David Geffen School of Medicine at UCLA

Department of Radiation Oncology

2015 Publications Bibliography

1. Aschard H, Gusev A, Brown R, Pasaniuc B. Leveraging local ancestry to detect gene-gene interactions in genome-wide data. BMC Genet. 2015 Oct 24;16:124. doi: 10.1186/s12863-015-0283-z. PubMed PMID: 26498930; PubMed Central PMCID: PMC4619349.
2. Banerjee R, Park SJ, Anderson E, Demanes DJ, Wang J, Kamrava M. From whole gland to hemigland to ultra-focal high-dose-rate prostate brachytherapy: A dosimetric analysis. Brachytherapy. 2015 May-Jun;14(3):366-72. doi: 10.1016/j.brachy.2014.12.007. Epub 2015 Feb 10. PubMed PMID: 25680768.
3. Chen HC, Tan H, Dolly S, Kavanaugh J, Anastasio M, Low DA, Li H, Altman M, Gay H, Thorstad W, Mutic S, Li H. Automated Contouring Error Detection based on Supervised Geometric Attribute Distribution Models for Radiation Therapy: A General Strategy, Med. Phys. 42, 1048-1059 (2015).
4. Choy W, Terterov S, Kaprealian TB, Trang A, Ung N, DeSalles A, Chung LK, Martin N, Selch M, Bergsneider M, Vinters HV, Yong WH, Yang I. Predictors of recurrence following resection of intracranial chordomas. J Clin Neurosci. 2015 Nov;22(11):1792-6. doi: 10.1016/j.jocn.2015.05.024. Epub 2015 Jul 22. PubMed PMID: 26209919.
5. Choy W, Terterov S, Ung N, Kaprealian T, Trang A, DeSalles A, Chung LK, Martin N, Selch M, Bergsneider M, Yong W, Yang I. Adjuvant Stereotactic Radiosurgery and Radiation Therapy for the Treatment of Intracranial Chordomas. J Neurol Surg B Skull Base. 2016 Feb;77(1):38-46. doi: 10.1055/s-0035-1554907. Epub 2015 Aug 3.
6. Chua K, Fung E, Micewicz ED, Ganz T, Nemeth E, Ruchala P. Small cyclic agonists of iron regulatory hormone hepcidin. Bioorg Med Chem Lett. 2015 Nov 1;25(21):4961-9. doi: 10.1016/j.bmcl.2015.03.012. Epub 2015 Mar 12. PubMed PMID: 25813158; PubMed Central PMCID: PMC4567957.
7. Demanes DJ, Banerjee R, Cahan BL, Lee SP, Park SJ, Fallon JM, Reyes P, Van TQ, Steinberg ML, Kamrava MR. Ureteral stent insertion for gynecologic interstitial high-dose-rate brachytherapy. Brachytherapy. 2015 Mar-Apr;14(2):245-51. doi: 10.1016/j.brachy.2014.11.013. Epub 2014 Dec 31. PubMed PMID: 25556864.
8. Dou T, Thomas D, O'Connell D, Bradley J, Lamb J, Low DA, Technical Note: Simulation of 4DCT tumor motion measurement errors, Med. Phys. 42, 6084-6089 (2015).
9. Dou TH, Thomas DH, O'Connell DP, Lamb JM, Lee P, Low DA. A Method for Assessing Ground-Truth Accuracy of the 5DCT Technique. Int J Radiat Oncol Biol Phys. 2015 Nov 15;93(4):925-33. doi: 10.1016/j.ijrobp.2015.07.2272. Epub 2015 Aug 7.
10. Du D, Caruthers S, Glide-Hurst C, Low DA, Li H, Mutic S, and Y. Hu, High quality T2-weighted 4D magnetic resonance imaging for radiation therapy applications, Int. J. Radiat. Oncol. Biol. Phys. 92, 430-437 (2015).
11. Elgart SR, Bostani M, Mok KC, Adibi A, Ruehm S, Enzmann D, McNitt-Gray M, Iwamoto KS. Investigation of DNA Damage Dose-Response Kinetics after Ionizing Radiation Schemes Similar to CT Protocols. Radiat Res.
