
Ingrid Spadinger, Vancouver Cancer Centre

PP06 Presentation Time: 9:45 AM

Prospective Cohort of Permanent Seed Implantation Prostate Brachytherapy for Intermediate Risk Prostate Cancer: Patient Reported Outcomes and Comparison of Toxicity Profiles between 125-iodine, 131-cesium and 103-palladium
Pierre Blanchard, MD Anderson Cancer Center

PP07 Presentation Time: 9:54 AM

Long Term PSA Stability and Predictive Factors of Failure after Permanent Seed Prostate Brachytherapy
Audrey Tetreault-Laflamme, BC Cancer Agency

PHYSICS SNAP ORALS (E-POSTER)

Monday, June 27, 2016
1:00 PM - 2:30 PM

PHSOR1 Presentation Time: 1:00 PM

Calibration of a New Directional Pd-103 Source
Wesley Culberson, University of Wisconsin - Madison

PHSOR2 Presentation Time: 1:05 PM

Development of a New Primary Standard for the Realization of the Absorbed Dose to Water for Electronic Brachytherapy X-ray Sources
Thorsten Schneider, Physikalisch-Technische Bundesanstalt

PHSOR3 Presentation Time: 1:10 PM

Automating Position and Timing Quality Assurance for High Dose Rate Brachytherapy Using Radioluminescent Phosphors and Optical Imaging

Cesare Jenkins, Stanford University

PHSOR4 Presentation Time: 1:15 PM

Standardization and Automation of Quality Assurance for High Dose Rate Brachytherapy Planning Utilizing the API within Brachyvision

Bin Cai, Washington University School of Medicine

PHSOR5 Presentation Time: 1:20 PM

Toward a Deformable 3D Dosimeter for Plan Verification of Multi-Modality Treatments

Devin Miles, Duke University

PHSOR6 Presentation Time: 1:25 PM

In Vivo Rectal Wall Dosimetry in Gynecological HDR Brachytherapy Using a Semi-Flexible Rectal Probe Provided with MOSkin Dosimeters

Chiara Tenconi, Fondazione IRCCS Istituto Nazionale dei Tumori

PHSOR7 Presentation Time: 1:30 PM

Building a Culture of Safety in Brachytherapy Using an Incident Learning System, Quantitative Analysis of 8 Years of Data

Christopher Deufel, Mayo Clinic

PHSOR8 Presentation Time: 1:35 PM

Tumor Apex Dose Uncertainty Analysis for Ocular Plaque Brachytherapy

Hali Morrison, University of Alberta

PHSOR9 Presentation Time: 1:40 PM

Pre- and Post-Implant MRI for Ocular Melanoma Brachytherapy

Jacqueline Zoberi, Washington University School of Medicine

PHSOR10 Presentation Time: 1:45 PM

A Modified TG-43 Dose Calculation Formalism for Direction Modulation Brachytherapy (DMBT) Tandem Applicator

Habib Safigholi, Sunnybrook Health Sciences Centre, University of Toronto

PHSOR11 Presentation Time: 1:50 PM

Dosimetric Comparison between MAR and Non MAR CT Based HDR Endorectal Brachytherapy Using Shielded Intracavitary Mould Applicator

W. Y. Lee, Tuen Mun Hospital

PHSOR12 Presentation Time: 1:55 PM

Monte Carlo Dose Calculations for Permanent Prostate Brachytherapy: Calcification Modelling Schemes and Sensitivity to Tissue Compositions

Nelson Miksys, Carleton University

PHSOR13 Presentation Time: 2:00 PM

On the Dosimetric Effect of Heterogeneities and Finite Patient Dimensions on ⁶⁰Co HDR Brachytherapy

Kyveli Zourari, National and Kapodistrian University of Athens

PHSOR14 Presentation Time: 2:05 PM

Clinical Use of a Novel Balloon Based Esophageal Brachytherapy Applicator

Gilad Cohen, MSKCC

PHSOR15 Presentation Time: 2:10 PM

Transrectal Ultrasound for Cervix Cancer Brachytherapy: Combining Ultrasound-Based Target Definition and CT-Based Treatment Planning

Nicole Nesvacil, Comprehensive Cancer Center, Medical University of Vienna

PHSOR16 Presentation Time: 2:15 PM

Potential Added Value of Structure-Based Deformable Image Registration for Dose Accumulation in External Beam Radiotherapy and Brachytherapy in Cervical Cancer

Laura van Heerden, Academic Medical Center

PHSOR17 Presentation Time: 2:20 PM

Evaluation of an Automated Deformable Registration Algorithm for MRI-Guided Focal Boost Integrated with Ultrasound-Based High-Dose Rate Brachytherapy in the Treatment of Prostate Cancer

Joelle Helou, University of Toronto

PHYSICS PROFFERED PAPERS

Monday, June 27, 2016

2:30 PM - 3:30 PM

PP08 Presentation Time: 2:30 PM

Dosimetry and Commissioning of a Directional Pd-103 Brachytherapy Source

Mark Rivard, Tufts University School of Medicine

PP09 Presentation Time: 2:39 PM

Real-Time EM-Tracking Based Treatment Platform for High Dose Rate Prostate Brachytherapy: End-to-End Validation and Clinical Workflows

Luc Beaulieu, CHU de Québec and Université Laval

PP10 Presentation Time: 2:48 PM

Treatment Delivery Error Trapping in HDR Brachytherapy

Ryan Smith, The Alfred Hospital

PP11 Presentation Time: 2:57 PM

Assessment of the Implant Geometry in Fractionated Interstitial HDR Breast Brachytherapy

Markus Kellermeier, University Clinic Erlangen

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