

Academic Activities, Grants and Accolades in Radiation Oncology

Residents 2016

PUBLISHED PAPERS/MONOGRAMS:

1. Berriochoa C, Ward MC, Weller MA, Holliday E, Kusano A, Thomas CR, Tendulkar RD. Applicant Interview Experiences and Post-Interview Communication of the 2016 Radiation Oncology Match Cycle. *Int J Radiat Oncol Biol Phys* 96:514-520, 2016.
2. Berriochoa C, Videtic GM, Woody NM, Djemil T, Zhuang T, and Stephans KL. Stereotactic Body Radiotherapy for T3N0 Lung Cancer with Chest Wall Invasion. *Clin Lung Cancer*. 17(6):595-601, 2016.
3. Bhateja P, Ward MC, Hunter GH, Greskovich JF, Reddy CA, Nwizu TI, Lamarre E, Burkey BB, Adelstein DJ, Koyfman SA. Impaired vocal cord mobility in T2N0 glottic carcinoma: Suboptimal local control with Radiation alone. *Head Neck*. 2016 Jun 14
4. Guo S, Balagamwala EH, Reddy C, Elson P, Suh JH, Chao, ST. Clinical and Radiographic Outcomes From Repeat Whole-brain Radiation Therapy for Brain Metastases in the Age of Stereotactic Radiosurgery. *Am J Clin Oncol* 39(3): 288-293, 2016.
5. Hearn JWD, AbuAli G, Reichard CA, Reddy CA, Magi-Galluzzi C, Chang KH, Carlson R, Rangel L, Reagan K, Davis BJ, Karnes J, Kohli M, Tindall D, Klein EA, Sharifi N. HSD3B1 and Resistance to Androgen Deprivation Therapy in Prostate Cancer: A Multi-Cohort Study. *Lancet Oncol* 2016.
6. Joshi NP, Shah C, Kotecha R, Murphy ES, Chao ST, Rasmussen PA, Suh JH. Contemporary management of large-volume arteriovenous malformations: a clinician's review. *J. Radiat Oncol* 5:239, 2016.
7. Juloori A, Shah C, Stephans K, Vassil A, Tendulkar R. Evolving Paradigm of Radiotherapy for High-Risk Prostate Cancer: Current Consensus and Continuing Controversies. *Prostate Cancer* 2016; 2016:2420786.
8. Kotecha R, Djemil T, Tendulkar RD, Reddy CA, Thousand RA, Vassil A, Stovsky M, Klein EA, Stephans KL. Dose-Escalated Stereotactic Body Radiation Therapy for Patients with Intermediate- and High-Risk Prostate Cancer: Initial Dosimetry Analysis and Patient Outcomes. *Int J Radiat Oncol Biol Phys* 95(3): 960-964, 2016.
9. Kotecha R, Modugula S, Murphy ES, Jones M, Reddy CA, Suh JH, Barnett GH, Neyman G, Machado A, Nagel S, Chao ST. Trigeminal Neuralgia Treated With Stereotactic Radiosurgery: The Effect of Dose Escalation on Pain Control and Treatment Outcomes. *Int J Radiat Oncol Biol Phys* 96:142-148, 2016.
10. Koyfman SA, Reddy CA, Hizlan S, Leek AC, Kodish AE, Phase I Informed Consent (POIC) Research Team. Informed consent conversations and documents: A quantitative comparison. *Cancer* 122(3):464-9, 2016.
11. Koyfman SA, Cooper JS, Beitler JJ, Busse PM, Jones CU, McDonald MW, Quon H, Ridge JA, Saba NF, Salama JK, Siddiqui F, Smith RV, Worden F, Yao M, Yom SS. ACR Appropriateness Criteria® Aggressive Nonmelanomatous Skin Cancer of the Head and Neck. *Head Neck* 38(2): 175-82, 2016.
12. Miller JA, Balagamwala EH, Mohammadi A, Mekhail N, Suh JH, Chao ST. Pain Flare and Vertebral Fracture following Spine Stereotactic Radiosurgery for Metastatic Renal Cell Carcinoma. *Applied Radiation Oncology* 5(1): 28-30, 2016.

