

## Listing of Plenary, Oral and Poster Presentations of the 35th Annual Meeting of the American Brachytherapy Society

**PLENARY SESSION**  
Friday, April 4, 2014  
11:15 AM - 12:15 PM

**PL01 Presentation Time: 11:15 AM**

**Interstitial Multi-Catheter Brachytherapy for Breast Cancer: A Multi-Institutional Study**  
*Mitchell Kamrava, MD. Radiation Oncology, University of California Los Angeles, Los Angeles, CA.*

**PL02 Presentation Time: 11:30 AM**

**A Deformable Image Registration Method for Dose Accumulation between HDR CT Images**  
*Xin Zhen, PhD. Biomedical Engineering, Southern Medical University, Guangzhou, China.*

**PL03 Presentation Time: 11:45 AM**

**Trends in the Utilization of Brachytherapy Boost in Vaginal Cancer in the United States**  
*Man (Karen) Xu, BS. Radiation Oncology, University of Pittsburgh Cancer Institute, Pittsburgh, PA.*

**PL04 Presentation Time: 12:00 PM**

**Aging Effect and Long-Term Erectile Function following I-125 Permanent Prostate Brachytherapy**  
*Mira Keyes, MD, FRCPC. Radiation Oncology, BC Cancer Agency, Vancouver, BC, Canada.*

**BREAST ORAL**  
Thursday, April 3, 2014  
10:45 AM - 11:45 AM

**OR01 Presentation Time: 10:45 AM**

**The Evolution of Accelerated Partial Breast Irradiation: Comparative Analysis of Clinical Outcomes with Interstitial vs Balloon-Based Treatment**  
*Peter Y. Chen, MD, FACR. Radiation Oncology, Beaumont Health System, Royal Oak, MI.*

**OR02 Presentation Time: 10:54 AM**

**The Cost of Convenience: A Cost-Comparison Analysis Comparing External Beam Radiation Therapy, High-Dose-Rate Brachytherapy and Permanent Seed Implants for Early Stage Breast Cancer**

*Merrylee A. McGuffin, MSc, BSc, MRT(T). Odette Cancer Centre, Sunnybrook Health Sciences Centre, Toronto, ON, Canada.*

**OR03 Presentation Time: 11:03 AM**

**A Novel Approach for Real-Time, Personalized Breast HDR Brachytherapy Treatment Using 3D Printing Technology**  
*Eric Poulin, MSc. Radio-Oncologie, Centre Hospitalier Universitaire de Quebec, Québec, QC, Canada.*

**OR04 Presentation Time: 11:12 AM**

**Recurrence Rates by Age Stratification for Accelerated Partial Breast Irradiation Using Strut-Based Brachytherapy in Ductal Carcinoma In Situ Patients: A Report on 284 Patients**  
*John P. Einck, MD. Radiation Medicine and Applied Sciences, University of California, San Diego, La Jolla, CA.*

**OR05 Presentation Time: 11:21 AM**

**Update on a Multi-Institutional Study of Noninvasive Breast Brachytherapy for Tumor Bed Boost: Cosmesis and Tumor Control**  
*Jessica M. Schuster, MD. Radiation Oncology, Virginia Commonwealth University, Richmond, VA.*

**OR06 Presentation Time: 11:30 AM**

**Dosimetric Comparison of Multi-Channel Balloon Catheter HDR Brachytherapy to 50kv X-Rays as Techniques for Intraoperative Radiation Therapy**  
*Bruce Libby, PhD. Radiation Oncology, University of Virginia, Charlottesville, VA.*

**MISCELLANEOUS ORAL**  
Thursday, April 3, 2014  
2:00 PM - 3:00 PM

**OR07 Presentation Time: 2:00 PM**

**Local Control Outcomes Using the <sup>32</sup>P Intraoperative Brachytherapy Plaque in the Management of Malignant Lesions of the Spine Involving the Dura**  
*Michael R. Folkert, MD, PhD. Radiation Oncology, Memorial Sloan-Kettering Cancer Center, New York, NY.*

**OR08 Presentation Time: 2:09 PM**

**Yttrium-90 Microsphere Brachytherapy for Liver Metastases from Uveal Melanoma**

Harriet B. Eldredge-Hindy, MD. Radiation Oncology, Thomas Jefferson University, Philadelphia, PA.

Nels Knutson, MS. Washington University School of Medicine, St. Louis, MO.

---

**OR09 Presentation Time: 2:18 PM**

**The Role of Brachytherapy in Organ Preservation for Penile Cancer: A Meta-Analysis and Systematic Review of the Literature**  
Shaakir Hasan, BS. College of Osteopathic Medicine, Nova Southeastern University, Fort Lauderdale, FL.

---

**OR17 Presentation Time: 3:57 PM**

**Towards Accurate OAR Dose Accumulation in Cervix Brachytherapy: Applying a Non-Rigid Point Matching Method for Bladder Deformation**  
Xin Zhen, PhD. Biomedical Engineering, Southern Medical University, Guangzhou, China.