12. Ferrell JK, Cattano D, Brown RE, Patel CB, Karni RJ. The effects of anesthesia on the morphoproteomic expression of head and neck squamous cell carcinoma: a pilot study. Transl Res. 2015 Dec;166(6):674-82. doi: 10.1016/j.trsl.2015.09.001. Epub 2015 Sep 10. PubMed PMID: 26423449.

13. Fu Y, Zhuang Z, Dewing M, Apple S, Chang H. Predictors for contralateral prophylactic mastectomy in breast cancer patients. Int J Clin Exp Pathol. 2015 Apr 1;8(4):3748-64. eCollection 2015. PubMed PMID: 26097557; PubMed Central PMCID: PMC4466944.
14. Gomez CL, Xu X, Qi XS, Wang PC, Kupelian P, Steinberg M, King CR. Dosimetric parameters predict short-term quality-of-life outcomes for patients receiving stereotactic body radiation therapy for prostate cancer. Pract Radiat Oncol. 2015 Jul-Aug;5(4):257-62. doi: 10.1016/j.prro.2015.01.006. Epub 2015 Mar 3. PubMed PMID: 25749214.
15. Gou S, Wang Y, Wu J, Lee P, Sheng K. Lung Dynamic MRI Deblurring Using Low-Rank Decomposition and Dictionary Learning. Med Phys, Apr; 42(4):1917-25, 2015.
16. Hauswald H, Kamrava MR, Fallon JM, Wang PC, Park SJ, Van T, Borja L, Steinberg ML, Demanes DJ. High-Dose-Rate Monotherapy for Localized Prostate Cancer: 10-Year Results. Int J Radiat Oncol Biol Phys. 2016 Mar 15;94(4):667-74. doi: 10.1016/j.ijrobp.2015.07.2290. Epub 2015 Aug 5. PubMed PMID: 26443877.
17. Jani S, Lamb J, Robinson C, Dahlbom M, White B, Low DA. Assessing margin expansions of internal target volumes in 3D and 4D PET: a phantom study, Annals of Nuclear Medicine 29, 100-109 (2015).
18. Jani SS, Low DA, Lamb JM. Automatic detection of patient identification and positioning errors in radiation therapy treatment using 3-dimensional setup images. Pract Radiat Oncol. 2015 Sep-Oct;5(5):304-11. doi: 10.1016/j.prro.2015.06.004. Epub 2015 Jun 10.
19. Kamrava M, Hegde J, Abgaryan N, Chang E, Le J, Wang J, Kupelian P, Marks L. Does the addition of targeted prostate biopsies influence treatment management for radiation oncologists? British Journal Urology International. 2015.
20. Kamrava M, Kishan AU, Margolis DJ, Huang J, Dorey F, Lieu P, Kupelian PA, Marks LS. Multiparametric magnetic resonance imaging for prostate cancer improves Gleason score assessment in favorable risk prostate cancer. Pract Radiat Oncol. 2015 Nov-Dec;5(6):411-6. doi: 10.1016/j.prro.2015.04.006. Epub 2015 Jun 6. PubMed PMID: 26059510; PubMed Central PMCID: PMC4639400.
21. Kamrava M, Kuske RR, Anderson B, Chen P, Hayes J, Quiet C, Wang PC, Veruttipong D, Snyder M, Jeffrey Demanes D. Outcomes of Breast Cancer Patients Treated with Accelerated Partial Breast Irradiation Via Multicatheter Interstitial Brachytherapy: The Pooled Registry of Multicatheter Interstitial Sites (PROMIS) Experience. Ann Surg Oncol. 2015 Dec;22 Suppl 3:S404-11. doi: 10.1245/s10434-015-4563-7. Epub 2015 Apr 28. PubMed PMID: 25916980.
22. Kamrava M, Sepahdari A, Leu K, Wang P, Roberts R, Demanes D, McCannel T, Ellingson B. Quantitative multiparametric MRI in uveal melanoma: feasibility and preliminary results on monosomy 3 correlation. Neuroradiology. 2015.
23. Kamrava M. Re: Ian A. Donaldson, Roberto Alonzi, Dean Barratt, et al. Focal Therapy: Patients, Interventions, and Outcomes-A Report from a Consensus Meeting. Eur Urol 2015;67:771-7. Eur Urol. 2015 Jul;68(1):e14. doi: 10.1016/j.eururo.2015.02.004. Epub 2015 Feb 19. PubMed PMID: 25703574.