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PUBLISHED PAPERS/MONOGRAMS:

13. Miller JA, Balagamwala EH, Angelov L, Suh JH, Djemil T, Magnelli A, Qi P, Zhuang T, Godley A, Chao ST. Stereotactic Radiosurgery for the Treatment of Primary and Metastatic Spinal Sarcomas. *Technology in Cancer Research & Treatment*. 2016 Apr 12.
14. Miller JA, Balagamwala EH, Angelov L, Suh JH, Rini B, Garcia J, Ahluwalia M, Chao ST. Spine Stereotactic Radiosurgery with Concurrent Tyrosine Kinase Inhibitors for Metastatic Renal Cell Carcinoma. *Journal of Neurosurgery: Spine* 8:1-9, 2016.
15. Miller JA, Kotecha R, Suh JH. Correspondence: Comparative effectiveness of stereotactic radiosurgery versus whole-brain radiation therapy for patients with brain metastases from breast or non-small cell lung cancer. *Cancer* 122:3243-3244, 2016.
16. Pham YD, Kittel JA, Reddy CA, Ciezki JP, Klein EA, Stephans KL, Tendulkar RD. Outcomes for prostate glands >60 cc treated with low-dose-rate brachytherapy. *Brachytherapy* 15(2): 163-8, 2016.
17. Shah C, Wobb J, Manyam B, Khan A, Vicini F. Accelerated partial breast irradiation utilizing brachytherapy: patient selection and workflow. *J Contemp Brachytherapy* 8(1):90-4, 2016.
18. Shah C, Stephans K, Juloori A, Vassil A, Mantz C, Martinez A, Vicini F, Fernandez E, Tendulkar RD, Finkelstein SE. Hypofractionated and Stereotactic Body Radiotherapy in Prostate Cancer: A Review. *Contemporary Rad Onc* 2(2): 6-13, 2016.
19. Shah C, Kotecha R, Stephans K, Tendulkar R. Radiation Therapy in Prostate Cancer: Defining the Benefit of Hypofractionation. *Am J Clin Oncol*, 39(4): 327-328, 2016.
20. Tendulkar R, Ward M, Suh JH. Letter to the Editor Re: Taking “the Game” Out of The Match: A Simple Proposal. *Int J Radiat Oncol Biol Phys* 94:637, 2016.
21. Ward MC, Reddy CA, Adelstein DJ, Koyfman SA. Use of Systemic Therapy with Definitive Radiotherapy for Elderly Patients with Head and Neck Cancer: A National Cancer Database Analysis. *Cancer*. 2016 Aug 9
22. Ward MC, Pham YD, Kotecha R, Zakem SJ, Greskovich JF. Clinical and dosimetric implications of intensity-modulated radiotherapy for early-stage glottic carcinoma. *Med Dosim* 41(1): 64-9, 2016.
23. Ward MC, Ross RB, Koyfman SA, Lorenz R, Lamarre ED, Scharpf J, Burkey BB, Joshi NP, Woody NM, Prendes B, Houston N, Reddy CA, Greskovich JF, Adelstein DJ. Modern Image-Guided IMRT for Oropharynx Cancer: Severe Late Toxicity and Implications for Clinical Trial Design. *JAMA Otolaryngol Head Neck Surg*. 2016 Jul 20
24. Ward MC, Adelstein DJ, Bhateja P, Nwizu TI, Scharpf J, Houston N, Lamarre ED, Lorenz R, Burkey BB, Greskovich JF, Koyfman SA. Severe late dysphagia and cause of death after concurrent chemoradiation for larynx cancer in patients eligible for RTOG 91-11. *Oral Oncol* 57: 21-26, 2016.
25. Ward MC, Bhateja P, Nwizu T, Kmiecik J, Reddy CA, Scharpf J, Lamarre ED, Burkey BB, Greskovich JF, Adelstein DJ, Koyfman SA. Impact of feeding tube choice on severe late dysphagia after definitive

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Residents 2016

PUBLISHED PAPERS/MONOGRAMS:

- chemoradiotherapy for human papillomavirus-negative head and neck cancer. *Head Neck*. 2016 Apr;38 Suppl 1:E1054-60.
26. Ward MC, Oh SC, Pham YT, Woody NM, Marwaha G, Videtic GM, Stephans KL. Isolated Nodal Failure after Stereotactic Body Radiotherapy for Lung Cancer: The Role for Salvage Mediastinal Radiotherapy. *J Thorac Oncol* 11:1558-1564, 2016.
27. Ward MC, Koyfman SA. Transoral Robotic Surgery: The Radiation Oncologist's Perspective. *Oral Oncol* 60:96-102, 2016.
28. Woody NM, Koyfman SA, Xia P, Yu N, Shang Q, Adelstein DJ, Scharpf J, Burkey B, Saxton JP, Greskovich Jr. JF. Regional control is preserved after dose de-escalated radiotherapy to involved lymph nodes in HPV positive oropharyngeal cancer is associated with excellent loco-regional control. *Oral Oncol* 53:91-96, 2016.

EXTERNAL PRESENTATIONS:

[ASTRO \(American Society for Radiation Oncology\) 58th Annual Meeting, Boston MA, September 25-28, 2016](#)

1. Awan MJ, Zakem SJ, Ward MC, Machtay M, Riaz N, Caudell JJ, Dunlap NE, Isrow D, Dault J, Higgins KA, Beitler JJ, Siddiqui F, Trotti AM, Lee NY, Koyfman SA, Heron DE, Yao M. Re-irradiation Outcomes After Upfront Larynx Preservation or Total Laryngectomy: A Multi-institutional Analysis. Poster
2. Balagamwala EH, Miller JA, Reddy CA, Angelov L, Suh JH, Tariq MB, Yang K, Djemil T, Magnelli A, Mohammadi AM, Soeder S, Chao ST. Recursive partitioning analysis is predictive of overall survival for patients undergoing spine radiosurgery for spine metastasis. Oral presentation
3. Balagamwala EH, Miller JA, Angelov L, Suh JH, Mohammadi AM, Djemil T, Magnelli A, Soeder S, Chao ST. Clinical and Quality of Life Implications of Vertebral Compression Fracture following Spine Radiosurgery. Poster
4. Berriochoa C, Bennett E, Miller JA, Balagamwala EH, Ward MC, Chao S, Suh JH, Benzel E, Soeder S, Yu N, Manyam B, Angelov L. A comparison of oncologic and toxicity outcomes in patients receiving conventional external beam radiotherapy versus SBRT to instrumented spinal fields. Poster
5. Berriochoa C, Suh JH, Wilkinson A, Singh AD. Episcleral brachytherapy for ocular hemangioma: indications and outcomes. Poster
6. Chaung K, Kotecha R, Modugula S, Barnett GH, Murphy ES, Reddy CA, Suh JH, Neyman G, Machado A, Nagel S, Chao ST. Effects of Machine and Collimator Dose Rates on Pain Control and Facial Numbness in Stereotactic Radiosurgery for Trigeminal Neuralgia. Poster
7. Joshi NP, Juloori A, Ward MC, Qu Hai, Greskovich JG, Murray E, Potter J, Dorfmeier A, Xia P, Koyfman SA. Sparing level IB in node positive, HPV associated oropharyngeal carcinoma: an early safety and efficacy analysis. Poster
8. Juloori A, Joshi NP, Ward MC, Xia P, Koyfman SA, Greskovich JF. Selectively sparing the submandibular gland when level IB lymph nodes are included in the radiation target volume: a safety and toxicity analysis in cancers of the oropharynx and oral cavity. Poster

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PUBLISHED PAPERS/MONOGRAMS:

9. Juloori A, Vassil A, Woody N, Stephans K, Videtic G. Managing Local Recurrence After Primary Resection of Non-Small Cell Lung Cancer: The Role for Salvage SBRT. Poster
10. Kittel JA, Ward MC, Cui T, Murray E, Joshi N, Koyfman S, Xia P. After transoral resection for early stage, HPV-positive base of tongue cancer, could omitting the primary bed be worth the risk? A dosimetric analysis. Poster
11. Kotecha R, Modugula S, Angelov L, Benzel E, Reddy CA, Prayson R, Kalfas I, Schlenk R, Krishnaney A, Steinmetz MP, Bingaman W, Suh JH, Chao ST. The role of adjuvant radiation therapy in patients with myxopapillary ependymomas. Poster
12. Kotecha R, Suh JH, Barnett GH, Murphy ED, Ahluwalia MS, Reddy CA, Parsons M, Vogelbaum MA, Angelov L, Mohammadi AM, Stevens GHJ, Peereboom DM, Chao ST. Changing Trends in Brain Metastasis: A 20 Year Review of Patient Outcomes. Poster
13. Kotecha R, Miller JA, Modugula S, Barnett GH, Murphy ES, Reddy CA, Suh JH, Neyman G, Machado A, Nagel S, Chao ST. A Prospective Analysis of Quality of Life Outcomes following Stereotactic Radiosurgery for Trigeminal Neuralgia. Poster
14. Koyfman SA, Ward MC, Houston N, Joshi N, Harr BA, Bodmann J, Ives DI, Rahe M, Nwizu TI, Adelstein DA, Greskovich JF. Dramatic Reduction in the Need for Feeding Tube Use in HPV + Oropharyngeal Cancer in the IMRT Era. Poster
15. Leyrer CM, Murphy ES, Suh JH, Vogelbaum MA, G. Stevens HJ, Peereboom D, Chao ST, Barnett GH, Mohammadi AM, Yu JS, Ahluwalia MS. Institutional Experience of High Risk Low Grade Glioma in the Temozolomide Era. Poster
16. Manyam BV, Garsa A, Chin RI, Reddy CA, Gastman B, Vidimos AT, Thorstad W, Yom S, Nussenbaum B, Wang S, Koyfman SA. A Multi-Institutional Comparison of Outcomes of Immunosuppressed and Immunocompetent Patients Treated with Surgery and Radiation Therapy for Cutaneous Squamous Cell Carcinoma of the Head and Neck. Oral presentation
17. Miller JA, Kotecha R, Mohammadi AM, Murphy ES, Suh JH, Barnett GH, Vogelbaum MA, Angelov L, Ahluwalia MS, Chao STC. The Economic Implication of Upfront Whole Brain Radiation Therapy for Patients with Limited Brain Metastasis. Oral presentation.
18. Miller JA, Kotecha R, Mohammadi AM, Murphy ES, Suh JH, Barnett GH, Vogelbaum MA, Angelov L, Ahluwalia MS, Chao STC. Healthcare Expenditures Associated with the Management of Multiple Brain Metastases. Poster
19. Miller JA, Kotecha R, Barnett GH, Suh JH, Angelov L, Murphy ES, Vogelbaum MA, Mohammadi AM, Ahluwalia MS, Chao STC. Quality of Life following Stereotactic Radiosurgery for Single and Multiple Brain Metastases. Poster
20. Miller JA, Kotecha R, Modugula S, Barnett GH, Murphy ES, Reddy CA, Suh JH, Neyman G, Machado A, Nagel S, Chao ST. The Impact of Dose Escalation upon Cost Reduction following Stereotactic Radiosurgery for Trigeminal Neuralgia. Poster
21. Miller JA, Balagamwala EH, Angelov L, Suh JH, Yang K, Tariq MB, Magnelli A, Soeder S, Mohammadi AM, Djemil T, Chao ST. The Impact of Receptor Status on Local Control of Breast Metastases following Spine Stereotactic Radiosurgery. Poster

