

## Academic Activities, Grants and Accolades in Radiation Oncology 2017

### **PUBLISHED PAPERS/MONOGRAMS:**

1. Abbott AM, Valente SA, Loftus L, Tendulkar RD, Greif JM, Bethke KP, Donnelly ED, Lottich C, Ross DL, Friedman NB, Bedi CG, Joh JE, Kelemen P, Hofer RA, Kang SK, Ruffer J, Police A, Fyles A, Graves GM, Willey SC, Tousimis EA, Small W, Lyons J, Grobmyer S, Laronga C. A multi-institutional analysis of intraoperative radiotherapy for early breast cancer: does age matter? *Am J Surg*. 2017;214(4):629-633.
2. Abu-Gheida I, Fleming C, Ramia P, Mian O, Tendulkar R, Ciezki J. Current controversies in prostate brachytherapy for prostate cancer, *Applied Radiation Oncology*, September 2017, pgs 6-11.
3. Agrawal S, Lacy JM, Bagga H, Angermeier KW, Ciezki J, Tendulkar RD, Reddy CA, Wood HM. Secondary urethral malignancies following prostate brachytherapy. *Urology* 2017 Dec;110:172-176.
4. Ahluwalia MS, Bou-Anak S, Burgett ME, Sarmey N, Khosla D, Dahiya S, Weil RJ, Bae E, Huang P, Bae E, McGraw M, Grove LM, Olman MA, Prayson RA, Suh JH, Gillespie GY, Barholtz-Sloan J, Nowacki AS, Barnett GH, Gladson CL. Correlation of Higher Levels of Soluble TNF-R1 with a Shorter Survival, independent of age, in Recurrent Glioblastoma. *J Neurooncol* 131(3): 449-458, 2017.
5. Amin NP, Nalichowski A, Campbell S, Hyder J, Spink R, Konski AA, Dominello M. Helical Therapy is Safe for Lung Stereotactic Body Radiation Therapy Despite Limitations in Achieving Sharp Dose Gradients. *Technol Cancer Res Treat*. 2017 Dec;16(6):1173-1178.
6. Amoush A, Long H, Subedi L, Qi P, Djemil T, Xia P. Dosimetric Effect of Multileaf Collimator Leaf Width on Volumetric Modulated Arc Stereotactic Radiotherapy for Spine Tumors. *Med Dosim*42:111-115 (2017).
7. Angelov L, Mohammadi AM, Bennett EE, Abbassy M, Elson P, Chao ST, Montgomery JS, Habboub G, Vogelbaum MA, Suh JH, Murphy ES, Ahluwalia MS, Nagel SJ, Barnett GH. Impact of 2-staged stereotactic radiosurgery for treatment of brain metastases  $\leq 2$  cm. *J Neurosurg*. 2017 Sep 22:1-17.
8. Ayala-Peacock, DN, Attia A, Braunstein SE, Ahluwalia MS, Hepel J, Chung C, Contessa J, Peiffer AM, Lucas Jr. JT, Isom S, Pajewski NM, Kotecha R, Stavvas M, Ebner D, Taylor R, Onyeuku NE, Chao ST, Corso C, Ruiz J, Watabe K, Tatter SB, Zadeh G, Chiang VLS, Sneed PK, Fiveash JB, Chan MD. Prediction of New Brain Metastases after Radiosurgery: Validation and Analysis of Performance of a Multi-Institutional Nomogram. *J Neurooncol* 2017;135(2):403-411.
9. Aziz HA, Al Zahrani YA, Bena J, Lorek B, Wilkinson A, Suh J, Singh AD. Episcleral brachytherapy of Uveal Melanoma: Role of Intraoperative Echographic Confirmation. *Br J Ophthalmology* 101: 747-751, 2017
10. Balasubramanian SK, Sharma M, Silva D, Karivedu V, Schmitt P, Stevens GH, Barnett GH, Prayson RA, Elson P, Suh JH, Murphy ES, Chao ST. Longitudinal Experience with WHO Grade III (Anaplastic) Meningiomas at a Single Institution. *J Neurooncol* 131(3): 555-563, 2017.
11. Basch E, Pugh SL, Dueck AC, Mitchell SA, Berk L, Fogh S, Rogak LJ, Gatewood M, Reeve BB, Mendoza TR, O'Mara AM, Denicoff AM, Minasian LM, Bennett AV, Setser A, Schrag D, Roof K, Moore JK, Gergel T, Stephans K, Rimner A, DeNittis A, Bruner DW. Feasibility of Patient Reporting of Symptomatic Adverse Events via the Patient-Reported Outcomes Version of the Common Terminology Criteria for Adverse Events (PRO-CTCAE) in a Chemoradiotherapy Cooperative Group Multicenter Clinical Trial. *Int J Radiat Oncol Biol Phys* 98(2): 409-418, 2017.

12. Bellerive C, Aziz HA, Bena J, Wilkinson A, Suh JH, Plesec T, Singh AD. Local Failure after Episcleral Brachytherapy for Posterior Uveal Melanoma: Patterns, Risk Factors and Management. *Am J Ophthalmol* 177: 9-16, 2017
13. Bennett EE, Angelov L, Vogelbaum MA, Barnett GH, Chao ST, Murphy ES, Yu JS, Suh JH, Jia X, Stevens GHJ, Ahluwalia MS, Mohammadi AM. The prognostic role of tumor volume in the outcome of patients with single brain metastasis after stereotactic radiosurgery. *World Neurosurg* 2017 Aug;104:229-238
14. Bennett EE, Berriochoa C, Habboub G, Brigeman S, Chao ST, Angelov L. Rapid and complete radiological resolution of an intradural cervical cord lung cancer metastasis treated with spinal stereotactic radiosurgery: case report. *Neurosurg Focus* 42(1):E10, 2017.
15. Berriochoa C, Weller M, Berry D, Reddy CA, Koyfman S, Tendulkar R. Program director and chief resident perspectives on the educational environment of US radiation oncology programs. *Pract Radiat Oncol*. 2017 Jan – Feb 7(1):e65-e70.
16. Berriochoa C, Bohnak C, Chahine N, Shah C. Should Radiation Therapy After Surgery for Ductal Carcinoma in Situ be Standard Practice?- Adjuvant radiation therapy remains the standard of care at this time. *Oncology* 2017 31:637-41.
17. Chabot P, Hsia TC, Ryu JS, Gorbunova V, Belda-Iniesta C, Ball D, Kio E, Mehta M, Papp K, Qin Q, Qian J, Holen KD, Giranda V, Suh JH. Veliparib in combination with whole-brain radiation therapy for patients with brain metastases from non-small cell lung cancer: results of a randomized, global, placebo-controlled study. *J Neurooncol* 131(1): 105-115, 2017.
18. Berriochoa CA, Weller MA, Berry D, Reddy CA, Koyfman SA, Tendulkar RD. Program Director and Chief Resident Perspectives on the Educational Environment of U.S. Radiation Oncology Programs. *Pract Radiat Oncol* 7:e65-e70, 2017
19. Chao S. American Society for Radiation Oncology 2016 Annual Meeting: Central Nervous System Abstracts. *Am Soc Clin Oncol Educ Book* 37:171-174, 2017.
20. Ciezki JP, Weller M, Reddy CA, Kittel J, Singh H, Tendulkar R, Stephans KL, Ulchaker J, Angermeier K, Stephenson A, Campbell S, Haber GP, Klein EA. A Comparison between Low-Dose-Rate Brachytherapy With or Without Androgen Deprivation, External Beam Radiotherapy With or Without Androgen Deprivation, and Radical Prostatectomy With or Without Adjuvant or Salvage Radiotherapy for high-Risk Prostate Cancer. *Int J Radiat Onc Biol Phys* 97(5): 962-975, 2017.
21. Ciezki JP, Reddy CA. In Reply to Morris and Tyldesley. *Int J Radiat Oncol Biol Phys*. 2017 Sep 1;99(1):242-243.
22. Chowdhury, I., Parsai, S., Gandhidasan S., Kotecha, R., Suh, J. Optimization of stereotactic radiosurgery for the treatment of brain metastases. *Applied Radiation Oncology* 2017;6(1):11-17.
23. De M, Oleskie AN, Ayyash M, Dutta S, Mancour L, Abazeed ME, Brace EJ, Skiniotis G, Fuller RS. The Vps13p-Cdc31p complex is directly required for TGN to late endosome transport and TGN homotypic fusion. *J Cell Biol*. 2017; 216(2):425-439.
24. Dhawan A, Nichol D, Kinose F, Abazeed ME, Marusyk A, Haura EB, Scott JG. Collateral sensitivity networks reveal evolutionary instability and novel treatment strategies in ALK mutated non-small cell lung cancer. *Sci Rep*. 2017; 27;7(1):1232.
25. Edelman MJ, Hu C, Le QT, Donington JS, D'Souza WD, Dicker AP, Loo BW, Gore EM, Videtic GMM, Evans NR, Leach JW, Diehn M, Feigenberg SJ, Chen Y, Paulus R, Bradley JD. Randomized Phase II Study of Preoperative Chemoradiotherapy +/- Panitumumab Followed by Consolidation Chemotherapy in

Potentially Operable Locally Advanced (Stage IIIa, N2+) Non-small Cell Lung Cancer: NRG Oncology RTOG 0839. *J Thorac Oncol* 12(9):1413-1420, 2017.

26. Fogh SE, Deshmukh S, Berk LB, Dueck AC, Roof K, Yacoub S, Gergel T, Stephans K, Rimner A, DeNittis A, Pablo J, Rineer J, Williams TM, Bruner D. A Randomized Phase 2 Trial of Prophylactic Manuka Honey for the Reduction of Chemoradiation Therapy-Induced Esophagitis During the Treatment of Lung Cancer: Results of NRG Oncology RTOG 1012. *International Journal of Radiation Oncology, Biology & Physics*, 2017 Mar 15;97(4):786-796.
27. Fredman ET, Abdel-Wahab M, Kumar AMS. Influence on radiation treatment technique on outcome and toxicity for anal cancer. *J Radiat Oncol* 6:413-421, 2017.
28. Garrett GL, Blanc PD, Boscardin J, Lloyd AA, Ahmed RL, Anthony T, Bibee K, Breithaupt A, Cannon J, Chen A, Cheng JY, Chiesa-Fuxench Z, Colegio OR, Curiel-Lewandrowski C, Del Guzzo CA, Disse M, Dowd M, Eilers R Jr, Ortiz AE, Morris C, Golden SK, Graves MS, Griffin JR, Hopkins RS, Huang CC, Bae GH, Jambusaria A, Jennings TA, Jiang SI, Karia PS, Khetarpal S, Kim C, Klintmalm G, Konicke K, Koyfman SA, Lam C, Lee P, Leitenberger JJ, Loh T, Lowenstein S, Madankumar R, Moreau JF, Nijhawan RI, Ochoa S, Olsz EB, Otchere E, Otley C, Oulton J, Patel PH, Patel VA, Prabhu AV, Pugliano-Mauro M, Schmults CD, Schram S, Shih AF, Shin T, Soon S, Soriano T, Srivastava D, Stein JA, Sternhell-Blackwell K, Taylor S, Vidimos A, Wu P, Zajdel N, Zelac D, Arron ST. Incidence of and Risk Factors for Skin Cancer in Organ Transplant Recipients in the United States. *JAMA Dermatol* 153(3): 296-303, 2017.
29. Gay HA, Sanda MG, Liu J, Wu N, Hamstra DA, Wei JT, Dunn RL, Klein EA, Sandler HM, Saigal CS, Litwin MS, Kuban DA, Hembroff L, Regan MM, Chang P. Prostate Cancer Outcomes and Satisfaction with Treatment Quality Assessment Consortium, Michalski JM. External Beam Radiation Therapy or Brachytherapy With or Without Short-course Neoadjuvant Androgen Deprivation Therapy: Results of a Multicenter, Prospective Study of Quality of Life. *Int J Radiat Oncol Biol Phys*. 2017 Jun 1;98(2):304-317.
30. Geara FB, Bulbul M, Khauli RB, Andraos TY, Abboud M, Al Mousa A, Sarhan N, Salem A, Ghatasheh H, Ainsour A, Ayoub Z, Gheida IA, Charafeddine M, Shahit M, Shamseddine A, Gheida RA, Khader J. Nadir PSA is a strong predictor of treatment outcome in intermediate and high risk localized prostate cancer patients treated by definitive external beam radiotherapy and androgen deprivation. *Radiat Oncol* 12(1): 149, Sep 2017.
31. Gentry JL 3rd, Kalaycio M, Chao ST, Jellis CL. Hot stuff: a rare diagnosis of a mitral valve mass confirmed on cardiac fludeoxyglucose positron emission tomography. *Eur Heart J* 38:2514-2515, 2017.
32. Gore EM, Hu C, Sun AY, Grimm DF, Ramalingam SS, Dunlap NE, Higgins KA, Werner-Wasik M, Allen AM, Iyengar P, Videtic GMM, Hales RK, McGarry RC, Urbanic JJ, Pu AT, Johnstone CA, Stieber VW, Paulus R, Bradley JD. Randomized Phase II Study Comparing Prophylactic Cranial Irradiation Alone To Prophylactic Cranial Irradiation And Consolidative Extra-Cranial Irradiation For Extensive Disease Small Cell Lung Cancer (ED-SCLC): NRG Oncology RTOG 0937. *J Thorac Oncol*. 2017 Oct;12(10):1561-1570.
33. Grassberger C, Scott JG, Paganetti H. Biomathematical Optimization of Radiation Therapy in the Era of Targeted Agents. *Int J Radiat Oncol Biol Phys*. 2017 Jan 1;97(1):13-17.
34. Grover S, Badiyan SN, Trifletti DM, Showalter SL, Pham Y, Vicini F, Juloori A, Freedman G, Tendulkar R, Swisher-McClure S, Nichols E, Feigenberg SJ, Shah C. Regional Nodal Irradiation Following Pathologic Complete Response in The Axilla to Neoadjuvant Chemotherapy: Patterns of Treatment. *J Radiat Oncol* 6:81-92, 2017.
35. Huang H, Yu K, Mohammadi AM, Karanthis E, Godley A, Yu JS. It's Getting Hot in Here: Targeting Cancer Stem-like Cells with Hyperthermia. *Journal of Stem Cell and Transplantation Biology* 2017, 2:1-8.