---

**OR10 Presentation Time: 2:27 PM**

**A Robust Workflow of a Multidisciplinary Team-Involved Radiation Therapy Procedure – A Case in Yttrium-90 Microsphere Radioembolization**  
Bin Cai, PhD. Radiation Oncology, Washington University in St. Louis, St. Louis, MO.

---

**OR18 Presentation Time: 4:06 PM**

**Pd-103 Strings: A New Approach to Brachytherapy Source Design**  
Mark J. Rivard, PhD. Radiation Oncology, Tufts University School of Medicine, Boston, MA.

---

**OR11 Presentation Time: 2:36 PM**

**The Investigation of 125I Seed Implantation as a Salvage Modality for Unresectable Pancreatic Carcinoma**  
Hao Wang, Doctor. Radiation Oncology, Peking University Third Hospital, Beijing, China.

---

**OR19 Presentation Time: 4:15 PM**

**A Novel Algorithm Accounting for Inter-Seed Attenuation Effect in Brachytherapy Treatment Planning Systems by Monte Carlo and Artificial Neural Networks**  
Habib Safigholi, PhD. Ray Medical and Biomedical Engineering, Science and Research Branch, Islamic Azad University, Fars, Persepolis - Shiraz, Iran, Islamic Republic of.

---

**OR12 Presentation Time: 2:45 PM**

**The American Brachytherapy Society (ABS) Consensus Guidelines for Plaque Brachytherapy of Uveal Melanoma and Retinoblastoma**  
Paul T. Finger, FACS. Ocular Tumor, Orbital Disease and Ophthalmic Radiation Therapy, New York Eye Cancer Center, New York, NY.

---

**OR20 Presentation Time: 4:24 PM**

**Monte Carlo Simulation of HDR Ir-192 Brachytherapy Cancer Treatments**  
Gabriel P. Fonseca, MSc<sup>1,2</sup>. <sup>1</sup>Centro de Engenharia Nuclear, Instituto de Pesquisas Energéticas e Nucleares, São Paulo, Brazil, <sup>2</sup>Radiation Oncology, Maastricht Clinic, Maastricht, Netherlands.

---

**OR13 Presentation Time: 2:54 PM**

**Numerical Comparison between High-Dose-Rate Brachytherapy and Electron Beam Therapy in Cutaneous Oncology**  
Ivan Buzurovic, PhD. Radiation Oncology, Dana-Farber/Brigham and Women's Cancer Center, Harvard Medical School, Boston, MA.

---

**OR21 Presentation Time: 4:33 PM**

**Dynamic Modulated Brachytherapy for Cervical Cancer**  
Dae Yup Han, MSc. Radiation Medicine and Applied Sciences, University of California, San Diego, San Diego, CA.

**PHYSICS ORAL**  
Thursday, April 3, 2014  
3:30 PM - 5:00 PM

---

**OR14 Presentation Time: 3:30 PM**

**Generalized Equivalent Uniform Dose To Evaluate Overall OAR Doses of EBRT and 3D Image-Guided Adaptive HDR Brachytherapy for Cervical Cancer**  
Yusung Kim, PhD. Radiation Oncology, University of Iowa, Iowa City, IA.

---

**OR22 Presentation Time: 4:42 PM**

**Measurement and Comparison of Surface Dose Outside Treatment Area for Different Radiation Treatment Modalities in Breast Cancer Patients Using Thermoluminescence Dosimeters**  
Suraj Prasad Khanal, Master in Medical Physics. Physics, Florida Atlantic University, Boca Raton, FL.

**GYNECOLOGY ORAL**  
Friday, April 4, 2014  
8:00 AM - 9:30 AM

---

**OR15 Presentation Time: 3:39 PM**

**Dosimetric Characteristics of a New Unit for Electronic Skin Brachytherapy**  
Teresa Garcia-Martinez, Medical Physicist. Radiotherapy Oncology, Hospital Universitario y Politécnico La Fé, Valencia, Spain.

---

**OR23 Presentation Time: 8:00 AM**

**3D Conformal Brachytherapy for Inoperable Endometrial Carcinoma: Discrepancies Between CTV EQD2 Values and Local Control**  
Beant S. Gill, MD. Radiation Oncology, University of Pittsburgh Cancer Institute, Pittsburgh, PA.

---

**OR16 Presentation Time: 3:48 PM**

**Evaluation of Treatment Plan Robustness to Changes in Treatment Geometry for Strut Adjusted Volume Implant Breast Brachytherapy**

---

**OR24 Presentation Time: 8:09 AM**

**MRI Immediately before Cervical Cancer Brachytherapy and Impact on Dosimetric Values Compared to CT or MRI During Brachytherapy**

Download English Version:

<https://daneshyari.com/en/article/6189446>

Download Persian Version:

<https://daneshyari.com/article/6189446>

[Daneshyari.com](https://daneshyari.com)