

1. Han T, Mourtada F, Kisling K, Mikell J, Followill D, Howell R. Experimental validation of deterministic Acuros XB algorithm for IMRT and VMAT dose calculations with the Radiological Physics Center's head and neck phantom. *Med Phys*. 2012;39:2193-2202. doi:10.1118/1.3692180.
2. Kry SF, Smith SA, Weathers R, Stovall M. Skin dose during radiotherapy: a summary and general estimation technique. *J Appl Clin Med Phys*. 2012;13(3):20-34. doi:10.1120/jacmp.v13i3.3734.
3. Kry SF, Jones J, Childress NL. Implementation and evaluation of an end-to-end IGRT test. *J Appl Clin Med Phys*. 2012;13(5):46-53. doi:10.1120/jacmp.v13i5.3939.
4. Followill DS, Kry SF, Qin L, et al. The Radiological Physics Center's standard dataset for small field size output factors. *J Appl Clin Med Phys*. 2012;13(5):282-289. doi: 10.1120/jacmp.v13i5.3962.
5. Followill DS, Urie M, Galvin JM, Ulin K, Xiao Y, Fitzgerald TJ. Credentialing for participation in clinical trials. *Fron Oncol*. 2012;2:1-8. doi:10.3389/fonc.2012.00198.
6. Hartford AC, Galvin JM, Beyer DC, et al. American College of Radiology (ACR) and American Society for Radiation Oncology (ASTRO) Practice Guideline for Intensity-modulated Radiation Therapy (IMRT). *Am J Clin Oncol*. 2012;35:612-617. doi:10.1097/COC.0b013e31826e0515.
7. Kry SF, Alvarez P, Molineu A, Amador C, Galvin J, Followill DS. Algorithms used in heterogeneous dose calculations show systematic differences as measured with the Radiological Physics Center's anthropomorphic thorax phantom used for RTOG credentialing. *Int J Radiat Oncol Biol Phys*. 2013;85:e95-e100. doi:10.1016/j.ijrobp.2012.08.039.
8. Molineu A, Hernandez N, Nguyen T, Ibbott G, Followill DS. Credentialing results from IMRT irradiations of an anthropomorphic head and neck phantom. *Med Phys*. 2013;40: 022101-1 – 022101-8. doi:10.1118/1.4773309.
9. FitzGerald TJ, Bishop-Jodoin M, Bosch WR, et al. Future vision for the quality assurance of oncology clinical trials. *Front Oncol*. 2013;3 (31):1-10. doi:10.3389/fonc.2013.00031.
10. Fairchild A, Straube W, Laurie F, Followill DS. Does quality of radiation therapy predict outcomes of multicenter cooperative group trials? A literature review. *Int J Radiat Oncol Biol Phys*. 2013;87:246-260. doi:10.1016/j.ijrobp.2013.03.036.
11. Han T, Followill, DS, Mikell J, et al. Dosimetric impact of Acuros XB deterministic radiation transport algorithm for heterogeneous dose calculation in lung cancer. *Med Phys*. 2013;40: 051710-1. doi:10.1118/1.4802216.
12. Faught AM, Kry SF, Luo D, et al. Development of a modified head and neck quality assurance phantom for use in stereotactic radiosurgery trials. *J Appl Clin Med Phys*. 2013;14(4):206-215. doi:10.1120/jacmp.v14i4.4313.
13. Casey KE, Alvarez P, Kry SF, Howell RM, Lawyer A, Followill DS. Development and implementation of a remote audit tool for high dose rate (HDR) Ir-192 brachytherapy using optically stimulated luminescence dosimetry. *Med Phys*. 2013;40:112102. doi:10.1118/1.4824915.
14. McKenzie EM, Balter PA, Singo FC, Jones J, Followill DS, Kry SF. Reproducibility in patient-specific IMRT QA. *J Appl Clin Med Phys*. In press.

15. Li J, Galvin J, Harrison A, Timmerman R, Yu Y, Xiao Y. Dosimetric verification using Monte Carlo calculations for tissue heterogeneity-corrected conformal treatment plans following RTOG 0813 dosimetric criteria for lung cancer stereotactic body radiotherapy. *Int J Radiat Oncol Biol Phys*. 2012;84:508-513. doi:10.1016/j.ijrobp.2011.12.005.
16. Cui Y, Galvin JM, Parker W, et al. Implementation of remote 3-dimensional image guided radiation therapy quality assurance for Radiation Therapy Oncology Group clinical trials. *Int J Radiat Oncol Biol Phys*. 2013;85:271-277. doi:10.1016/j.ijrobp.2012.03.002.
17. Chen W, Cui Y, He Y, et al. Application of Dempster-Shafer theory in dose response outcome analysis. *Phys Med Biol*. 2012;57:5575-5585. doi:10.1088/0031-9155/57/17/5575.
18. Giaddui T, Cui Y, Galvin J, Yu Y, Xiao Y, Comparative dose evaluations between XVI and OBI cone beam CT systems using Gafchromic XRQA2 film and nanoDot optical stimulated luminescence dosimeters. *Med Phys*. 2013;40:062102. doi:10.1118/1.4803466.
19. Wang J, Chen W, Studenski M, Cui Y, Lee AJ, Xiao Y. A semi-automated tool for treatment plan-quality evaluation and clinical trial quality assurance, *Phys Med Biol*. 2013;58:N181-N187. doi:10.1088/0031-9155/58/13/N181.