36. Hugo GD, Weiss E, Sleeman, WC, Balik S, Keall PJ, Lu J, Williamson JF. A longitudinal four-dimensional computed tomography and cone beam computed tomography dataset for image-guided radiation therapy research in lung cancer. *Medical physics* 44 (2), 762-771 (2017)
37. Ilaslan H, Schils J, Joyce M, Shah C, Zhang Y. Radiation-induced focal cortical necrosis on the femur presenting as a lytic lesion. *Skeletal Radiol* 46:1579-1584, 2017.
38. Jawad MS, Shah C, Wilkinson JB, Wallace M, Mitchell CK, Wobb J, Gustafson GS, Brabbins DS, Grills IS, Chen PY. Seven-year Outcomes Following Accelerated Partial Breast Irradiation Stratified by ASTRO Consensus Groupings. *Am J Clin Oncol* 2017;40:483-9.
39. Jeremic B, Casas F, Dubinsky P, Gomez-Caamano A, Cihoric N, Videtic G, Latinovic M. Combined modality therapy in Stage IIIA non-small cell lung cancer: clarity or confusion despite the highest level of evidence? *J Radiat Res.* 2017; 58:267-272.
40. Julka PK, Sharma DN, Mallick S, Gandhi AK, Joshi NP, Haresh KP, Gupta S, Rath GK. Outcomes of thymoma treated with multimodality approach: a tertiary cancer center experience of 71 patients. *Tumori* 103:572-576, 2017.
41. Jung EW, Jung DL, Balagamwala EH, Angelov L, Suh JH, Djemil T, Magnelli A, Chao ST. Single-Fraction Spine Stereotactic Body Radiation Therapy for the Treatment of Chordoma. *Technol Cancer Res Treat* 2017; 16(3):302-309.
42. Karam I, Yao M, Heron DE, Poon I, Koyfman SA, Yom SS, Siddiqui F, Lartigau E, Cengiz M, Yamazaki H, Hara W, Phan J, Vargo JA, Lee V, Foote RL, Harter KW, Lee NY, Sahgal A, Lo SS. Survey of current practices from the International Stereotactic Body Radiotherapy Consortium (ISBRTC) for head and neck cancers. *Future Oncol* (13)7:603-613, 2017.
43. Kaufman DI, Shah C, Vicini FA, Rizzi M. Utilization of Bioimpedance Spectroscopy in the Prevention of Chronic Breast Cancer Related Lymphedema. *Breast Cancer Res Treat* 2017.
44. Kaznatcheev A, Vander Velde R, Scott JG, Basanta D. Cancer treatment scheduling and dynamic heterogeneity in social dilemmas of tumour acidity and vasculature. *Br J Cancer* 116(6): 785-792, 2017.
45. Kim JM, Miller JA, Kotecha R, Xiao R, Juloori A, Ward MC, Ahluwalia MS, Mohammadi AM, Peereboom DM, Murphy ES, Suh JH, Barnett GH, Vogelbaum MA, Angelov L, Stevens GH, Chao ST. The risk of radiation necrosis following stereotactic radiosurgery with concurrent systemic therapies. *J Neurooncol* 2017 Jun;133(2):357-368.
46. Khan AJ, Rafique R, Zafar W, Shah C, Haffty BG, Vicini F, Jamshed A, Zhao Y. Nation-Scale Adoption of Shorter Breast Radiotherapy Schedules Can Increase Survival by Improving Access in Resource Constrained Economies: Results from a Markov Chain Analysis. *Int J Radiat Oncol Biol Phys* 97:287-295, 2017.
47. Kotecha R, Damico N, Miller JA, Suh JH, Murphy ES, Reddy CA, Barnett GH, Vogelbaum MA, Angelov L, Mohammadi AM, Chao ST. Three or More Courses of Stereotactic Radiosurgery for Patients with Multiply Recurrent Brain Metastases. *Neurosurgery* 2017; 80(6):871-879.
48. Kotecha R, Miller JA, Venur VA, Mohammadi AM, Chao ST, Suh JH, Barnett GH, Murphy ES, Yu JS, Vogelbaum MA, Angelov L, Ahluwalia MS. Melanoma Brain Metastasis: The Impact of Stereotactic Radiosurgery, Molecular Profile, and Targeted/Immune-Based Therapies on Treatment Outcome. *J Neurosurg.* 11:1-10, 2017.
49. Kotecha R, Miller JA, Modugula S, Barnett GH, Murphy ES, Reddy CA, Suh JH, Neyman G, Machado A, Nagel S, Chao ST. Stereotactic Radiosurgery for Trigeminal Neuralgia Improves Patient-Reported Quality-of-Life and Reduces Depression. *Int J Radiat Oncol Biol Phys* 98(5):1078-1086, 2017.

50. Koyfman SA, Yom SS. Clinical Research Ethics: Considerations for the Radiation Oncologist. *Int J Radiat Oncol Biol Phys* 99(2): 259-264, 2017.
51. Kozak VN, Khorana A, Amarnath S, Glass KE, Kalady MF. Multidisciplinary Clinics for Colorectal Cancer Care Reduces Treatment Time. *Clin Colorectal Cancer*. 2017 Apr 19 [Epub Ahead of Print]
52. Larson KE, Valente SA, Shah C, Tendulkar RD, Cherian S, Yanda C, Tu C, Echle J, Grobmyer SR. Are patients traveling for intraoperative radiation therapy? *Int J Breast Cancer* 2017:6395712.
53. Leyrer CM, Berriochoa CA, Agrawal S, Donaldson A, Calhoun B, Shah C, Stewart R, Moore H, Tendulkar R. Predictive Factors on Outcomes in Metaplastic Breast Cancer. *Breast Cancer Res Treat* 165:499-504, 2017.
54. Li Z, Alyamani M, Li J, Rogacki K, Abazeed M, Upadhyay SK, Balk SP, Taplin ME, Auchus RJ, Sharifi N. Commentary on: "Redirecting abiraterone metabolism to fine-tune prostate cancer anti-androgen therapy." . *Nature*. 2016 May 25;533(7604):547-51.
55. Liu H, Andrews M, Markovich A, Zhuang T. Dosimetric effect of uncorrected rotations in lung SBRT with stereotactic imaging guidance. *Physica Medica*. 42:197-202, 2017.
56. Lo SS, Brown PD, Foote M, Chao ST, Chang EL, Sahgal A. Postoperative stereotactic radiosurgery for limited brain metastases: are we ready for prime time? *Expert Rev Anticancer Ther* 2017;17(9):775-777.
57. Lock M, Malayeri AA, Mian OY, Mayr NA, Herman JM, Lo SS. Computed tomography imaging assessment of postexternal beam radiation changes of the liver. *Future Oncol* 12(23): 2729-2739, 2016.
58. Ma, Z., Parsai, S., Gandhidasan, S., Suh, J. Paraganglioma of the skull base treated with intensity-modulated radiation therapy. *Applied Radiation Oncology*. March 2017.
59. McFarland CD, Yaglom JA, Wojtkowiak JW, Scott JG, Morse DL, Sherman MY, Mirny LA. The Damaging Effect of Passenger Mutations on Cancer Progression. *Cancer Res*. 2017 Sep 15;77(18):4763-4772.
60. Man J, Yu X, Huang H, Zhou W, Xiang C, Miele L, Liu Z, Bebek G, Bao S, Yu JS\*. Hypoxic Induction of Vascular Endothelial Growth Factor Regulates Notch1 Turnover to Maintain Glioma Stem-Like Cells. *Cell Stem Cell* 2018, 22: 104-118.
61. Manyam BV, Garsa AA, Chin RI, Reddy CA, Gastman B, Thorstad W, Yom SS, Nussenbaum B, Wang SJ, Vidimos AT, 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. *Cancer* 123(11): 2054-2060, 2017.
62. Manyam BV, Joshi N, Koyfman SA. A review of the role of external-beam radiation therapy in nonmelanomatous skin cancer. *Appl Rad Oncol* 6(2):6-10, 2017.
63. McNamara MJ, Adelstein DJ, Allende DS, Bodmann JW, Ives DI, Murthy SC, Raymond D, Raja S, Rodriguez CP, Sohal D, Stephans KL, Videtic GM, Rybicki LA. Persistent Dysphagia After Induction Chemotherapy in Patients with Esophageal Adenocarcinoma Predicts Poor Post-Operative Outcomes. *J Gastrointest Cancer* 2017; 48:181-189.
64. Mian OY, Tendulkar RD, Abazeed ME. The evolving role of molecular profiling in prostate cancer: basal and luminal subtyping transcends tissue of origin. *Transl Cancer Res*. 2017; 6(suppl 9):S1441-1445

65. Miller JA, Kotecha R, Barnett GH, Suh JH, Angelov L, Murphy ES, Vogelbaum MA, Mohammadi A, Chao ST. Quality of Life following Stereotactic Radiosurgery for Single and Multiple Brain Metastases. *Neurosurgery* 81(1):147-155, 2017
66. Miller JA, Kotecha R, Ahluwalia MS, Mohammadi AM, Suh JH, Barnett GH, Murphy ES, Vogelbaum MA, Angelov L, Chao ST. The impact of tumor biology on survival and response to radiation therapy among patients with non-small cell lung cancer brain metastases. *Pract Radiat Oncol* 2017; 7(4):e263-e273.
67. Miller JA, Kotecha R, Ahluwalia MS, Mohammadi AM, Chao ST, Barnett GH, Murphy ES, Vogelbaum MA, Angelov L, Peereboom DM, Suh JH. Overall survival and the response to radiotherapy on molecular subtypes of breast cancer brain metastases treated with targeted therapies. *Cancer* 2017; 123(12):2283-2293.
68. Miller JA, Balagamwala EH, Chao ST, Emch T, Suh JH, Djemil T, Angelov L. Spine Stereotactic Radiosurgery for the Treatment of Multiple Myeloma. *J Neurosurg Spine* 26(3): 282-290, 2017.
69. 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. *Technol Cancer Res Treat.* 16, 276–284 (2017).
70. Miller JA, Balagamwala EH, Berriochoa C, Angelov L, Suh JH, Benzel EC, Mohammadi AM, Emch T, Magnelli A, Godley A, Qi P, Chao, ST. The Impact of Decompression with Instrumentation upon Local Failure following Spine Stereotactic Radiosurgery. *J Neurosurg: Spine* 21:1-8, 2017.
71. Miller RC, Goyal S, McClelland S, Motwani S, Mayo C, Kaleem T, Videtic G, Hintenlang K. ASTRO's Advances in Radiation Oncology: Success to date and future plans. *Adv Radiat Oncol.* 2017 May 26;2(3):245-248.
72. Mohammadi AM, Schroeder JL, Angelov L, Chao ST, Murphy ES, Yu JS, Neyman G, Jia X, Suh JH, Barnett GH, Vogelbaum MA. Impact of the radiosurgery prescription dose on the local control of small (2 cm or smaller) brain metastases. *J Neurosurg* 126(3): 735-743, 2017.
73. Moraes FY, Shultz DB, Murphy ES, Khuntia D, Chao ST, Suh JH. Strategies to mitigate the effects of whole-brain radiation therapy on neurocognitive function in patients with brain metastases. *Applied Radiation Oncology* 2017 Mar; 6(1):6-10.
74. Murphy ES, Rogacki K, Godley A, Qi P, Reddy CA, Ahluwalia MS, Peereboom DM, Stevens GH, Yu JS, Kotecha R, Suh JH, Chao ST. Intensity modulated radiation therapy with pulsed reduced dose rate as a reirradiation strategy for recurrent central nervous system tumors: An institutional series and literature review. *Pract Radiat Oncol* 2017; 7(6):e391-e399.
75. Muryn JS, Wilkinson DA. A Method for Confirming a Third-Party Assay of I-125 Seeds Used for Prostate Implants. *J Appl Clin Med Phys* 18(1): 53-58, 2017.
76. Naghavi AO, Fernandez DC, Mesko N, Juloori A, Martinez A, Scott JG, Shah C, Harrison LB. American Brachytherapy Society consensus statement for soft tissue sarcoma brachytherapy. *Brachytherapy* 16:466-89, 2017.
77. Naghavi AO, Gonzalez RJ, Scott JG, Kim Y, Abuodeh YA, Strom TJ, Echevarria M, Mullinax JE, Ahmed KA, Harrison LB, Fernandez DC. Staged reconstruction brachytherapy has lower overall cost in recurrent soft-tissue sarcoma.. 2017 Feb;9(1):20-29