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22. Miller JA, Balagamwala EH, Angelov L, Suh JH, Rini B, Garcia J, Ahluwalia M, Chao, ST. Spine Stereotactic Radiosurgery with Concurrent Tyrosine Kinase Inhibitors for Metastatic Renal Cell Carcinoma. Poster
23. Miller JA, Balagamwala EH, Angelov L, Suh JH, Tariq MB, Yang K, Magnelli A, Mohammadi AM, Djemil T, Chao ST. Quality of Life Outcomes following Spine Stereotactic Radiosurgery. Poster
24. Miller JA, Balagamwala EH, Angelov L, Suh JH, Magnelli A, Mohammadi AM, Djemil T, Chao ST. Vertebral Body Height Loss following Spine Stereotactic Radiosurgery for Renal Cell Carcinoma Metastases. Poster
25. Miller JA, Balagamwala EH, Berriochoa C, Angelov L, Suh JH, Tariq MB, Yang K, Magnelli A, Soeder S, Mohammadi AM, Djemil T, Benzel EC, Chao ST. The Impact of Instrumentation upon Local Control following Spine Stereotactic Radiosurgery. Oral presentation
26. MyTyre E, Ayala-Peacock DN, Contessa JN, Chung C, Fiveash JB, Ahluwalia MS, Kotecha R, Chao ST, Attia A, Hepel JT, Braunstein SE, Chan MD. Multi-Institutional Competing Risks Analysis Predicting Distant Brain Failure and Salvage Patterns after Upfront Radiosurgery without Whole Brain Radiotherapy for Brain Metastasis. ePoster
27. Parsai, S, Salehi N. Improving Access to Cancer Care: Watermelon as a QA Phantom for Cranial SRS Treatments. Poster
28. Pham YD, Grover S, Badiyan S, Trifiletti D, Showalter S, Juloori A, Freedman G, Tendulkar RD, Nichols E, Feigenberg S, Shah CS. Predictors of Receipt of Regional Nodal Irradiation in Patients with Pathologic Complete Response in the Axilla to Neoadjuvant Chemotherapy. Poster
29. Pham YD, Rehman S, Reddy CA, Shukla ME, Moore H, Budd GT, Crowe JP, Shah C, Cherian S, Tendulkar RD. Postmastectomy radiation therapy reduces locoregional recurrence in breast cancer patients with 1-3 positive lymph nodes: 8-year results. Poster
30. Qu H, Joshi N, Ward MC, Dorfmeier A, Murray E, Potter J, Koyfman S, Greskovich JF, Xia P. Narrow-margin Image Guided-IMRT for Head and Neck Cancer: Can we Afford Not to Adaptively Replan? Poster
31. Stephans K, Thousand R, Reddy C, Magnelli A, Zhuang T, Qi P, Keller L, Blair H, Kotecha R, Mastroianni A, Berglund R, Stovsky M, Klein E, Tendulkar RD. Heterogeneous Dose-Escalated Prostate SBRT for All Risk Prostate Cancer: An Institutional Phase II Study. Poster
32. Vargo JA, Ward MC, Caudell JJ, Riaz N, Dunlap NE, Isrow D, Zakem SJ, Dault J, Awan MJ, Higgins KA, Beitler JJ, Yao M, Machtay M, Siddiqui F, Trotti AM, Lee NY, Koyfman SA, Heron DE. A Multi-Institution Comparison of SBRT and IMRT for Re-Irradiation of Head and Neck Cancer. Oral presentation
33. Ward MC, Riaz N, Caudell JJ, Dunlap NE, Isrow D, Zakem SJ, Dault J, Awan MJ, Vargo JA, Heron DE, Higgins KA, Beitler JJ, Yao M, Machtay M, Siddiqui F, Trotti AM, Lee NY, Koyfman SA. Multi-Institution Analysis of IMRT-based Re-Irradiation for Head and Neck Cancer: Prognostic Factors and Recursive Partitioning Analysis for Overall Survival. Oral presentation

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PUBLISHED PAPERS/MONOGRAMS:

34. Yang K, Miller JA, Balagamwala EH, Angelov L, Suh JH, Magnelli A, Soeder S, Mohammadi AM, Djemil T, Chao ST. Spine Stereotactic Body Radiation Therapy for Palliative Management of Metastatic Lung Cancer. Poster

Radiological Society of North America (RSNA), Chicago, November 27-December 2, 2016

1. Manyam BV, Tendulkar RD, Cherian S, Vicini F, Badiyan S, Shah C. Evaluating Candidacy for Endocrine Therapy, Accelerated Partial Breast Irradiation, and Hypofractionated Radiation Therapy following Breast Conserving Surgery: A Surveillance Epidemiology and End Results (SEER) Analysis. Oral Presentation

COURSE DIRECTOR

ASTRO Committees

1. Balagamwala E. Palliative thoracic guidelines