24. Kamrava M. The ideal adjuvant treatment in node positive vulvar cancer is (fill in your best guess here). Gynecol Oncol. 2015 Jun;137(3):363-4. doi: 10.1016/j.ygyno.2015.05.006. PubMed PMID: 26013393.
25. Kang JJ, Reiter RE, Kummer N, DeKernion J, Steinberg ML, King CR. Wrong to be Right: Margin Laterality is an Independent Predictor of Biochemical Failure After Radical Prostatectomy. Am J Clin Oncol. 2015 Jul 31. [Epub ahead of print] PubMed PMID: 26237192.
26. Kang JJ, Reiter RE, Steinberg ML, King CR. Ultrasensitive prostate specific antigen after prostatectomy reliably identifies patients requiring postoperative radiotherapy. J Urol. 2015

May;193(5):1532-8. doi: 10.1016/j.juro.2014.11.017. Epub 2014 Nov 14. PubMed PMID: 25463990; PubMed Central PMCID: PMC4527538.
27. Kang JJ, Steinberg ML, Kupelian P, Alexander S, King CR. Whole Versus Partial Bladder Radiation: Use of an Image-guided Hypofractionated IMRT Bladder-preservation Protocol. Am J Clin Oncol. 2015 Nov 3. [Epub ahead of print] PubMed PMID: 26535994.
28. Kim M, Cheok S, Chung LK, Ung N, Thill K, Voth B, Kwon do H, Kim JH, Kim CJ, Tenn S, Lee P, Yang I, Characteristics and Treatments of Large Cystic Brain Metastasis: Radiosurgery and Stereotactic Aspiration. Brain Tumor Res Treat, Apr; 3(1):1-7, 2015.
29. King CR, Kamrava M, Wang PC, Steinberg ML. In Regard to Mariados et al. Int J Radiat Oncol Biol Phys. 2015 Nov 15;93(4):936-7. doi: 10.1016/j.ijrobp.2015.07.2295. Epub 2015 Oct 19. PubMed PMID: 26530767.
30. Kishan A, Lee E, McWilliams J, Lu D, Genshaft S, Motamedi K, Demanes D, Park S, Hagio M, Wang P, Kamrava M. Image-guided high-dose rate brachytherapy: Preliminary outcomes and toxicity of a joint interventional radiology and radiation oncology technique for achieving local control in challenging cases. Journal of Contemporary Brachytherapy. 2015.
31. Kishan AU, Cameron RB, Wang PC, Alexander S, Qi SX, Low DA, Kupelian PA, Steinberg ML, Lee JM, Selch MT, Lee P. Tomotherapy improves local control and changes failure patterns in locally advanced malignant pleural mesothelioma. Pract Radiat Oncol. 2015 Nov-Dec;5(6):366-73. doi: 10.1016/j.prro.2015.07.010. Epub 2015 Aug 1. PubMed PMID: 26432677.
32. Kishan AU, Cao M, Mikaeilian AG, Low DA, Kupelian PA, Steinberg ML, Kamrava M. Dosimetric feasibility of magnetic resonance imaging-guided tri-cobalt 60 preoperative intensity modulated radiation therapy for soft tissue sarcomas of the extremity. Pract Radiat Oncol. 2015 Sep-Oct;5(5):350-6. doi: 10.1016/j.prro.2015.01.007. Epub 2015 Mar 3. PubMed PMID: 25749215.
33. Kishan AU, Cao M, Wang PC, Mikaeilian AG, Tenn S, Rwigema JC, Sheng K, Low DA, Kupelian PA, Steinberg ML, Lee P. Feasibility of magnetic resonance imaging-guided liver stereotactic body radiation therapy: A comparison between modulated tri-cobalt-60 teletherapy and linear accelerator-based intensity modulated radiation therapy. Pract Radiat Oncol. 2015 Sep-Oct;5(5):330-7. doi: 10.1016/j.prro.2015.02.014. Epub 2015 Mar 29. PubMed PMID: 25823383.