78. Onukwugha E, Kwok Y, Ciezki JP, Yong C, Plaisant C, Reddy CA, Mullins CD, Seal B, Valderrama A, Hussain A. Skeletal-related events and mortality among men diagnosed with advanced prostate cancer: The impact of alternative measures of radiation to the bone. *PLoS One* 12(4): e0175956, 2017.
79. Platt S, Al Zahrani Y, Singh N, Hill B3, Cherian S, Singh AD. Extranodal Marginal Zone Lymphoma of Ocular Adnexa: Outcomes following Radiation Therapy. *Ocul Oncol Pathol.* 3(3):181-187, 2017
80. Pisansky TM, Tendulkar RD. In Reply to Ghadjar et al. *Int J Radiat Oncol Biol Phys* 2017, 97(2):439-440. PMID 2806825.
81. Redmond KJ, Robertson S, Lo SS, Soltys SG, Ryu S, McNutt T, Chao ST, Yamada Y, Ghia A, Chang EL, Sheehan J, Sahgal A. Consensus Contouring Guidelines for Postoperative Stereotactic Body Radiation Therapy for Metastatic Solid Tumor Malignancies to the Spine. *Int J Radiat Oncol Biol Phys* 97(1): 64-74, 2017.
82. Redmond KJ, Lo SS, Soltys SG, Yamada Y, Barani IJ, Brown PD, Chang EL, Gerszten PC, Chao ST, Amdur RJ, De Salles AA, Guckenberger M, Teh BS, Sheehan J, Kersh CR, Fehlings MG, Sohn MJ, Chang UK, Ryu S, Gibbs IC, Sahgal A. Consensus guidelines for postoperative stereotactic body radiation therapy for spinal metastases: results of an international survey. *J Neurosurg Spine* 2017; 26(3):299-306.
83. Refaat MM, Ballout JA, Zakka P, Hotait M, Al Feghali KA, Gheida IA, Saade C, Hourani M, Geara F, Tabbal M, Sfeir P, Jalbout W, Al-Jaroudi W, Jurjus A, Youssef B. Swine Atrioventricular Node Ablation Using Stereotactic Radiosurgery: Methods and In Vivo Feasibility Investigation for Catheter-Free Ablation of Cardiac Arrhythmias. *J Am Heart Assoc*, 6(11), Oct 2017.
84. Rietman EA, Scott JG, Tuszynski JA, Klement GL. Personalized anticancer therapy selection using molecular landscape topology and thermodynamics. *Oncotarget.* 2017 Mar 21;8(12):18735-18745.
85. Scott JG, Berglund A, Schell MJ, Mihaylov I, Fulp WJ, Yue B, Welsh E, Caudell JJ, Ahmed K, Strom TS, Mellon E, Venkat P, Johnstone P, Foekens J, Lee J, Moros E, Dalton WS, Eschrich SA, McLeod H, Harrison LB, Torres-Roca JF. A genome-based model for adjusting radiotherapy dose (GARD): a retrospective, cohort-based study. *Lancet Oncol* 18(2): 202-211, 2017.
86. Scott J, Marusyk A. Somatic clonal evolution: A selection-centric perspective. *Biochim Biophys Acta.* 2017 Apr;1867(2):139-150.
87. Scott JG, Harrison LB, Torres-Roca JF. Genomic biomarkers for precision radiation medicine - Authors' reply. *Lancet Oncol.* 2017 May;18(5):e239.
88. Scott JG, Harrison LB, Torres-Roca JF. Genomic-adjusted radiation dose - Authors' reply. *Lancet Oncol.* 2017 Mar;18(3):e129.
89. Shah C, Badiyan SN, Keith K. An Oncologist's Perspective on the Affordable Care Act. *Am J Clin Oncol* 40(1): 91-93, 2017.
90. Shah C, Banda B, Chandra R, Vicini F. Minimizing Toxicity Associated with Breast Cancer Radiotherapy. *Expert Rev Anticancer Ther* 17(3):187-189, 2017.
91. Shah C, Badiyan SN, Keith K. Addressing the Challenges of Narrow Network Plans in Oncology. *Int J Radiat Oncol Biol Phys* 99:520-523, 2017.
92. Shah, C., Smile, T., Karthik, N., Parsai, S., Stephans, K., Videtic, G. Lung cancer radiation therapy: Defining optimal evidence-based treatment approaches. *Applied Radiation Oncology.* Dec 2016.
93. Shang Q, Godley A, Huang L, Qi P, Xia P: Sensitivity of Array Detector Measurement in Determine Shifts of MLC Leaf Positions. *J. App. Clin. Med. Phys*, 18(5):80-88 (2017).

94. Sharma M, Bennett EE, Rahmathulla G, Chao ST, Koech HK, Gregory SN, Emch T, Magnelli A, Meola A, Suh JH, Angelov L. Impact of Cervicothoracic region Stereotactic Spine Radiosurgery on adjacent Organs-At-Risk. *Neurosurg Focus* 42(1): E14, 2017.
95. Sharma M, Xuefei J, Ahluwalia M, Barnett G, Vogelbaum M, Chao ST, Suh JH, Murphy ES, Yu J, Angelov L, Mohammadi A. First follow-up radiographic response is one of the predictors of local tumor progression and radiation necrosis after stereotactic radiosurgery for brain metastases. *Cancer Medicine* 6(9):2076-2086, 2017.
96. Sharma M, Jia X, Ahluwalia M, Barnett GH, Vogelbaum MA, Chao ST, Suh JH, Murphy ES, Yu JS, Angelov L, Mohammadi AM. Cumulative Intracranial Tumor Volume and Number of Brain Metastasis as Predictors of Developing New Lesions After Stereotactic Radiosurgery for Brain Metastasis. *World Neurosurg*. 2017 Oct;106:666-675.
97. Siddiqui F, Smith RV, Yom SS, Beitler JJ, Busse PM, Cooper JS, Hanna EY, Jones CU, Koefman SA, Quon H, Ridge JA, Saba NF, Worden F, Yao M, Salama JK; Expert Panel on Radiation Oncology - Head and Neck Cancer. ACR appropriateness criteria for nasal cavity and paranasal sinus cancers. *Head Neck*. 39(3): 407-418, 2017.
98. Singh AD, Dupps WJ Jr, Biscotti CV, Suh JH, Lathrop KL, Nairn JP, Shih H. Limbal Stem Cell Preservation during Proton Beam Irradiation for Diffuse Iris Melanoma. *Cornea* 36(1):119-122, 2017.
99. Starr AG, Caimi PF, Fu PF, Massoud MR, Meyerson H, Hsi ED, Mansur DB, Cherian S, Cooper BW, De Lima MJ, Lazarus HM, Gerson SL, Jagadeesh D, Smith MR, Dean RM, Pohlman BL, Hill BT, William BM. Splenic Marginal Zone Lymphoma: excellent outcomes in 64 patients treated in the rituximab era. *Hematology* Aug;22(7):405-411
100. Stephans KL, Kotecha R. Intriguing, but not the right setting. Gray Zone. *International Journal of Radiation Oncology, Biology & Physics*. 2017 Jul 1;98(3):495.
101. Suh JH. Association of Molecular Marker Status With Graded Prognostic Assessment of Lung Cancer With Brain Metastases. *JAMA Oncol* 3:831-832, 2017.
102. Suntharalingam M, Winter K, Ilson D, Dicker AP, Kachnic L, Konski A, Chakravarthy AB, Anker CJ, Thakrar H, Horiba N, Dubey A, Greenberger JS, Raben A, Giguere J, Roof K, Videtic G, Pollock J, Safran H, Crane CH. Effect of the Addition of Cetuximab to Paclitaxel, Cisplatin, and Radiation Therapy for Patients With Esophageal Cancer: The NRG Oncology RTOG 0436 Phase 3 Randomized Clinical Trial. *JAMA Oncol*. 2017 Nov 1;3(11):1520-1528.
103. Tendulkar R, Agrawal S, Pisansky T. Reply to T Seisen, et al, and P Ghadjar, et al. *J Clin Oncol* 2017, 35(13):1491-1492.
104. Tendulkar R. Serial PSA testing with early salvage radiotherapy is a viable option in most high-risk men. *Oncology* 2017, 31(10):750-752.
105. Tsang DS, Murphy ES, Merchant TE. Radiation Therapy for Optic Pathway and Hypothalamic Low-Grade Gliomas in Children. *Int J Radiat Oncol Biol Phys*. 2017 Nov 1;99(3):642-651
106. Tsang DS, Murphy ES, Lucas JT Jr, Lagiou P, Acharya S, Merchant TE. Pseudoprogression in pediatric low-grade glioma after irradiation. *J Neurooncol*. 2017 Nov;135(2):371-379.
107. Tsang DS, Murphy E, Ezell SE, Lucas JT, Jr, Tinkle C, Merchant TE. Craniospinal Irradiation for Treating Metastatic Pediatric Low-Grade Glioma. *J Neurooncol* 134:317-324, 2017
108. Valente S, Tendulkar RD, Cherian S, Shah C, Fanning A, Stewart RA, Grundfest S, Tu C, Yanda C, Radford D, Al-Hilli Z, Grobmyer SR. Intra-operative Radiation for Breast Cancer with IntraBeam™:



Factors Associated with Decreased Operative Times in Patients Having IORT for Breast Cancer. *Front Oncol* 7:237, 2017.

109. Velcheti V, Khunger M, Abazeed ME. Novel EGFR Exon 18 (G721R) Mutation in a Patient with Non-Small Cell Lung Carcinoma with Lack of Response to Afatinib. *J Thoracic Oncol* 12(2): e16-e18, 2017.
110. Venur VA, Funchain P, Kotecha R, Chao ST, Ahluwalia MS. Changing Treatment Paradigms for Brain Metastases From Melanoma-Part 2: When and How to Use the New Systemic Agents. *Oncology (Williston Park)*. 2017;31(9):659-67.
111. Venur VA, Funchain P, Kotecha R, Chao ST, Ahluwalia MS. Changing Treatment Paradigms for Brain Metastases From Melanoma-Part 1: Diagnosis, Prognosis, Symptom Control, and Local Treatment. *Oncology (Williston Park)*. 2017;31(8):602-6.
112. Verma V, Simone CB, Allen PK, Gaijar SR, Shah C, Zhen W, Harkenrider M, Hallemeier CL, Jabbour SK, Matthiesen CL, Braunstein SE, Lee P, Dilling TJ, Allen BG, Nichols EM, Attia A, Zeng J, Biswas T, Paximadis P, Wang F, Walker JM, Stahl JM, Daly ME, Decker RH, Hales RK, Willer H, Videtic GM, Mehta MP, Lin SH. Multi-Institutional Experience of Stereotactic Ablative Radiotherapy for Stage I Small Cell Lung Cancer. *Int J Radiat Oncol Biol Phys* 97:362-371, 2017.
113. Videtic GMM, Woody NM, Reddy CA, Stephans KL. Never too old: A single-institution experience of stereotactic body radiation therapy for patients 90 years and older with early stage lung cancer. *Pract Radiat Oncol*. 2017 Nov -Dec;7(6):e543-e549.
114. Videtic GMM, Donington J, Giuliani M, Heinzerling J, Karas TZ, Kelsey CR, Lally BE, Latzka K, Lo SS, Moghanaki D, Movsas B, Rimner A, Roach M, Rodrigues G, Shirvani SM, Simone CB 2nd, Timmerman R, Daly ME. Stereotactic body radiation therapy for early-stage non-small cell lung cancer: Executive Summary of an ASTRO Evidence-Based Guideline. *Pract Radiat Oncol*. 2017 Sep - Oct;7(5):295-301.
115. Ward MC, Shah C, Adelstein DJ, Geiger JL, Miller JA, Koyfman SA, Singer ME. Cost-effectiveness of nivolumab for recurrent or metastatic head and neck cancer. *Oral Oncol* 74: 49-55, 2017
116. Weller MA, Ward MC, Berriochoa C, Reddy CA, Trosman S, Greskovich JF, Nwizu TI, Burkey BB, Adelstein DJ, Koyfman SA. Predictors of distant metastasis in human papillomavirus-associated oropharyngeal cancer. *Head Neck* 39(5): 940-946, 2017.
117. Wengler CA, Valente SA, AlHilli Z, Woody NM, Muntean JH, Abraham J, Tendulkar RD, Djohan R, O'Rourke C, Crowe JP, Grobmyer SR. Determinants of short and long term outcomes in patients undergoing immediate breast reconstruction following neoadjuvant chemotherapy. *J Surg Oncol* 116:797-802, 2017.
118. Wilkinson JB, Shah C, Amin M, Nadeau L, Shaitelman SF, Chen PY, Grills IS, Martinez AA, Mitchell CK, Wallace MF, Vicini FA. Outcomes according to breast cancer subtype in patients treated with accelerated partial breast irradiation. *Clin Breast Cancer*, 17:55-60, 2017
119. Woody NM, Ward MC, Koyfman SA, Reddy CA, Geiger J, Joshi N, Burkey B, Scharpf J, Lamarre E, Prendes B, Adelstein DJ. Adjuvant Chemoradiation After Surgical Resection in Elderly Patients With High-Risk Squamous Cell Carcinoma of the Head and Neck: A National Cancer Database Analysis. *Int J Radiat Oncol Biol Phys* 98(4): 784-792, 2017.
120. Woody NM, Stephans KL, Andrews M, Zhuang TL, Gopal P, Xia P, Farver CF, Raymond DP, Peacock CD, Reddy CA, Videtic GM, Abazeed ME. A Histologic Basis for the Efficacy of SBRT to the lung. *J Thorac Oncol* 12:510-519, 2017.

121. Woody NM, Greer MD, Reddy CA, Videtic GMM, Chao ST, Murphy ES, Suh JH, Angelov L, Barnett GH, Vogelbaum MA, Stephans KL. Validation of the Disease-Specific GPA for Patients With 1 to 3 Synchronous Brain Metastases in Newly Diagnosed NSCLC. *Clin Lung Cancer* 2017; 19(1):e141-e147.
122. Wunderle K, Godley AR, Shen ZL, Rakowski JT, Dong FF. Percent Depth Doses and X-ray Beam Characterizations for Fluoroscopic System Incorporating Copper Filtration. *Med Phys* 44:1275-1286, 2017
123. Yard BD, Adams DJ, Chie EK, Tamayo P, Battaglia JS, Gopal P, Rogacki K, Pearson BE, Phillips J, Raymond DP, Pennell NA, Almeida F, Cheah JH, Clemons PA, Shamji A, Peacock CD, Schreiber SL, Hammerman PS, Abazeed ME. A genetic basis for the variation in the vulnerability of cancer to DNA damage. *Nat Commun* 7:11428, 2016.
124. Yu N, Xia P, Mastroianni A, Kolar MD, Chao ST, Greskovich JF Jr, Suh JH. Data-driven management using quantitative metric and automatic auditing program (QMAP) improves consistency of radiation oncology processes. *Pract Radiat Oncol* 7(3):e215-e222, 2017.
125. Zhou W, Chen C, Shi Y, Wu Q, Gimple RC, Fang X, Huang Z, Zhai K, Ke SQ, Ping YF, Feng H, Rich JN, Yu JS, Bao S, Bian XW. Targeting Glioma Stem-Cell Derived Pericytes Disrupts the Blood-Tumor Barrier to Improve Drug Delivery and Chemotherapeutic Efficacy. *Cell Stem Cell* 2017, 21:591-603.
126. Zhu H, Almasan A. Development of venetoclax for therapy of lymphoid malignancies. *Drug Des Devel Ther*, 11: 685-694, 2017.

#### ACCEPTED FOR PUBLICATION:

1. Abbassy M, Missios S, Barnett GH, Brewer C, Peereboom D, Ahluwalia M, Neyman G, Chao ST, Suh JH, Vogelbaum MA. Phase I trial of radiosurgery plus bevacizumab in patients with recurrent/progressive glioblastoma. *Neurosurgery* 2017 (Epub ahead of print)
2. Ayala-Peacock DN, Attia A, Braunstein SE, Ahluwalia MS, Hepel J, Chung C, Contessa J, McTyre E, Peiffer AM, Lucas JT, Isom S, Pajewski NM, Kotecha R, Stavas MJ, Page BR, Kleinberg L, Shen C, Taylor RB, Onyeuku N, Hyde AT, Gorovets D, Chao ST, Corso C, Ruiz J, Watabe K, Tatter SB, Zadeh G, Chiang VLS, Fiveash JB, Chan MD. Prediction of New Brain Metastases after Radiosurgery: Validation and Analysis of Performance of a Multi-Institutional Nomogram. *J Neuro-Oncology*. In press, 8/21/2017.
3. Bae HJ, Mian Omar Y, Vaidya D, DeWeese TL, Song DY. Use of 5-alpha-reductase inhibitors as alternatives to luteinizing-hormone releasing hormone (LHRH) analogs or anti-androgens for prostate downsizing before brachytherapy. *Pract Radiat Oncol*. 2017 Oct 10.
4. Balagamwala EH, Manyam BV, Leyrer CM, Karthik N, Smile T, Tendulkar RD, Cherian S, Radford D, AlHilli Z, Vicini F, Shah CS. Care Pathway Alternatives for Early Stage Breast Cancer Radiotherapy: A National Cancer Database Analysis. *The Breast Journal* (Accepted).
5. Balagamwala EH, Manyam BV, Leyrer CM, Karthik N, Smile T, Tendulkar RD, Cherian S, Radford D, AlHilli Z, Vicini F, MD, Shah CS. Most patients are eligible for an alternative to conventional radiation for early stage breast cancer: a National Cancer Database Analysis. Accepted for publication by *The Breast Journal*, June 2017.
6. Balagamwala EH, Miller JA, Reddy CA, Angelov L, Suh JH, Tariq MB, Murphy ES, 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. *J Neurooncol* 2018 Jan 3 (Epub ahead of print)
7. Bennett EE, Vogelbaum MA, Barnett GH, Angelov L, Chao ST, Murphy ES, Yu JS, Suh JH, Elson P, Stevens GHJ, Mohammadi AM. Evaluation of prognostic factors for early mortality after stereotactic

radiosurgery for brain metastases: a Single Institutional Retrospective Review. *Neurosurgery*. 2017 Jun 29. doi: 10.1093/neuros/nyx346. [Epub ahead of print]. PMID: 28673040

8. Chao ST, De Salles A, Hayashi M, Levivier M, Ma L, Martinez R, Paddick I, RØgis J, Ryu S, Slotman BJ, Sahgal A. Stereotactic Radiosurgery in the Management of Limited (1-4) Brain Metastases: Systematic Review and International Stereotactic Radiosurgery Society Practice Guideline. *Neurosurgery* 2017 Nov 3 (Epub ahead of print)
9. Danish H, Ferris M, Balagamwala E, Switchenko J, Patel K, Choudhary M, Craven C, Mendoza P, Suh J, Bergstrom C, Grossniklaus H, Aaberg T, Singh A, Crocker I, Khan MK. Comparative outcomes and toxicity of ruthenium-106 and palladium-103 in the treatment of choroidal melanoma. *Melanom Res* 2018 Jan 3 [Epub].
10. Ferris M, Danish H, Balagamwala E, Switchenko J, Patel K, Choudhary M, Craven C, Mendoza P, Suh J, Bergstrom C, Grossniklaus H, Aaberg T, Singh A, Crocker I, Khan MK. Comparative outcomes and toxicity of ruthenium-106 and palladium-103 in the definitive treatment of choroidal melanoma. *Melanoma Research*. 2018 Jan 3 [Epub]
11. Ferro A, Bae HJ, Yenokyan G, Le Y, McNutt T, Mian Omar Y, Gergis C, Haviland C, DeWeese TL, Song DY. Reductions in prostatic doses are associated with less acute morbidity in patients undergoing Pd-103 brachytherapy: Substantiation of the rationale for focal therapy. *Brachytherapy*. 2017 Nov 23 PMID: 29174937
12. Garrett GL, Blanc PD, Boscardin J, Lloyd AA, Ahmed RL, Anthony T, Bibee K, Breithaupt A, Cannon J, Chen A, Cheng JY, Chiesa-Fuxench Z, Colegio OR, Curiel-Lewandrowski C, Del Guzzo CA, Disse M, Dowd M, Eilers R Jr, Ortiz AE, Morris C, Golden SK, Graves MS, Griffin JR, Hopkins RS, Huang CC, Bae GH, Jambusaria A, Jennings TA, Jiang SI, Karia PS, Khetarpal S, Kim C, Klintmalm G, Konicke K, Koyfman SA, Lam C, Lee P, Leitenberger JJ, Loh T, Lowenstein S, Madankumar R, Moreau JF, Nijhawan RI, Ochoa S, Olasz EB, Otchere E, Otley C, Oulton J, Patel PH, Patel VA, Prabhu AV, Pugliano-Mauro M, Schmults CD, Schram S, Shih AF, Shin T, Soon S, Soriano T, Srivastava D, Stein JA, Sternhell-Blackwell K, Taylor S, Vidimos A, Wu P, Zajdel N, Zelac D, Arron ST. Incidence of and Risk Factors for Skin Cancer in Organ Transplant Recipients in the United States. *JAMA Dermatol*. 2017 Jan 11
13. Harness JK, Davies K, Via, C, Brooks E, Zambelli-Weiner A, Shah C, Vicini F. Meta-Analysis of Local Recurrence of Invasive Breast Cancer after Electron Intraoperative Radiotherapy. *Ann Surg Oncol* 25:137-147, 2018.
14. Huang L, Djemil T, Zhuang TL, Andrews A, Chao ST, Suh JH, Xia P. Treatment Plan Quality and Delivery Accuracy Assessments on Three IMRT Delivery Methods of Stereotactic Body Radiotherapy for Spine Tumors. *Med. Dosim*, in press (2018)
15. Hwang WL, Tendulkar RD, Niemierko A, Agrawal S, Stephans KL, Spratt DE, Hearn JW, Koontz BF, Lee WR, Michalski JM, Pisansky TM, Liauw SL, Abramowitz MC, Pollack A, Moghanaki D, Anscher MS, Den RB, Zietman AL, Stephenson AJ, Efstathiou JA. Comparison between adjuvant and early-salvage post-prostatectomy radiotherapy for prostate cancer with adverse pathologic features. *JAMA Oncol* 2018 Jan 25 [Epub].
16. Juloori A, Shah C, Stephans K, Vassil A, Tendulkar R. Evolving Paradigm of Radiotherapy for High-Risk Prostate Cancer: Current Consensus and Continuing Controversies. *Contemporary Radiation Oncology. Prostate Cancer*. 2016;2420786 (in press)
17. Kalbasi A, Kirk M, Teo BK, Diffenderfer E, Ding X, McDonough J, Murphy E, Hill-Kayser C. Proton craniospinal irradiation during the third trimester of pregnancy. *Pract Radiat Oncol*. 2017 Sep 18 [Epub]

18. Karthik N, Ward MC, Juloori A, Scott J, Mesko N, Shah C. Factors Associated with Acute and Chronic Wound Complications with Patients with Soft-Tissue Sarcoma with Long-Term Follow-Up. *Am J Clin Oncol* 2018 Jan 8 [EPub].
19. Li A, Blandford A, Chundury RV, Traboulsi EI, Anderson P, Murphy E, Parikh S, Perry J. Orbital rhabdomyosarcoma in a child with Leigh syndrome. *J AAPOS*. 2017 Dec 20 [Epub ahead of print] PMID: 29274371
20. Li W, Lu L, Stephans K, Sharma N, Vassil A, Shen Z, Stockham A, Djemil T, Tendulkar R, Xia P. Volumetric-based image guidance is superior to marker-based alignments for stereotactic body radiotherapy of prostate cancer. *J. App. Clin. Med. Phys*, in press (2018).
21. Lu L, Diaconu C, Djemil T, Videtic GMM, Abdel-Wahab M, Yu N, Greskovich J, Jr., Stephans KL, Xia P. Intra- and Inter-fractional Liver and Lung Tumor Motions Treated with SBRT under Active Breathing Control. *J Appl Clin Med Phys*. 19:39-45, 2018.
22. McFarland CD, Yaglom JA, Wojtkowiak JW, Scott JG, Morse DL, Sherman MY, Mirny LA. Passenger DNA alterations reduce cancer fitness in cell culture and mouse models. *Cancer Research* 77:4763-4772, 2017.
23. McTyre E, Ayala-Peacock DN, Contessa JN, Corso C, Chiang V, Chung C, Fiveash JB, Ahluwalia MS, Kotecha R, Chao ST, Attia A, Henson A, Hepel JT, Braunstein SE, Chan MD. Multi-Institutional Competing Risks Analysis of Distant Brain Failure and Salvage Patterns after Upfront Radiosurgery without Whole Brain Radiotherapy for Brain Metastasis. *Annals of Oncology*. In press, 11/17/2017.
24. Manyam BV, Tendulkar RD, Cherian S, Vicini F, Badiyan S, Shah C. Evaluating candidacy for endocrine therapy, hypofractionated radiation therapy, and accelerated partial breast irradiation following breast conserving surgery: A Surveillance Epidemiology and End Results (SEER) Analysis. *Am J Clin Oncol* Sept 2016 [Epub ahead of print]
25. Mendiratta P, Rini B, Tendulkar R. Organ preservation for recurrent urethral adenocarcinoma with concurrent chemotherapy and radiation. *Urology* 2017 Dec 2 [Epub ahead of print]. PMID 29203190.
26. Mian OY, Tendulkar RD, Abazeed ME. The evolving role of molecular profiling in prostate cancer: basal and luminal subtyping transcends tissue of origin. *Transl Cancer Res* 2017. doi: 10.21037/tcr.2017.10.49
27. Miller JA, Balagamwala EH, Chao ST. Role of Stereotactic Radiosurgery in the Management of Brain and Spine Metastases. Accepted to *Current Cancer Therapy Reviews*.
28. Molenaar RJ, Pleyer C, Radivoyevitch T, Sidana S, Godley A, Advani AS, Gerds AT, Carraway HE, Kalaycio M, Nazha A, Adelstein DJ, Nasr C, Angelini D, Maciejewski JP, Majhail N, Sekeres MA, Mukherjee S. Risk of developing chronic myeloid neoplasms in well-differentiated thyroid cancer patients treated with radioactive iodine. *Leukemia* 2017 [EPub]
29. Murphy, ES, Leyrer, CM, Parsons, M, Suh, JH, Chao, ST, Yu, J, Kotecha R, Jia, X, Peereboom, D, Prayson, Stevens, G, Barnett, GH, Vogelbaum, MA, Ahluwalia, MS. Risk Factors for Malignant Transformation of Low Grade Glioma. *Int J Radiat Oncol Biol Phys*. Accepted 12/11/2017. (Ref ROB\_24660/ ROB\_ROB-D-17-01036)
30. Nguyen TK, Senan S, Bradley JD, Franks K, Giuliani M, Guckenberger M, Landis M, Loo BW Jr, Louie AV, Onishi H, Schmidt H, Timmerman R, Videtic GMM, Palma DA. Optimal imaging surveillance after stereotactic ablative radiation therapy for early-stage non-small cell lung cancer: Findings of an International Delphi Consensus Study. *Pract Radiat Oncol*. 2017 Dec 29. pii: S1879-8500(17)30319-3. doi: 10.1016/j.pro.2017.10.008. [Epub ahead of print]

31. Ottino-Löffler B, Scott JG, Strogatz SH. Takeover times for a simple model of network infection. *Physical Review E* (2017) 96, 012313: 13 July 2017 [EPub]
32. Ramey SJ, Agrawal S, Abramowitz MC, Moghanaki D, Pisansky TM, Efstathiou JA, Michalski JM, Spratt DE, Hearn JW, Koontz BF, Liauw S, Pollack A, Anscher MS, Den RB, Stephans KL, Zietman AL, Lee WR, Stephenson AJ, Tendulkar RD. Multi-institutional evaluation of elective nodal irradiation and/or androgen deprivation therapy with post-prostatectomy salvage radiotherapy for prostate cancer. *Eur Urol* 2017 Nov 8 [EPub]
33. Ross RB, Koyfman SA, Reddy CA, Houston N, Geiger JL, Woody NM, Joshi NP, Greskovich JF Jr, Burkey BB, Scharpf J, Lamarre ED, Prendes B, Lorenz RR, Adelstein DJ, Ward MC. A matched comparison of human papillomavirus-induced squamous cancer of unknown primary with early oropharynx cancer. Accepted by *Laryngoscope*, October 2017 [Epub ahead of print]
34. Scharpf J, Ward M, Adelstein D, Koyfman S, Li M. Elucidation of salvage laryngectomy pathologic and clinical variables to guide further treatment intensification investigation. *Laryngoscope*. Sept 2017 [Epub ahead of print]
35. Shah C, Vicini F, Shaitelman SF, Hepel J, Keisch M, Arthur D, Khan AJ, Kuske R, Patel R, Wazer DE. The American Brachytherapy Society Consensus Statement for Accelerated Partial Breast Irradiation. *Brachytherapy* 2017 Oct 23 [Epub ahead of print].
36. Sharma M, Meola A, Bellamkonda S, Jia X, Montgomery J, Chao ST, Suh JH, Angelov L, Barnett GH. Long-Term Outcome Following Stereotactic Radiosurgery for Glomus Jugulare Tumors: A Single Institution Experience of 20 Years. *Neurosurgery* 2017 Dec (Epub ahead of print)
37. Smile TD, Tendulkar R, Schwarz G, Arthur D, Grobmyer S, Valente S, Vicini F, Shah C. A Review of Treatment for Breast-Cancer-Related Lymphedema: Paradigms for Clinical Practice. *Am J Clin Oncol* 41:178-190, 2018
38. Snider C, Yang K, Mack SC, Suh JH, Chao ST, Merchant TE, Murphy ES. Impact of radiotherapy and extent of resection for ependymoma in young children: a population-based study. *Pediatric Blood and Cancer*. 2018;65(3).
39. Stephans KL, Woody NM, Reddy CA, Varley M, Magnelli A, Zhuang T, Qi P, Videtic GM, Tumor control and toxicity for common SBRT dose-fractionation regimens in Stage I NSCLC. *Int J Radiat Oncol Biol Phys* 100:462-469, 2018
40. Tariq MB, Meier T, Suh JH, Reddy CA, Godley A, Kittel J, Hugebeck B, Kolar M, Barrett P, Chao ST. Departmental Workload and Physician Errors in Radiation Oncology. *J Patient Saf*. June 2016 [Epub ahead of print]
41. Tariq MB, Balagamwala EH, Yang K, Suh JH, Angelov L, Mohammadi AM, Barnett GH, Reddy CA, Soeder S, Djemil T, Magnelli A, Godley AR, Qi P, Zhuang T, Chao ST. Spine Radiosurgery for Oligometastatic Spine Disease: a large institutional experience. *J Radiosurg SBRT* Accepted
42. Vargo JA, Ward MC, Caudell JJ, Riaz N, Dunlap NE, Isrow D, Zakem SJ, Dault J, Awan MJ, Higgins KA, Hassanadeh C, Beitler JJ, Reddy CA, Marcrom S, Boggs DH, Bonner JA, Yao M, Machtay M, Siddiqui F, Trotti AM, Lee NY, Koyfman SA, Ferris RL, Heron DE. A Multi-institutional Comparison of SBRT and IMRT for Definitive Reirradiation of Recurrent or Second Primary Head and Neck Cancer. Accepted by *Int J Radiat Oncol Biol Phys*. April 2017 [Epub ahead of print]
43. 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 [EPub]