34. Kishan AU, Kupelian PA. Late rectal toxicity after low-dose-ratebrachytherapy: incidence, predictors, and management of side effects. Brachytherapy. 2015 Mar-Apr;14(2):148-59. doi: 10.1016/j.brachy.2014.11.005. Epub 2014 Dec 13. Review. PubMed PMID: 25516492.
35. Kishan AU, Lamb JM, Jani SS, Kang JJ, Steinberg ML, King CR. Pelvic nodal dosing with registration to the prostate: implications for high-risk prostate cancer patients receiving stereotactic body radiation therapy. Int J Radiat Oncol Biol Phys. 2015 Mar 15;91(4):832-9. doi: 10.1016/j.ijrobp.2014.11.035. PubMed PMID: 25752398.
36. Kishan AU, Park SJ, King CR, Roberts K, Kupelian PA, Steinberg ML, Kamrava M. Dosimetric benefits of hemigland stereotactic body radiotherapy for prostate cancer: implications for focal therapy. Br J Radiol. 2015;88(1056):20150658. doi: 10.1259/bjr.20150658. Epub 2015 Oct 14.
37. Kishan AU, Wang P, Upadhyaya S, Hauswald H, Demanes D, Nickols N, Kamrava M, Sadeghi A, Kupelian P, Steinberg M, Prionas N, Buyyounouski M, King C. SBRT and HDR produce lower PSA nadirs and different PSA decay patterns than conventionally fractionated IMRT in patients with low or intermediate risk prostate cancer. Pract Radiat Oncol. 2016 Jul-Aug;6(4):268-75. doi: 10.1016/j.prro.2015.11.002. Epub 2015 Nov 10.

38. Kishan AU, Wang PC, Sheng K, Yu V, Ruan D, Cao M, Tenn S, Low DA, Lee P. Correlation of Clinical and Dosimetric Parameters With Radiographic Lung Injury Following Stereotactic Body Radiotherapy. Technol Cancer Res Treat. 2015 Aug;14(4):411-8. doi: 10.1177/1533034614551476. Epub 2014 Sep 26. PubMed PMID: 25261069.
39. Kupelian P, Mehta NH, King C, Steinberg M, Finkelstein SE, Fernandez E. Stereotactic body radiation therapy for prostate cancer: Rational and reasonable. Pract Radiat Oncol. 2015 May-Jun;5(3):188-92. doi: 10.1016/j.prro.2014.08.018. Epub 2014 Oct 18. PubMed PMID: 25413392.
40. Laviana A, Ilg A, Veruttipong D, Tan HJ, Burke MA, Niedzwiecki D, Kupelian PA, King CR, Steinberg ML, Kundavaram C, Kamrava M, Kaplan AL, Moriarity AK, Hsu W, Margolis D, Hu J, Saigal C. Utilizing time-driven activity based costing to understand the short and long-term costs of treating localized, low-risk prostate cancer. Cancer. 2015 Nov 2. doi: 10.1002/cncr.29743. Epub ahead of print. PMID: 26524087.
41. Lee MK, Varzi LA, Chung DU, Cao MA, Gornbein J, Apple SK, Chang HR. The Effect of Young Age in Hormone Receptor Positive Breast Cancer. Biomed Res Int. 2015;2015:325715. doi: 10.1155/2015/325715. Epub 2015 Aug 16. PubMed PMID: 26351632; PubMed Central PMCID: PMC4553177.
42. Lin AY, Kotova S, Yanagawa J, Elbuluk O, Wang G, Kar N, Elashoff D, Grogan T, Cameron RB, Singh A, Chmielowski B, Federman N, Nelson SD, Lee P, Eilber FC, Lee JM. Risk stratification of patients undergoing pulmonary metastasectomy for soft tissue and bone sarcomas. J Thorac Cardiovasc Surg. 2015 Jan;149(1):85-92. doi: 10.1016/j.jtcvs.2014.09.039. Epub 2014 Sep 18. PubMed PMID: 25312228.
43. Mayadev J, Einck J, Elson S, Rugo H, Hwang S, Bold R, Daroui P, McCloskey S, Yashar C, Kim D, Fowble B. Practice patterns in the delivery of radiation therapy after mastectomy among the University of California Athena Breast Health Network. Clin Breast Cancer. 2015 Feb;15(1):43-7. doi: 10.1016/j.clbc.2014.07.005. Epub 2014 Aug 15. PubMed PMID: 25245425.