44. Ward MC, Shah A, Koyfman SA, Nwizu TI, Scharpf J, Burkey BB, Lamarre ED, Adelstein DJ, Greskovich JF, Xia P: The prognostic value of pre-treatment FDG-PET parameters in HPV associated oropharynx cancer. *Journal of Radiation Oncology*. 2016. In Press
45. Ward MC, Riaz N, Caudell JJ, Dunlap NE, Isrow D, Zakem SJ, Dault J, Awan MJ, Vargo JA, Heron DE, Higgins KA, Beitler JJ, Marcrom S, Boggs DH, Hassanzadeh C, Reddy CA, Bonner JA, Yao M, Machtay M, Siddiqui F, Trotti AM, Lee NY, Koyfman SA. Multi-Institution Reirradiation (MIRI) Collaborative. Refining Patient Selection for Reirradiation of Head and Neck Squamous Carcinoma in the IMRT Era: A Multi-Institution Cohort Study by the MIRI Collaborative. Accepted for publication by *Int J Radiat Oncol Biol Phys*. June 2017 [Epub ahead of print]
46. Wilkinson JB, Chen PY, Wallace MF, Shah C, Benitez PR, Martinez AA, Vicini FA. Six-Year Results From a Phase I/II Trial for Hypofractionated Accelerated Partial Breast Irradiation Using a 2-Day Dose Schedule. *Am J Clin Oncol* 2017 Aug 4 [Epub ahead of print].
47. Zhou M, Scott J, Chaudhury B, Hall L, Goldgof D, Yeom KW, Iv M, Ou Y, Kalpathy-Cramer J, Napel S, Gillies R, Gevaert O, Gatenby R. Radiomics in Brain Tumor: Image Assessment, Quantitative Feature Descriptors, and Machine-Learning Approaches. *AJNR Am J Neuroradiol*. 2017 Oct 5 [Epub].
48. Zhuang T, Woody NM, Liu H, Cherian S, Reddy CA, Qi P, Magnelli A, Djemil T, Stephans KL, Xia P, Videtic GMM. Dosimetric Differences between Local Failure and Local Controlled Non-Small Cell Lung Cancer Patients Treated with Stereotactic Body Radiotherapy (SBRT): A Matched Pair Study. Accepted to *Journal of Medical Imaging and Radiation Oncology*.

#### **PUBLISHED BOOK CHAPTERS:**

1. Abazeed ME. Radiogenomics. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 487-494. 2017.
2. Amarnath S. Brachytherapy and Stereotactic Radiosurgery. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 377-398. 2017
3. Amarnath S. Effects of Total Body Irradiation. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 225-242. 2017
4. Balagamwala EH, Leyrer CM, Kittel JA, Almasan A. Chapter 2: Cell survival curves and cell death. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 15-30. 2017
5. Balagamwala EH, Leyrer CM, Kittel JA, Almasan A. Chapter 3: DNA, chromosome and chromatid damage, repair and measurement. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 31-46. 2017
6. Berriochoa C, Leyrer CM, Mastroianni A. Effects of Radiation on Hereditary Damage, Mutations, and Chromosome Aberration. Chapter 3: DNA, chromosome and chromatid damage, repair and measurement. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 273-292. 2017
7. Cheon HJ. Gene Therapy. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 399-414. 2017
8. Cui T, Qi P. Radiation Protection. In: *Radiation Biology Self-Assessment Guide*. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 343-360. 2017.

9. Dharmaiah S, Rao V, Yu JS. Hyperthermia. In: Radiation Biology Self-Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 437-454. 2017.
10. Dong F, Wunderle K, Balik S. Doses and Risks in Nonradiation Oncology Subspecialties. In: Radiation Biology Self-Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 307-342. 2017
11. Finkelstein SE, Vicini F, Shah C. Breast Radiotherapy in Oncoplastic Surgery. In Partial Breast Reconstruction: Technique in Oncoplastic Surgery, 2nd edition, New York, NY, Thieme Publishers, 2017.
12. Greskovich JF Jr, Naik M, Apple M. Chapter 1: Interaction of radiation with matter. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 1-14. 2017
13. Grobmyer SR, Valente S, Cherian S, Pederson HJ, Abraham J. Locoregional Therapy Following Neoadjuvant Therapy for HER2-Positive Breast Cancer: Opportunities and Challenges.
14. Huang H, Yu JS. Stem cells. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 455-470. 2017
15. Joshi N, Woody N. Chemotherapy and Targeted Agents. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 415-436. 2017.
16. Joshi N, Woody N. Immunotherapy. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 471-486. 2017
17. Juloori A, Xiang C, Weller MA, Yu JS. Chapter 16: Radiation Sensitizers, Radioprotectors, and Bioreductive Drugs. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 243-254. 2017
18. Juloori A, Xiang C, Weller MA, Yu JS. Chapter 5: Radiation Damage Repair and Models for Normal Tissues. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 57-72. 2017
19. Kost S, Godley A. Alternative Radiation Therapy Modalities. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 361-376. 2017
20. Kshetry VR, Yu JS, Venur VA, Ahluwalia M, Recinos P, Comprehensive Management of Chordoma, In: Raghavan D, Blamke C, Reaman G, Kim E, Brown J, Sekeres M, Ahluwalia M, editors, Textbook of Uncommon Cancer. 5<sup>th</sup> ed. New Jersey: Wiley-Blackwell, 2017:847-855.
21. Lee D. Chapter 14: Impact of Time, Dose, and Fractionation in Radiation Oncology. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 203-224. 2017
22. Leyrer CM, Balagamwala EH, Berriochoa, C. Chapter 8: Assays for cell, tissue and solid tumors. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 99-114. 2017
23. Leyrer CM, Berriochoa C, Balagamwala EH. Chapter 11: Model tumor systems and predictive assays. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 147-164. 2017
24. Manyam BV, Weller MA. Radiation carcinogenesis. Chapter 17: Model tumor systems and predictive assays. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 255-272. 2017

25. Pham Y, Shah C. Chapter 7: Linear Energy Transfer and Relative Biological Effectiveness. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 85-98. 2017
26. Pham Y, Oh S. Effects of Radiation on the Embryo and Fetus. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 293-306. 2017
27. Shah C, Harris E, Holmes D, Vicini F. Chapter 51: Partial Breast Irradiation: Accelerated and Intraoperative. In Bland K, Copeland E, Klimberg VS, Gradishar W, The Breast, 5th edition. New York, New York, Elsevier, 2017: 706-715.
28. Ward MC, Ross RB. Chapter 12: Cell kinetics. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 165-182. 2017
29. Yang K, Yu JS. Chapter 9: Molecular Techniques, Assay Systems, and Signaling in Radiobiology. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 115-130. 2017.
30. Yang K, Yu JS. Chapter 10: Biology of cancer. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 131-146. 2017
31. Yard BD, Abazeed ME. Chapter 4: Radiosensitivity and the Dose-Rate Effect. In: Radiation Biology Self-Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 47-56. 2017
32. Yu JS, Brown M, Suh JH, Ma L, Sahgal A. Radiobiology of Radiotherapy and Radiosurgery. In Winn HR, editor. Youmans Neurological Surgery. 7th ed. Philadelphia: Elsevier 2144-2154. 2017.
33. Yu X, Yu JS, Bar E. Chapter 6: Hypoxia, Oxygen, Reoxygenation, and Angiogenesis. In Radiobiology Self Assessment Guide. Eds. Yu JS, Abazeed M. New York, NY, Demos Medical. p. 73-84. 2017

#### **EDITORS OF TEXTBOOKS:**

1. Yu JS, Abazeed M, Editors. Radiation Biology Self-Assessment Guide. New York: Demos Medical Publishing LLC, 2017

#### **ACCEPTED BOOK CHAPTERS:**

1. Amarnath S. Intraoperative Radiation Therapy (IORT). In Illustrated Tips and Tricks: Colorectal Surgery. Edited by Steele, S.
2. Anderson CM. In: Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 119-127.
3. Ayala-Peacock D, Jolly S, Amarnath S, Albuquerque K. CT and MRI Simulation for Radiation Planning. In: K Albuquerque, S Beriwal, A Viswanathan, B Erickson (ed) Radiation Therapy Techniques for Gynecologic Cancers: A Modern Comprehensive Approach. (Part of the Practical Guides in Radiation Oncology Series, Editors: Lee, N, Lu J.). 2017
4. Balagamwala EH, Murphy ES. Ewing's Sarcoma. In: Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 557-566.



5. Balagamwala EH, Murphy ES. Pediatric Hodgkin's Lymphoma. In: Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 567-579.
6. Balagamwala EH, Tendulkar RD. Testicular Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 382-289.
7. Balagamwala EH, Vassil A. Bone Metastasis. In: Essentials of Clinical Radiation Oncology. 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 589-595.
8. Balagamwala EH, Amarnath S. Colorectal Cancer. In: Essentials of Clinical Radiation Oncology. 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp.
9. Berriochoa C, Amarnath S, Cherian S. Vaginal Cancer. In: Essentials of Clinical Radiation Oncology. 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 438-444.
10. Berriochoa CA, Tendulkar RD. Post-Prostatectomy Radiation Therapy. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2017, pp. 363-373.
11. Berriochoa C, Videtic G. Small Cell Lung Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018. pp. 235-246.
12. Berriochoa C, Manyam B, Murphy E. Medulloblastoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp 496-509.
13. Berriochoa C, Videtic GMM. Esophageal cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018. Pp: 262-273.
14. Chao ST, Rogers CL. External Beam Radiation for Meningiomas. In Meningiomas. Editors: Dr. Michael McDermott and Dr. Phillip Theodosopoulos) pending publication
15. Chao ST, Murphy EM, Lo S, Suh JH. SRS and SBRT Complications and Management. Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy: A Comprehensive Guide (in process)
16. Fenner J, Chao ST, Murphy ES. Primary Central Nervous System Lymphoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 32-37
17. Gandhidasan S, Ward MC, Shah C. Adult Hodgkin's Lymphoma. In: Ward MC, Tendulkar RD, Videtic GMM, eds. Essentials of Clinical Radiation Oncology. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018. Pp. 450-460.
18. Harris TJ, Chao ST, Rogers CL. Meningioma. Adult CNS Radiation Oncology: Principles and Practice (pending publication)

19. Joshi N, Adelstein D, Burkey B. Chapter 1: Head and Neck Cancer. Bethesda Hand Book of Clinical Oncology, 5th edition, Lippincott Williams & Wilkins – editor Dr. Jame Abraham
20. Juliano JJ. Palliative radiotherapy. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing. 2018. Pp: 608-613.
21. Juloori A, Joshi NP. Malignant cutaneous melanoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing. 2018. Pp: 136-143.
22. Juloori A, Amarnath SR. Anal cancer. In: Ward MC, Tendulkar RD, Videtic GMM, eds. Essentials of Clinical Radiation Oncology. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018. Pp. 323-331.
23. Juloori A, Yu JS, Chao ST. Glioblastoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing. Pp. 2-10, 2018
24. Juloori A. Laryngeal cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing. Pp. 95-103, 2018
25. Jung EW, Lee NJ, Suh JH. Pituitary adenoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 38-44.
26. Kittel J, Suh JH. Vestibular schwannoma. In Essentials of Radiation Oncology, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 50-57
27. Kost S, Wilkinson A, Belfi C, Blair H, Amarnath S. Gynecologic Cancer. In: Xia P and Godley A (ed) Clinical Physics Handbook.
28. Kotecha R, Mian OY, Tendulkar RD. Penile Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 390-397.
29. Kotecha R, Tendulkar RD. Urethral Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 398-402.
30. Koyfman SA, Manyam BV, Joshi N, Yom SS. Role of radiation therapy in the treatment of skin malignancies. Cutaneous Malignancies: A Surgical Perspective. Ed. Gastman BR. Thieme Publishing. 2018
31. Kruse M, Varella L, Valente S, Lebda P, Vassil A, Abraham J. Breast Cancer. In: The Bethesda Handbook of Clinical Oncology, 133 – 171 (Lippincott, Williams & Wilkins, *to be in print in 2018*)
32. Kshetry VR, Yu JS, Venur VA, Ahluwalia M, Recinos P, Comprehensive Management of Chordoma, In: Raghavan D, Blamke C, Reaman G, Kim E, Brown J, Sekeres M, Ahluwalia M, editors, Textbook of Uncommon Cancer. 5th ed. New Jersey: Wiley-Blackwell, in press.
33. Kumar AMS, Ward MC. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 473-481.

34. Leyrer M and Abazeed ME. Pancreatic adenocarcinoma. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 294-309.
35. Leyrer CM, Murphy ES. Neuroblastoma. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 536-548.
36. Leyrer CM, Videtic GMM. Superior Vena Cava Syndrome. In: *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 603-607.
37. Manyam B, Tendulkar RD. Intermediate- and High-Risk Prostate Cancer. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 349-362.
38. Manyam B, Stephans KL, Videtic GMM. Gastric Cancer. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 274-283.
39. Manyam BV, Berriochoa CA, Shah C. Malignant Spinal Cord Compression. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018:pp. 598-604.
40. Manyam BV, Varra V, Chao ST. Trigeminal neuralgia. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp, 45-49.
41. Manyam BV. Oral cavity. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp
42. Marwaha G, Ward MC, Stephans KL, Videtic GMM. Early-Stage Non-Small-Cell Lung Cancer. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 215-225.
43. Marwaha G, Suh JH, Singh AD. Uveal (Choroidal) Melanoma. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 58-65
44. Merchant TE, Murphy ES. Radiotherapy of pediatric brain tumors. *Principals and Practice of Pediatric Neurosurgery*. Jan 2014.
45. Parsai, S, Weller, M. Chapter 12: Nasopharyngeal Cancer. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 88-94.
46. Parsai S, Sharrett, J., Amarnath, SR. Endometrial Cancer. E In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 414-430.
47. Parsai S., Chao, S. Anaplastic Glioma. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 11-15.

48. Parsai S., Gandhidasan S., Suh J. Central Neurocytoma. *Adult CNS Radiation Oncology: Principles and practice*. Springer.
49. Parsai S, Joshi NP, Koyfman SA. Oropharynx Cancer. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1st ed. New York, NY: Demos Medical; 2018. Pp. 66-79.
50. Pham YP, Tendulkar RD. Locally Advanced Breast Cancer. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 182-194.
51. Pham YP, Tendulkar RD. Low Risk Prostate Cancer. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 332-348.
52. Pham YP, Chao ST, Murphy ES. Rhabdomyosarcoma. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 528-535
53. Shah C, Harris E, Holmes D, Vicini F. Partial Breast Irradiation: Accelerated and Intraoperative. In *The Breast*, 5th edition. New York, New York, Elsevier, 2017. 706-715.
54. Shah C, Joshi N, Manyam B. Basic Principles of Radiation Oncology. In *Bethesda Handbook of Clinical Oncology*, 5<sup>th</sup> edition.
55. Shah C. Radiation Therapy for Benign Diseases. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018:616-619.
56. Sharrett J, Shah C, Tendulkar RD. Ductal Carcinoma in Situ. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 195-206.
57. Sharrett J, Kittel J, Shah C. Soft Tissue Sarcoma. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018:484-494.
58. Sharrett J, Videtic GMM. Thymoma. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018. Pp. 254-261.
59. Shukla ME, Cherian S. Cervix Cancer. In *Essentials of Radiation Oncology*, 1st Edition, eds Mathew Ward MD, Rahul Tendulkar MD, and Gregory Videtic MD. New York, NY, Demos Medical, 2018, pp 404-413.
60. Stephans KL, Kotecha R, Woody NM, Videtic GMM. Chapter XX: Radiation Therapy for Lung Cancer. In *Shields General Thoracic Surgery*, 8th Edition, eds Joseph LoCicero MD, Richard Feins MD, Gaetano Rocco MD, Yolonda Colson MD, and Bryan Meyers MD. Philadelphia, PA, Lippincott Williams and Wilkins, In press
61. Stockham AL, Schwartz DJ. Meningioma. In *Essentials of Clinical Radiation Oncology*, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 24-31.
62. Tendulkar R, Shah C. Early-Stage Breast Cancer. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> ed. New York, NY: Demos Medical, 2018. 158-181.
63. Tom MC, Berriochoa C, Shah C. Recurrent Breast Cancer. In: Ward MC, Tendulkar RD, Videtic GMM, eds. *Essentials of Clinical Radiation Oncology*. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018:207-214.

64. Tom M, Koyfman SA, Joshi, NP. Salivary Gland Tumors. In: Ward MC, Tendulkar RD, Videtic GMM, eds. Essentials of Clinical Radiation Oncology. 1st ed. New York, NY: Demos Medical; 2018: pp. 104-113.
65. Tom MC, Suh JH, Chao ST. Spinal Cord Ependymoma. Adult CNS Radiation Oncology: Principles and Practice (pending publication)
66. Tom MC, Smile TD, Murphy ES. Craniopharyngioma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 523-527
67. Tom MC, Murphy ES. Low grade glioma. In Essentials of Clinical Radiation Oncology, 1st edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 16-23.
68. Varra V, Ward MC, Videtic GMM. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018. Pp. 150-157.
69. Videtic GMM. Stereotactic Body Radiation Therapy by Indication. In: Stereotactic Radiosurgery and Stereotactic Body Radiotherapy: A comprehensive guide. Eds.: Trifiletti DM, Chao ST, Sahgal A, Sheehan JP. Springer Science, Media, PA. In press, 2017.
70. Videtic GMM, Macklis R. Tumors of the Heart and Great Vessels. In: Perez and Brady's Principles and Practice of Radiation Oncology. 7<sup>th</sup> ed. Eds.: Halperin EC, Wazer De, Perez CA, Brady LW. Wolters Kluwer/Lippincott Williams & Williams, Philadelphia, PA. In press, 2017.
71. Videtic GMM, Manyam BV. Mesothelioma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 247-253.
72. Ward MC, Shah C. Aggressive Non-Hodgkin's Lymphoma. In: Ward MC, Tendulkar RD, Videtic GMM, eds. Essentials of Clinical Radiation Oncology. 1<sup>st</sup> ed. New York, NY: Demos Medical; 2018:461-472.
73. Ward MC, Amarnath SR. Vulvar Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 430-437.
74. Ward MC, Videtic GMM. Stage III Non-small Cell Lung Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018. Pp: 226-234.
75. Ward MC, Joshi NP. Merkel Cell Carcinoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 144-149.
76. Ward MC, Suh JH, Murphy ES. Brainstem glioma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 516-527.
77. Ward MC, Suh JH. Brain metastases. In: Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 580-588.

78. Weller MA, Berriochoa CA, Tendulkar RD. Bladder Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 374-381.
79. Weller MA, Amarnath SR. Uterine Sarcoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018, pp. 445-449.
80. Woody NM, Sharrett J. Nonmelanoma Skin Cancer. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018. Pp. 128-135.
81. Woody NM, Stephans KL. Hepatocellular Carcinoma. In Essentials of Clinical Radiation Oncology, 1<sup>st</sup> edition. Edited by Ward MC, Tendulkar RD, and Videtic GMM. New York, NY: Demos Medical Publishing; 2018. Pp. 284-293.

#### EXTERNAL PRESENTATIONS:

YROC in Udaipur, India, January 27, 2017

1. Chao S. Spine Radiosurgery – Post Treatment Imaging and Toxicity
2. Chao S. Frameless and Multisession SRS for Benign Brain Tumors
3. Chao S. Contouring for Spine SBRT – Intact and Postoperative

Visiting Professor Lecture, Rutgers Cancer Institute, NJ, February 7, 2017

1. Tendulkar R. Post-Prostatectomy Radiation Therapy for Prostate Cancer

Physical Science in Oncology, NCI meeting, Tempe, AZ, February 2017

1. Scott J. Modeling the evolution of resistance: we've done the math, now what?,

Visiting Professor Lecture, Rush, February 10, 2017

1. Chao S. Updates in Radiosurgery for Brain and Spine Metastases

10<sup>th</sup> Annual International Symposium, on Stereotactic Body Radiation Therapy and Stereotactic Radiosurgery. Lake Buena Vista, FL February 24-26, 2017

1. Murphy ES. Pediatric Brain Radiosurgery. February 24, 2017
2. Suh J. Whole Brain Radiation for Multiple Brain Metastases- Debate
3. Stephans KL. Cholangiocarcinoma SBRT and Challenging Cases. February 26, 2017
4. Tendulkar R. Breast Cancer Radiotherapy: Time for a Stereotactic Approach? February 26, 2017
5. Stephans KL. SBRT for Stage I NSCLC. February 26, 2017
6. Chao S. Radiobiology of Radiosurgery and Radiation Necrosis / ARE. Feb 24, 2017
7. Ciezki JP. Prostate Brachytherapy. Feb 25, 2017

Visiting Professor Lecture, UT San Antonio, TX, February 27, 2017

1. Chao S. Updates in Brain and Spine Radiosurgery for Metastases

American College of Radiation Oncology Annual Meeting, Orlando, FL, March 9, 2017

1. Tendulkar R. Update on the Status of Adjuvant and Salvage Post-Prostatectomy Radiotherapy

Multidisciplinary Head and Neck Cancer Update 2017, Cleveland Clinic, Orlando, FL, March 9-11, 2017

1. Woody NM. Prognosis and treatment strategies for recurrent head and neck cancer
2. Joshi N. Adjuvant management decisions in head and neck melanoma
3. Joshi N. Panelist for head and neck.
4. Greskovich J. Re-irradiation Panel Discussion.
5. Greskovich J. Adjuvant Radiation Therapy for Salivary Gland Tumors
6. Greskovich J. Risk Stratifying Early Stage Larynx Cancer: Should T2bN0 Patients receive ChemoIMRT

7. Greskovich J. Oropharyngeal Cancer Panel Discussion
8. Greskovich J. Is Dose De-escalated Radiation Ready for Prime Time in Favorable HPV-associated Oropharynx Cancer?

Stanford University Visiting Professor/Grand Rounds, Palo Alto, CA, March 17, 2017

1. Suh JH. Leadership Lessons Learned as Chair
2. Suh JH. Contemporary Management of Brain Metastases. March 17, 2017

Cornell Applied Mathematics Colloquium, Ithaca, NY, April 2017

1. Scott J. Understanding the evolution of resistance: an integrated theoretical and experimental research program

Memorial Sloan Kettering Multidisciplinary Spine Conference, New York City, NY, April 7, 2017

1. Chao S. Debate: Fractionated Spine Stereotactic Radiosurgery

American Society of Breast Surgeons Annual Meeting, Las Vegas, Nevada, April 2017

1. Shah C. The Future of Survivorship

Advisory Committee on the Medical Uses of Isotopes (ACMUI) Spring Meeting, Rockville MD, April 26-27, 2017

1. Suh JH. Medical Event Reporting for All Modalities Excluding Permanent Implant Brachytherapy. April 27, 2017

Cleveland Clinic Pituitary Conference, Cleveland, OH, April 28, 2017

1. Chao S. Radiation for Cushing's Disease

ECOG-ACRIN, Scientific Session, Annual Meeting, Washington, DC, May 4, 2017

1. Mian O. Circulating tumor DNA (ctDNA) as a precision tool in radiotherapy

American Radium Society 99<sup>th</sup> Annual Meeting, Colorado Springs, CO, May 7, 2017

1. Stephans K. EduCase Contouring Session for Pancreatic and Liver SBRT, moderator
2. Balagamwala EH, Manyam BV, Leyrer CM, Karthik N, Smile T, Tendulkar RD, Cherian S, Radford D, Al Hilli Z, Vicini F, Shah CS. Care Pathway Alternatives for Early Stage Breast Cancer Radiotherapy: A National Cancer Database Analysis.

Surface Guided Radiation Therapy Annual Meeting, Dallas, TX, May 18-19, 2017

1. Shah C. SGRT and Breast Cancer Radiotherapy: The Cleveland Clinic Experience
2. B Guo. Transition from Skin Marks to Surface Guided Radiation Therapy (SGRT) for Breast Treatments: Knowing the Difference.

19th Annual Innovations in Neuroscience meeting, Beachwood, OH, May 19, 2017

1. Murphy EM. Radiotherapy for CNS Disease- What you Need to Know.

TARGIT Collaborative Group, Las Vegas, Nevada, May 2017

1. Larson KE, Valente SA, Shah C, Tendulkar RD, Cherian S, Radford D, Fanning, A, Stewart R, Yanda C, Tu C, Grobmyer SR. Are Breast Cancer Patients Traveling for IORT Treatment?
2. Amarnath S. Intraoperative Radiation Therapy for Rectal Cancer: The CCF Experience.
3. Larson KE, Valente SA, Shah C, Tendulkar RD, Cherian S, Abraham J, Budd T, Radford D, Fanning A, Stewart R, Yanda C, Tu C, Grobmyer SR. Oncotype™ Testing in Patients Undergoing IORT for Breast Cancer: Is it Indicated? (poster)
4. Larson KE, Valente SA, Shah C, Tendulkar RD, Cherian S, Radford D, Fanning, A, Stewart R, Yanda C, Tu C, Grobmyer SR. Are Breast Cancer Patients Traveling for IORT Treatment? (poster)

Varian Symposium, Chicago, IL, May 2017

1. Shah C. The Cost-Effectiveness of Breast Cancer Radiation Therapy

RSS Webinar, May 19, 2017

1. Chao S. Combination of Targeted Therapies and SRS for Brain Metastases.

Medical Innovation Update, St. Matthew's University, Grand Cayman Island, June 9, 2017

1. Greskovich J. Saving Lives with Innovative Radiation Technologies

Visiting Professor/Grand Rounds, University of Pittsburgh Medical Center (UPMC), Pittsburgh, PA, June 9, 2017

1. Suh JH. Contemporary management of brain metastases.

AANS/ASTRO Stereotactic Radiosurgery Course for Neurosurgery and Radiation Oncology Residents, Pittsburgh, PA, June 9-11, 2017

1. Suh JH. Radiobiology of Radiosurgery, PM June 9, 2017
2. Chao ST. Stereotactic Radiosurgery: Technical considerations, indications, and limitations. June 11, 2017

American Society of Colon and Rectal Surgeons, Seattle, WA. June 12, 2017.