44. Merna C, Rwigema JC, Cao M, Wang PC, Kishan AU, Michailian A, Lamb J, Sheng K, Agazaryan N, Low DA, Kupelian PA, Steinberg ML, Lee P. A Treatment Planning Comparison between Modulated Tri-Cobalt-60 Teletherapy and LINAC-Based Stereotactic Body Radiotherapy for Central Early-Stage Non-Small Cell Lung Cancer. Med Dosim. 2016 Jan 2. pii: S0958-3947(15)00108-9. doi: 10.1016/j.meddos.2015.09.002. Epub ahead of print. PMID: 26755076.
45. Mesko S, Park SJ, Kishan AU, Demanes DJ, Kamrava M. A sector-based dosimetric analysis of dose heterogeneity in high-dose-rate prostate brachytherapy. Brachytherapy. 2015 Mar-Apr;14(2):173-8. doi: 10.1016/j.brachy.2014.11.009. Epub 2014 Dec 20.
46. Mesko S, Swamy U, Park SJ, Borja L, Wang J, Demanes DJ, Kamrava M. Early clinical outcomes of ultrasound-guided CT-planned high-dose-rate interstitial brachytherapy for primary locally advanced cervical cancer. Brachytherapy. 2015 Sep-Oct;14(5):626-32. doi: 10.1016/j.brachy.2015.04.006. Epub 2015 May 27. PubMed PMID: 26024784.
47. Micewicz ED, Bahattab OS, Willars GB, Waring AJ, Navab M, Whitelegge JP, McBride WH, Ruchala P. Small lipidated anti-obesity compounds derived from neuromedin U. Eur J Med Chem. 2015 Aug 28;101:616-26. doi: 10.1016/j.ejmech.2015.07.020. Epub 2015 Jul 14. PubMed PMID: 26204509; PubMed Central PMCID: PMC4543588.
48. Micewicz ED, Ratikan JA, Waring AJ, Whitelegge JP, McBride WH, Ruchala P. Lipid-conjugated Smac analogues. Bioorg Med Chem Lett. 2015 Oct 15;25(20):4419-27. doi: 10.1016/j.bmcl.2015.09.017. Epub 2015 Sep 8. PubMed PMID: 26384289; PubMed Central PMCID: PMC4592835.

49. Micewicz ED, Sharma S, Waring AJ, Luong HT, McBride WH, Ruchala P. Bridged Analogues for p53-Dependent Cancer Therapy Obtained by S-Alkylation. Int J Pept Res Ther. 2016 Mar 1;22(1):67-81. Epub 2015 Aug 19.
50. Neylon J, Qi X, Sheng K, Staton R, Pukala J, Manon R, Low DA, Kupelian P, Santhanam A. A GPU based high-resolution multi-level biomechanical head and neck model for validating deformable image registration. Med Phys. 2015 Jan;42(1):232-43. doi: 10.1118/1.4903504.
51. Nguyen D, O'Connor D, Yu V, Ruan D, Cao M, Low DA, and Sheng K, Dose domain regularization of MLC leaf patterns for highly complex IMRT plans, Med. Phys. 42, 1858-1870 (2015).
52. O'Connell D, Thomas D, Dou T, Lamb J, Feingold F, Fuld M, Hofmann C, Shirk M, Sloan C, Sieren J, Hoffman E, and Low DA, Comparison of breathing gated CT images generated using a 5DCT technique and a commercial clinical protocol in a porcine model, Med. Phys. 42, 4033-4042 (2015).
53. Pelargos PE, Nagasawa DT, Ung N, Chung LK, Thill K, Tenn S, Gopen Q, Yang I. Clinical characteristics and diagnostic imaging of cranial osteoblastoma. J Clin Neurosci. 2015 Mar;22(3):445-9. doi: 10.1016/j.jocn.2014.10.002. Epub 2015 Jan 13. Review. PubMed PMID: 25595957.
54. Peng KA, Kuan EC, Unger L, Lorentz WC, Wang MB, Long JL. A swallow preservation protocol improves function for veterans receiving chemoradiation for head and neck cancer. Otolaryngol Head Neck Surg. 2015 May;152(5):863-7. doi: 10.1177/0194599815575508. Epub 2015 Mar 31.