1. Amarnath S. The Use of Radiation in Rectal Cancer in a Multidisciplinary Setting

ASCO 2017, Chicago, IL, June 2017

1. Kotecha R, Miller J, Chao ST, Mohammadi AM, Murphy ES, Suh JH, Barnett GH, Vogelbaum MA, Angelov L, Ahluwalia MS. What Drives Patient Outcomes in Brain Metastases: Number, Volume, or Biology?
2. Suresh Kumar Balasubramanian, Philipp Schmitt, Meena Sadaps, Vidhya Karivedu, Debra Kangisser, Samuel T. Chao, Erin Sennett Murphy, John H. Suh, Manmeet Singh Ahluwalia, Arun D Singh, David M. Peereboom Outcomes of primary central nervous system lymphoma in the era of immunotherapy: Cleveland Clinic experience.
3. Suryanarayan Mohapatra, April Choi, Kelly Braun, Erin Sennett Murphy, Samuel T. Chao, John H. Suh, Glen Stevens, David M. Peereboom, Xuefei Jia, Manmeet Singh Ahluwalia. Comparative outcomes in glioblastoma based on age and MGMT analysis: the Cleveland Clinic experience.
4. Derek S. Tsang, Erin Sennett Murphy, Thomas E. Merchant. Long-term outcomes after irradiation (RT) for pediatric low-grade glioma
5. Jason Fangusaro, Shengjie Wu, Shannon MacDonald, Erin Murphy, Dennis Shaw, Ute Bartels, Soumen Khatua, James Boyett, Arzu Onar-Thomas, Maryam Fouladi, Amar Gajjar and Girish Dhall. A Phase 2 Trial of Response-Based Radiation Therapy for Patients with Localized Central Nervous System Germ Cell Tumors (CNS GCT): A Children's Oncology Group (COG) study. (Late Breaking Abstract)
6. Whitworth PW, Shah C, Vicini F, Cooper A. Reducing Chronic Breast Cancer Related Lymphedema Utilizing a Program of Prospective Surveillance with Bioimpedance Spectroscopy (BIS).
7. Chao S. ASTRO Update. (oral)

International Workshop on Notch Targeting in Cancer, Konnos Bay, Cyprus, June 2017

1. Yu J. Hypoxic Regulation of Notch1 Turnover in Glioma Stem-like Cells

Roswell Park, GI Disease Research Group Speaker, 6/21/17, Buffalo, NY.

1. Stephans K. SBRT for hepato-biliary malignancies. 6/21/17

International Stereotactic Radiosurgery Society, Montreux, Switzerland. May28-June 1, 2017.

1. Sharma M, Meola A, Elson P, Schroeder JL, Barnett GH, Vogelbaum MA, Suh JH, Chao S, Mohammadi A, Stevens G, Murphy E, Angelov L.

GI Tumor Board, Flower Hospital, Toledo, OH, June 21, 2017

1. Woody NM. Radiotherapy in Hepatic Tumors

Head and Neck Tumor Board Visiting Faculty, Akron General, Akron, OH, June 30, 2017

1. Joshi N.

Mathematical Models of Evolution, London, UK, July 2017

1. Scott J. The game's the thing: how we'll learn the evolution of the king [of all maladies]

3rd Annual Spine Tumor Management, Cleveland, OH, July 11-12, 2017

1. Suh JH. Conventional Radiotherapy in the Management of Spine Tumors. July 11, 2017



2. Chao ST. Stereotactic Radiosurgery for Benign Tumors, July 12, 2017

Princess Margaret Hospital, Toronto, Canada, July 2017

1. Abazeed M. Invited speaker.

Mass General Hospital, Harvard University, July 2017

1. Yu J. Glioma Stem Cells in Their Niches

AAPM 59th Annual Meeting, Denver, CO, July 30-August 3, 2017

1. Andrews M, Lin S, Joshi N, Koyfman S, Murray E, Yu N, Xia P: Assessing Dosimetric Effects On Rejected Head and Neck Kilo-VoltageCone-Beam CTs. (e-poster)
2. Cui T, Ward M, Murray E, Potter J, Dorfmeier A, Joshi N, Greskovich J, Xia P: Using Machine Learning to Predict Radiation Induced Toxicities for Oropharyngeal Cancer. (oral presentation)
3. Dapaah-Afiyie B, Astrahan M, Singh A, Berry J, Wilkinson DA: Dosimetric Comparison of 2D and 3D Episcleral Plaque Treatment Planning. (eposter)
4. Donaghue J, Gajdos S: Intercomparison of Three Gamma Knife Perfexions Using the Installer Diode Tool. (poster)
5. Donaghue J, Gajdos S: Using the Installer Diode Tool to Track Stability of a Gamma Knife Perfexion. (poster)
6. Duart I, Cui T, Yin F, Cal J: Ventilation and Strain for Lung Functional Mapping: Which One Is More Sensitive Biomarker to Deformation Changes? (eposter)
7. Gajdos S, Donaghue J: Reliability and Reproducibility of a Diode Tool for Profile Measurement for Gamma Knife Perfexion. (poster)
8. Giaddui T, Geng H, Chen Q, Radden M, Linnemann N, Lee N, Xia P, Xiao Y: Investigating the Effect of Dosimetric Outliers On the Performance of RapidPlan Models: A Study Based On Multi-Institutional NRG-HN001 Head and Neck Clinical Trial. (poster)
9. Guo B, Shah C, Xia P: Automatic Treatment Planning for Whole Breast Radiation Therapy Using Hybrid IMRT. (poster)
10. Lu L, Diaconu C, Lin S, Djemil T, Videtic G, Abdel-Wahab M, Yu N, Greskovich J, Stephans K, Xia P: Active Breathing Controlled Intra-Fractional Liver Motion Is Patient Specific. (oral)
11. McDermott R, Godley A, Balik S: MLC Consistency and Patient Specific VMAT QA with Log Files. (poster)
12. Ouyang, Z, Moreau M, Yasmin-Karim S, Ngwa W: Zinc Oxide Nanoparticles Excited by Cerenkov Radiation Increase Cancer Cell Killing in External Beam Radiotherapy (oral presentation)
13. Petronek M, Sands M, Zhuang T, Magnelli A, Qi P, Balik S: Monitor Unit Correction of Homogeneous Treatment Planning in Lung SBRT Patients with Very-Low Lung Density. (poster)
14. Qiu L, Stephans K, Shah C, Godley A: Incorporating Mutual Information Into Atlas Selection for Multi-Atlas Based Rectum Auto-Contouring. (eposter)
15. Qiu L, Vassil A, Godley A: Online Adaptive VMAT Planning Based On Deformed Dose for Patients Undergoing Concurrent Prostate, Seminal Vesicle and Lymph Node Treatment. (eposter)
16. Richards Z, Wilkinson DA: TG43-TG186 Dosimetric Comparison of a SAVI Applicator. (poster)
17. Sands M, Cui T, Murray E, Koyfman S, Joshi N, Woody N, Xia P: Dosimetric Trade-Off Between Dose Calculation Precision and Speed for Head and Neck Plans with Large Superior and Inferior Tumor Extent. (poster)
18. Sands M, Petronek M, Zhuang T, Magnelli A, Qi P, Stephans K, Videtic G, Balik S: Lung Density Threshold Analysis for Clinical Acceptability When Using Homogeneous Dose Calculation for Lung SBRT Patients. (poster)
19. Smith A, Stephans K, Kolar M, Mian O, Tendulkar R, Xia P, Godley A: Real-Time Monitoring of the Prostate Bed Using Ultrasound. (poster)
20. Verdecchia K, Balik S, Xia P: Dosimetric Effects Due to Indexing Clips On An Immobilization Device. (poster)
21. Verdecchia K, Qiu L, Magnelli A, Balik S, Kost S, Godley A, Xia P: Validation of Deformable Image Registration Software Using a Standard CT Phantom. (e-poster)
22. Yu N, Murray E, Meier T, Barrett P, Suh J, Chao S, Xia P: Systematic Reduction of Table Position Overrides and Radiation Incidents During External Beam Radiation Therapy.(Oral)

STARTX, State of the Art Radiation Therapy, Sydney, Australia. August 2018

1. Scott J. Modelling the evolution of resistance: an integrated theoretical and experimental research program.
2. Scott J. Personalized radiation therapy: the future is here.
3. Scott J. Mathematical Oncology 101: a primer for radiation oncologists.

ICON Group, Brisbane, Australia, August 2017

1. Scott J. The Future of Radiation Therapy is Here

Cleveland Clinic Ambulatory Urology Symposium, Cleveland, OH, September 15, 2017

1. Stephans K. Bladder Cancer Case Discussion, panel -member

ACMUI Fall Meeting, Rockville, MD, September 11-12, 2017

1. Suh JH. Physical Presence Requirements for the Leksell Gamma Knife Icon Subcommittee Report. September 12, 2017

ASTRO (American Society for Radiation Oncology) 59th Annual Meeting, San Diego CA, September 24-27, 2017

1. Abazeed, M. Division of Labor and Plasticity in a Phenotypically Diverse Intratumoral Ecosystem Promotes Therapeutic Resistance in Small Cell Lung Carcinoma. Poster
2. Abu-Gheida I. Total Body MRI-Based Distribution of Active Bone Marrow in Young Children. Poster
3. Balagamwala EH, Leyrer CM, Suh JH, Berriochoa CA, Amarnath S, Stephans KL, Cherian S. Intraoperative Radiotherapy for the Treatment of Locally Advanced and Recurrent Abdominopelvic Tumors. Poster
4. Balagamwala EH, Stephans KL, Reddy CA, Woody NM, Videtic GMM. Comprehensive Analysis of Toxicity and Pulmonary Function Tests in Patients Undergoing Repeat Lung Stereotactic Body Radiotherapy (SBRT) After Initial Lung SBRT. Poster
5. Balagamwala EH, Berriochoa CA, Leyrer CM, Reddy CA, Stephans KL, Raja S, Raymond D, Murthy S, Bhatt A, Jang S, Sanaka M, Videtic BMM. T1N0 Esophageal Cancer: A Patterns of Care and Survival Analysis. Poster
6. Berriochoa CA, Balagamwala EH, Leyrer CM, Reddy CA, Videtic GMM, Sohal D, Adelstein DA, McNamara M, Raymond D, Murthy S, Raja S, Stephans KL. Definitive Radiation Therapy for Patients with Metastatic Esophageal Squamous Cell Carcinoma Improves Survival: an NCDB Analysis. Poster
7. Berriochoa CA, Balagamwala EH, Reddy CA, Stephans KL, Leyrer CM, Sohal D, Adelstein DA, McNamara M, Juloori A, Raymond D, Murthy S, Raja S, Videtic GMM. The role of adjuvant therapy for patients with early esophageal cancer who are pathologically upstaged following esophagectomy: an NCDB analysis. Poster
8. Ciezki JP, Reddy CA, Haber GP, Kaouk J, Stephenson A, Berglund R, Klein EA. The Effect of Prostatectomy Technique on Genitourinary Toxicity. Poster
9. Ciezki JP, Reddy CA, Weller M, Tendulkar R, Stephans K, Klein EA, Ulchaker J, Angermeier K, Campbell S, Stephenson A. The Effect of Androgen Deprivation Therapy on Prostate Cancer-Specific Mortality in Patients with High-Risk Prostate Cancer Treated with I-125 Brachytherapy as the Sole Radiation Therapeutic Modality. Poster
10. Cui T, Ward MC, Murray E, Potter J, Dorfmeier A, Joshi NP, Greskovich JF, Koyfman S, Xia P. A 7-Year Institutional Experience in Dosimetric Quality Improvement for Oropharyngeal Cancer: Progress to Date. Poster
11. Essa A, Woody N, Johnson M, Ellis S, Ciezki J, Cherian S. Intracoronary Brachytherapy in the Era of Drug-Eluting Stents. Poster
12. Feeny AK, Balagamwala EH, Chao ST, Angelov L, Suh JH, Mohammadi AM, Magnelli A, Xia P. Volumetric Dosimetry Analysis of Vertebral Compression Fracture Risk Following Spine Stereotactic Body Radiotherapy. Poster
13. Godley, A. Prostate SBRT Intrafraction Monitoring With Transperineal Ultrasound. Poster
14. Guo G, Shah CS, Magnelli A, Manyam, B, Tendulkar RD, Cherian S, Palmison T, McCarthy D, Suh JH, Xia P. The Translational and Rotational Accuracy of Surface Guided Radiation Therapy (SGRT) for Whole Breast Irradiation. Poster
15. Juloori A, Miller J, Kotecha R, Ahluwalia M, Mohammadi A, Murphy ES, Suh JH, Barnett G, Yu J, Vogelbaum M, Angelov L, Stevens G, Chao ST. Use of Concurrent TKIs with SRS is Associated with an Increased Rate of Radiation Necrosis among Patients with Renal Cell Carcinoma Brain Metastasis. Oral

16. Kim JM, Miller JA, Kotecha R, Xiao R, Juloori A, Ward MC, Ahluwalia M, Mohammadi A, Peereboom DV, Murphy ES, Suh JH, Barnett GH, Vogelbaum MA, Angelov L, Stevens GH, Chao ST. The Risk of Radiation Necrosis Following Stereotactic Radiosurgery with Concurrent Systemic Therapies. Oral
17. Kishan AU, Ciezki JP, Ross AE, Cook R, Shaikh T, Stock RG, Merrick GS, Demanes J, Alam R, Spratt DE, Abu-Isa EI, Wedde TB, Lilleby W, Sandler KA, Song DY, Reddy CA, Nickols NG, Steinberg ML, Horwitz EM, King CR. Extremely Dose Escalated Radiotherapy Improves Cancer-Specific Survival Compared with Radical Prostatectomy or Conventionally Dose-Escalated Radiotherapy in Gleason Score 9-10 Prostate Adenocarcinoma: A Multi-institutional Analysis of 1,403 Patients. Oral
18. Kotecha R, Miller JA, Juloori A, Chao ST, Mohammadi AM, Ahluwalia MS, Murphy ES, Barnett GH, Vogelbaum MA, Angelov L, Suh JH. Personalized Radiosurgery for Brain Metastasis: Moving beyond Tumor Size in the Modern Stereotactic Radiosurgery Era. Poster
19. Koyfman, S. Refining Risk Stratification in HPV-Related Oropharynx Cancer: Implications for Clinical Trials. Poster
20. Leyrer CM, Kittel JA, Meier T, Barret P, Suh JH, Tendulkar RD, Chao ST. The Importance of Standardization in Workflow Enhancement and Patient Safety. Poster
21. Leyrer CM, Murphy ES, Reddy CA, Balagamwala EH, Berriochoa CA, Suh JH, Vogelbaum MA, Stevens GHJ, Peereboom D, Barnett GHJ, Mohammadi AM, Yu JS, Chao ST, Ahluwalia M. Disparities in Treatment of Low Grade Glioma by Race and Socioeconomic Status. Poster
22. Leyrer CM, Berriochoa CA, Balagamwala EH, Reddy CA, Suh JH, Vogelbaum MA, Stevens GHJ, Peereboom D, Barnett GH, Mohammadi AM, Yu JS, Chao ST, Ahluwalia M, Murphy ES. An Evaluation of Prognostic Factors of Elderly Patients with Low Grade Glioma. Poster
23. Leyrer CM, Balagamwala E, Reddy C, Berriochoa C, Shah C, Cherian S, Donaldson A, Calhoun B, Stewart R, Moore H, Tendulkar R. The Importance of Treatment and Timing in Metaplastic Breast Cancer. Poster
24. Lu L, Linnemann N, Lee N, Yom SS, Xiao Y, Xia P. Inter-System Variability of KVCBCT Imaging Guidance for HN Cancer: A Multiple-Institution Study. Poster
25. Manyam B, Videtic GMM, Reddy CA, Woody NM, Staphans KL. Single Fraction SBRT for Stage I Non-Small Cell Lung Cancer: Treatment Outcomes and Effect of Tumor Location on Chest Wall Toxicity. Poster
26. Meier T, Suh J, Barrett P, Stevens E, Hugebeck L, Chao, S. Pre-simulation Procedure Safety Checklist/Time Out Reduces Simulation Related Unintended Deviations. Poster
27. Mian, O. Molecular Profiling of Small Cell Bladder Cancer Reveals Gene Expression Determinants of an Aggressive Phenotype. Poster
28. Parsai S, Miller JA, Juloori A, Chao ST, Mohammadi AM, Ahluwalia MS, Murphy ES, Barnett GH, Vogelbaum MA, Angelov L, Peereboom DM, Suh JH. Optimizing Intracranial Disease Control for Breast Cancer Patients with HER2 Positive Brain Metastasis: Combining SRS and CNS-Penetrating HER2 Blockade Therapy. ePoster
29. Pham YD, Ward MC, Houston N, Reddy CA, Joshi NP, Greskovich JF, Woody NM, Geiger JL, Lamarre E, Prendes B, Lorenz R, Scharpf J, Burkey BB, Adelstein DJ, Koyfman S. Impact of smoking on outcomes in HPV+ Oropharynx Cancer: It s More Than Pack-Years. Oral
30. Qiu RLJ, Stephans K, Shah C, Godley A. Auto-Contour Guided Prostate Patient Positioning. Poster
31. Riaz N, Lee N, Caudell JJ, Chagin K, Awan MJ, Doyfman S, Dunlap NE, Zakem SJ, Hassanzadeh CJ, Marcrom S, Boggs H, Isrow D, Vargo J, Heron DE, Siddiqui F, Dault J, Bonner JA, Beitler JJ, Yao M, Ward M. A Nomogram to Predict Severe Late Toxicity after Definitive Reirradiation for Squamous Carcinoma of the Head and Neck. ePoster
32. Ross R, Koyfman S, Houston N, Reddy C, Joshi N, Woody N, Scharpf J, Prendes B, Lamarre E, Lorenz R, Chute D, Geiger J, Burkey B, Adelstein D, Ward M. A Matched Pair Analysis of Patients with HPV-Associated Carcinoma of Unknown Primary with T1-2 HPV-Associated Oropharynx Cancer: Implications for Clinical Trial Design. ePoster
33. Sandler KA, Cook RR, Ciezki JP, Shaikh T, Stock RG, Merrick GS, Demanes DJ, Spratt DE, Abu-Isa EI, Wedde TB, Lilleby W, Krauss DJ, Song DY, Alam R, Reddy CA, Nickols NG, Steinberg ML, Horwitz EM, King CR, Kishan AU. Clinical Outcomes for Patients with Gleason Score 10 Prostate Adenocarcinoma: Results from a Multi-Institutional Consortium Study. Oral
34. Sandler KA, Cook RR, Ciezki JP, Shaikh T, Stock RG, Merrick GS, Demanes DJ, Spratt DE, Abu-Isa EI, Wedde TB, Lilleby W, Krauss DJ, Song DY, Alam R, Reddy CA, Nickols NG, Steinberg ML, Horwitz EM, King CR, Kishan AU. Whole Pelvis Radiation Therapy Does Not Significantly Improve Prostate-

Cancer Specific Survival in Patients with Gleason Score 9-10 Prostate Adenocarcinoma: An analysis of 942 Patients Treated in the Modern Era. Poster

35. Sharrett J, Ward MC, Murray E, Belfi C, Xia P, Scharpf J, Lamarre E, Prendes B, Lorenz R, Burkey B, Koyfman S, Woody N, Greskovich JF, Adelstein D, Geiger J, Joshi N. Tumor Volume Is a Better Predictor of Locoregional Failure Than T and N Staging in Larynx Cancer Patients Treated With Definitive Chemoradiation. Poster
36. Smith A, Stephans K, Kolar M, Mian O, Tendulkar R, Xia P, Godley A. Prostate SBRT Intrafraction Monitoring with Transperineal Ultrasound. Poster
37. Suh JH. Global collaborations in brain cancer trials. Sept 26, 2017.
38. Tom MC, Yang K, Balagamwala EH, McNamara M, Funchain P, Angelov L, Mohammadi, AM, Suh JH, Chao ST. Outcomes following Spine Stereotactic Radiosurgery for the Treatment of Melanoma Spine Metastases.
39. Videtic GM, Paulus R, Singh AK, Chang JY, Parker W, Olivier K, Timmerman RD, Komaki RU, Urbanic JJ, Stephans KL, Yom SS, Robinson CG, Belani C, Iyengar P, Ajlouni M, Gopaul DD, Lele S, McGarry RC, Choy H, Bradley JD. Long Term Follow-up on NRG Oncology RTOG 0915 (NCCTG N0927): A Randomized Phase II Study Comparing 2 Stereotactic Body Radiation Therapy Schedules for Medically Inoperable Patients with Stage I Peripheral Non-Small Cell Lung Cancer. Oral
40. Videtic G, Reddy C, Woody N, Stephans K. An Association Between Increasingly Abnormal Pretreatment Diffusion Capacity in Medically Inoperable Early Stage Lung Cancer Patients and Increasing Local Failure after Stereotactic Body Radiotherapy. Oral
41. Ward MC, Cui T, Joshi NP, Woody NM, Murray EJ, Potter J, Dorfmeier A, Greskovich JF, Xia P, Koyfman S. One-Size Does Not Fit All: Planning Objectives with IG-VMAT for Oropharynx Cancer and Guidelines by Clinical Context. Poster
42. Yu J. Challenging Scenarios for Junior Physicians: Case Presentations.
43. Xia, Ping. Intersystem variability of Kilovoltage Conebeam Computed Tomography Imaging Guidance for Patients with Head and Neck Cancer: An NRG Oncology Multiple Institution study. Poster

ARRO Annual meeting. September 23, 2017

1. Suh JH. ARRO Annual Seminar. Educational Session: Practical Skills for an Early Graduate – ACMUI-Safety. September 23, 2017.

University of Maryland Medical Center, Visiting Professor, Baltimore, MD, October 5, 2017

1. Suh JH. Contemporary Management of Brain Metastases.

Contemporary Multidisciplinary Care of the Head and Neck Cancer Patient, Cleveland Clinic, Cleveland, OH, October 6, 2017

1. Woody NM. "Case Presentation and Panel Member: Laryngeal Cancer" Contemporary Multidisciplinary Care of the Head and Neck Cancer Patient

Engineering Health, Astra Zeneca/Chalmers University, Goteborg, Sweden, Plenary Address, October 2017

1. Scott J. The rules of the game: using game theory to understand drug resistance in lung cancer.

4th Annual Multidisciplinary Colorectal Oncology Course, Cleveland Clinic Foundation, Cleveland, OH, October 13, 2017

1. Amarnath S. Short or Long: Approaches to Neoadjuvant Radiation. & Panelist

Mayo Clinic Florida, October 2017

1. Adapting to Change: Glioma Stem Cells and Their Microenvironment

North East Ohio Chapter of AAPM, Highland Height, OH 10/14/2017

1. Xia P. Use of Ultrasound to monitor intra-fraction prostate Motion during Stereotactic Body Radiotherapy (SBRT)
2. Yu N. Use of Ultrasound to monitor intra-fraction prostate Motion during Stereotactic Body Radiotherapy (SBRT)
3. Magnelli A. kV Online Imaging.

Radiation Research Society, Cancun, Mexico, October 2017

1. Yu J. Precision Medicine in Brain Tumors

American College of Surgeons Clinical Congress, San Diego, CA, October 23, 2017

1. Amarnath S. The Use of Radiation in Rectal Cancer in a Multidisciplinary Setting

IASLC 18th World Conference on Lung Cancer, October 16, 2017; Yokohama, Japan.

1. Videtic GMM, Freeman M, Woody NM. Anesthesia Allows Safe Administration of SBRT for Early Stage Lung Cancer Patients with Advanced Cognitive Impairments.
2. Videtic GMM, Paulus R, Singh AK, Chang JY, Parker W, Olivier KR, Timmerman RD, Komaki RR, Urbanic JJ, Stephans KL, Yom SS, Robinson CG, Belani CP, Iyengar P, Ajlouni MI, Gopaul DD, Lele SB, McGarry RC, Choy H, Bradley JD. Long term follow-up on NRG Oncology RTOG 0915 (NCCTG N0927): A randomized phase II study comparing 2 stereotactic body radiation therapy schedules for medically inoperable patients with stage I peripheral non-small cell lung cancer.
3. Videtic GMM, Reddy CA, Woody NM, Stephans KL. On the association between increasingly abnormal pre-treatment diffusion capacity and increasing local failure after SBRT for lung cancer. IASLC 18th World Conference on Lung Cancer

Thomas Jefferson University, Visiting Professor, Philadelphia, PA, October 26, 2017

1. 1. Suh JH. Contemporary Management of Brain Metastases

7th Annual Brain Tumor Symposium: Current and Emerging Treatment Approaches for Central Nervous System Metastases, Philadelphia, PA, October 27, 2017

1. Suh JH. Is There Still a Role for Whole Brain Radiation in the Treatment of Brain Metastases?
2. Suh JH. Panelist - Multidisciplinary Tumor Board with Invited Speakers

19th Annual Brain Tumor Update and 8th Annual Symposium on Brain and Spine Metastases, Las Vegas, NV, October 28-29, 2017

1. Chao ST. Diagnosis and Treatment of Cerebral Radiation Necrosis. October 28, 2017
2. Suh JH. Debate: Brain Metastases (5 or more) Radiosurgery vs Radiotherapy. October 28, 2017
3. Chao ST. Radiosurgery for Vestibular Schwannomas. October 29, 2017
4. Chao ST. Debate: Best Management Strategy for vestibular schwannoma. October 29, 2017
5. Murphy ES. Management of Low Grade Glioma and WHO 2016 update. October 29, 2017

Neuroscience Grand Rounds Conference (Visiting Professor), Allegheny General Hospital, Pittsburgh, PA, November 8, 2017

1. Suh, JH. Contemporary Management of Brain Metastases.

Best of Radiation Oncology. Independence, OH, November 11, 2017

1. Woody NM. Management of GI Tumors
2. Murphy EM. Pediatric and Lymphoma Radiation Oncology: Best of 2017
3. Stephans K. Lung cancer review

Stanford University, November 2017

1. Glioma Stem Cells in The Hypoxic Niche

Society for Neuro-Oncology Annual Meeting, San Diego, CA, November 2017

1. Yu J. Hypoxic Regulation of Notch1 Turnover in Glioma Stem-like Cells

Northwell Health Grand Rounds, Long Island, NY. Nov 30, 2017

1. Murphy EM. Pediatric CNS Radiotherapy and Techniques to Reduce Late Effects

Northwell Health 3rd Annual Best of Radiation Oncology, New York, NY, December 1, 2017

1. Suh JH. Updates in CNS Oncology

2. Murphy ES. Updates in Pediatric Oncology & Lymphoma
3. Tendulkar RD. Updates in Genitourinary Oncology
4. Stephans KL. Updates in Thoracic Oncology

Fundacion Marie Curie, Sheraton Hotel, Cordoba, Argentina, December 2, 2017

1. Mian O. Controversies in the contemporary management of prostate cancer: Emerging role of biomarkers (Plenary)

San Antonio Breast Cancer Symposium, San Antonio, Texas, December 2017

1. Shah C, Verma V, Sayles H, Recht A, Vicini F. Appropriate Margins for Breast Conserving Surgery in Patients with Early Stage Breast Cancer: a Meta-Analysis. (Oral)

Elkin Lecture, Emory University, December 2017

1. Yu J. Microenvironmental Effects on Glioma Stem Cell Maintenance

ISEEC, International Society of Evolution and Ecology in Cancer, Tempe AZ, Plenary Address, December 2017

1. Scott J. Learning and perturbing the evolution of resistance

Cleveland Clinic 17th Annual GU Symposium, 12/14/17, Cleveland, OH.

1. Stephans K. Bladder and Testicular Cancer Case Discussion, panel member.

Mian O. Bladder cancer panel member