55. Pennington JD, Park SJ, Abgaryan N, Banerjee R, Lee PP, Loh C, Lee E, Demanes DJ, Kamrava M. Dosimetric comparison of brachyablation and stereotactic ablative body radiotherapy in the treatment of liver metastasis. Brachytherapy. 2015 Jul-Aug;14(4):537-42. doi: 10.1016/j.brachy.2015.04.002. Epub 2015 May 2. PubMed PMID: 25944395.
56. Qi XS, Ruan D, Lee SP, Pham A, Kupelian P, Low DA, Steinberg M, Demarco J. Dependence of achievable plan quality on treatment technique and planning goal refinement: a head-and-neck intensity modulated radiation therapy application. Int J Radiat Oncol Biol Phys. 2015 Mar 15;91(4):817-24. doi: 10.1016/j.ijrobp.2014.11.037. PubMed PMID: 25752396.
57. Qi XS, Santhanam A, Neylon J, Min Y, Armstrong T, Sheng K, Staton RJ, Pukala J, Pham A, Low DA, Lee SP, Steinberg M, Manon R, Chen AM, Kupelian P. Near Real-Time Assessment of Anatomic and Dosimetric Variations for Head and Neck Radiation Therapy via Graphics Processing Unit-based Dose Deformation Framework. Int J Radiat Oncol Biol Phys. 2015 Jun 1;92(2):415-22. doi: 10.1016/j.ijrobp.2015.01.033. Epub 2015 Apr 3. PubMed PMID: 25847607.
58. Ratikan JA, Micewicz ED, Xie MW, Schaue D. Radiation takes its Toll. Cancer Lett. 2015 Nov 28;368(2):238-45. doi: 10.1016/j.canlet.2015.03.031. Epub 2015 Mar 25. Review. PubMed PMID: 25819030; PubMed Central PMCID: PMC4578968.
59. Razfar A, Mundi J, Grogan T, Lee S, Elashoff D, Abemayor E, St John M. IMRT for head and neck cancer: Cost implications. Am J Otolaryngol. 2016 Nov - Dec;37(6):479-483. doi: 10.1016/j.amjoto.2015.02.017. Epub 2015 Apr 8.
60. Ruan D, Thomas D, and Low DA, Objective function to obtain multiple representative waveforms for a novel helical CT scan protocol, Med. Phys. 42, 1164-1169 (2015).
61. Rwigema JC, King C, Wang PC, Kamrava M, Kupelian P, Steinberg ML, Lee P. Stereotactic body radiation therapy for abdominal and pelvic oligometastases: Dosimetric targets for safe and effective local control. Pract Radiat Oncol. 2015 May-Jun;5(3):e183-91. doi: 10.1016/j.prro.2014.09.006. Epub 2014 Oct 24. PubMed PMID: 25413386.
62. Rwigema JC, Nguyen D, Heron DE, Chen AM, Lee P, Wang PC, Vargo JA, Low DA, Huq MS, Tenn S, Steinberg ML, Kupelian P, Sheng K. 4Ї€ noncoplanar stereotactic body radiation therapy for head-and-

neck cancer: potential to improve tumor control and late toxicity. Int J Radiat Oncol Biol Phys. 2015 Feb 1;91(2):401-9. doi: 10.1016/j.ijrobp.2014.09.043. Epub 2014 Dec 5.

63. Schaue D, McBride WH. Opportunities and challenges of radiotherapy for treating cancer. Nat Rev Clin Oncol. 2015 Sep;12(9):527-40. Doi: 10.1038/nrclinonc.2015.120. Epub 2015 Jun 30. Review. PubMed PMID: 26122185.
64. Schaue D, Micewicz ED, Ratikan JA, Xie MW, Cheng G, McBride WH. Radiation and inflammation. Semin Radiat Oncol. 2015 Jan;25(1):4-10. doi: 10.1016/j.semradonc.2014.07.007. Review. PubMed PMID: 25481260; PubMed Central PMCID: PMC4378687.
65. Sharim J, Pezeshkian P, DeSalles A, Pouratian N. Effect of Cranial Window Diameter During Deep Brain Stimulation Surgery on Volume of Pneumocephalus. Neuromodulation. 2015 Oct;18(7):574-8; discussion 578-9. doi: 10.1111/ner.12328. Epub 2015 Jul 29. PubMed PMID: 26222380; PubMed Central PMCID: PMC4750390.
66. Shaverdian N, Veruttipong D, Wang J, Schaue D, Kupelian P, Lee P. Pretreatment Immune Parameters Predict for Overall Survival and Toxicity in Early-Stage Non-Small-Cell Lung Cancer Patients Treated With Stereotactic Body Radiation Therapy. Clin Lung Cancer. 2016 Jan;17(1):39-46. doi: 10.1016/j.cllc.2015.07.007. Epub 2015 Aug 5. PubMed PMID: 26372098.
67. Shaverdian N, Wang PC, Steinberg M, Lee P. The patient's perspective on stereotactic body radiation therapy (SBRT) vs. surgery for treatment of early stage non-small cell lung cancer (NSCLC). Lung Cancer. 2015 Nov;90(2):230-3. doi: 10.1016/j.lungcan.2015.07.009. Epub 2015 Jul 29. PubMed PMID: 26358313.
68. Sheng K, Shepard DM, Orton CG. Point/Counterpoint. Noncoplanar beams improve dosimetry quality for extracranial intensity modulated radiotherapy and should be used more extensively. Med Phys. 2015 Feb;42(2):531-3. doi: 10.1118/1.4895981. PubMed PMID: 25652473.
69. Tang LC, Jin X, Yang HY, He M, Chang H, Shao ZM, Di GH. Luminal B subtype: a key factor for the worse prognosis of young breast cancer patients in China. BMC Cancer. 2015 Mar 29;15:201. doi: 10.1186/s12885-015-1207-z. PubMed PMID: 25885213; PubMed Central PMCID: PMC4389816.
70. Thames HD, Peters LJ, McBride WH, Mason KA. The origins of translational radiation oncology - In memoriam H. Rodney Withers (21 September 1932-25 February 2015). Radiother Oncol. 2015 Apr;115(1):1-2. doi: 10.1016/j.radonc.2015.04.014. No abstract available.
71. Tseng HC, Cacalano N, Jewett A. Split anergized Natural Killer cells halt inflammation by inducing stem cell differentiation, resistance to NK cell cytotoxicity and prevention of cytokine and chemokine secretion. Oncotarget. 2015 Apr 20;6(11):8947-59. PubMed PMID: 25860927; PubMed Central PMCID: PMC4496194.
72. Tseng HC, Inagaki A, Bui VT, Cacalano N, Kasahara N, Man YG, Jewett A. Differential Targeting of Stem Cells and Differentiated Glioblastomas by NK Cells. J Cancer. 2015 Jul 16;6(9):866-76. doi: 10.7150/jca.11527. eCollection 2015. PubMed PMID: 26284138; PubMed Central PMCID: PMC4532984.
73. Tso JL, Yang S, Menjivar JC, Yamada K, Zhang Y, Hong I, Bui Y, Stream A, McBride WH, Liau LM, Nelson SF, Cloughesy TF, Yong WH, Lai A, Tso CL. Bone morphogenetic protein 7 sensitizes O6-methylguanine methyltransferase expressing-glioblastoma stem cells to clinically relevant dose of temozolomide. Mol Cancer. 2015 Nov 6;14:189. doi: 10.1186/s12943-015-0459-1. PubMed PMID: 26546412; PubMed Central PMCID: PMC4636799.
74. Valdes G, Robinson C, Lee P, Morel D, Low D, Iwamoto KS, Lamb JM. Tumor control probability and the utility of 4D vs 3D dose calculations for stereotactic body radiotherapy for lung cancer. Med Dosim. 2015 Spring;40(1):64-9. doi: 10.1016/j.meddos.2014.10.002. Epub 2014 Dec 24. PubMed PMID: 25542785.

75. Verstraete M, Debucquoy A, Gonnissen A, Dok R, Isebaert S, Devos E, McBride W, Haustermans K. In vitro and in vivo evaluation of the radiosensitizing effect of a selective FGFR inhibitor (JNJ-42756493) for rectal cancer. BMC Cancer. 2015 Dec 16;15:946. doi: 10.1186/s12885-015-2000-8. PubMed PMID: 26675289; PubMed Central PMCID: PMC4682227.
76. Vlashi E, Pajonk F. Cancer stem cells, cancer cell plasticity and radiation therapy. Semin Cancer Biol. 2015 Apr;31:28-35. doi: 10.1016/j.semcancer.2014.07.001. Epub 2014 Jul 12. Review. PubMed PMID: 25025713; PubMed Central PMCID: PMC4291301.
77. Vlashi E, Pajonk F. The metabolic state of cancer stem cells-a valid target for cancer therapy? Free Radic Biol Med. 2015 Feb;79:264-8. doi: 10.1016/j.freeradbiomed.2014.10.732. Epub 2014 Nov 10. Review. PubMed PMID: 25450330; PubMed Central PMCID: PMC4339632.
78. Voth B, Nagasawa DT, Pelargos PE, Chung LK, Ung N, Gopen Q, Tenn S, Kamei DT, Yang I. Transferrin receptors and glioblastoma multiforme: Current findings and potential for treatment. J Clin Neurosci. 2015 Jul;22(7):1071-6. doi: 10.1016/j.jocn.2015.02.002. Epub 2015 Apr 16. Review. PubMed PMID: 25891893.
79. Wallner P, Kupelian PA, Erickson B, Alektiar KA, Laszakovits D, Henson T, Wang PC, Steinberg ML. The American Board of Radiology Focused Practice Recognition in Brachytherapy (FPRB) Program: Opportunities Lost, Lessons Learned, and Future Implications. Pract Radiat Oncol., doi:10.1016/j.prro.2015.08.006. EPub August 2015.
80. Wallner P, Steinberg ML. "Feeding the Beast" Is Not the Road to Value. Int J Radiat Oncol Biol Phys. 2015, Sep 1. Vol. 93, pp 13–15. doi:10.1016/j.ijrobp.2015.04.029.
81. Wallner PE, Kupelian P, Erickson B, Alektiar K. Promises and Pitfalls: Development of the National Brachytherapy Registry. J Am Coll Radiol. 2015 Jul;12(7):670-1. doi: 10.1016/j.jacr.2015.01.013. Epub 2015 Mar 11. PubMed PMID: 25769237.
82. Wallner PE, Steinberg ML, McBride WH, Hahn SM, Zietman AL. A fork in the road: choosing the path of relevance. Int J Radiat Oncol Biol Phys. 2015 Jun 1;92(2):214-6. doi: 10.1016/j.ijrobp.2015.01.010.
83. White B, Vennarini S, Lin L, Freedman G, Santhanam A, Low DA and Both S, Accuracy of routine treatment planning 4D and DIBH CT delineation of the left anterior descending artery in radiotherapy, Int. J. Radiat. Oncol. Biol. Phys. 91, 825-831 (2015).
84. Yang Y, Cao M, Kaprealian T, Sheng K, Gao Y, Han F, Gomez C, Santhanam A, Tenn S, Agazaryan N, Low DA, and Hu P, Accuracy of UTE-MRI-based patient setup for brain cancer radiation therapy, Med. Phys. 43, 262-267 (2016).
85. Yang I, Ung N, Chung LK, Nagasawa DT, Thill K, Park J, Tenn S. Clinical manifestations of central neurocytoma. Neurosurg Clin N Am. 2015 Jan;26(1):5-10. doi: 10.1016/j.nec.2014.09.011. Review. PubMed PMID: 25432178.
86. Yu V, Tran A, Nguyen D, Cao M, Ruan D, Low DA, and Sheng K, The development and verification of a highly accurate collision prediction model for automated noncoplanar plan delivery, Med. Phys. 42, 6457-6467 (2015).
87. Yu VY, Nguyen D, Pajonk F, Kupelian P, Kaprealian T, Selch M, Low DA, Sheng K. Incorporating cancer stem cells in radiation therapy treatment response modeling and the implication in glioblastoma multiforme treatment resistance. Int J Radiat Oncol Biol Phys. 2015 Mar 15;91(4):866-75. doi: 10.1016/j.ijrobp.2014.12.004. PubMed PMID: 25752402.