

**Abdominal Imaging and Intervention
Staff Publications
2012**

1. Acar M, **Tatli S**, Sadow PM, **Silverman SG**. Burkitt lymphoma: involvement of both ovaries and kidneys in an adult. *J Int Med Sci*. 2012;32:1758-1761.
2. Agrawal JR, Travis AC, **Mortele KJ**, **Silverman SG**, Rie Maurer MA, Sarathchandra IR, Saltzman JR. Diagnostic yield of dual phase CT enterography in patients with obscure gastrointestinal bleeding and a nondiagnostic capsule endoscopy. *Journal of Gastroenterology and Hepatology* 2012; 27:751-759.
3. Andruchow JE, Raja AS, Prevedello LM, Zane RD, **Khorasani R**. Variation in head computed tomography use for emergency department trauma patients and physician risk tolerance. *Archives of Internal Medicine*. 2012;172:660.
4. Baldwin M, Gennant J, **Braver J**, **Mortele KJ**. Classic signs in gastrointestinal radiology: Part II. *Applied Radiology* 2011:41:1.
5. Burlingame OO, Kesse O, Kesse CT, **Silverman SG**, Cibas ES. On-site adequacy evaluations performed by cytotechnologists: correlation with final interpretations of 5, 241 image-guided fine-needle aspiration biopsies. *Cancer Cytopathology* 2012;120:177-184.
6. Demehri S, Steigner ML, Rybicki FJ, Sodickson AD, Housemann EA, **Silverman SG**. CT-based determination of ureteral stone area: a predictor of spontaneous passage. *AJR* 2012;198:603-608.
7. Federov A, **Tuncali K**, Fennessy FM, Tokuda J, Hata N, Wells WM, Kikinis R, **Tempany CM**. Image registration for targeted MRI-guided transperineal prostate biopsy. *J Magn Reson Imaging* 2012;36(4):987-992.
8. Fennessy FM, Fedorov A, Gupta SN, Schmidt EJ, **Tempany CM**, Mulkern RV. Practical considerations in T1 mapping of prostate for dynamic contrast enhancement pharmacokinetic analyses. *Magn Reson Imaging*. 2012;30(9):1224-33.
9. Fernandes DD, **Sadow CA**, Economy KE, Benson CB. Sonographic and magnetic resonance imaging findings in uterine incarceration. *J Ultrasound Med* 2012; 31:645-650.
10. Fernandes D, **Shyn PB**, **Silverman SG**. Gallbladder needle decompression during radiofrequency ablation of an adjacent liver tumor. *Can Assoc Radiol J*. 2012;63:37-40.
11. Hegde JV, Chen MH, Mulkern RV, Fennessy FM, D'Amico AV, **Tempany CM**. Preoperative 3-Tesla Multiparametric Endorectal Magnetic Resonance Imaging Findings and the Odds of Upgrading and Upstaging at Radical Prostatectomy in

Men With Clinically Localized Prostate Cancer. *Int J Radiat Oncol Biol Phys*. 2013;85(2):e101-7.

12. Hentel K, **Khorasani R**. Radiologists as valued consultants: IT can help. *JACR*. 2012;9(4):231-232.
13. Hendee WC, McNitt Gray M, Boone J, **Seltzer SE**. Radiation exposure from CT scans: how to close our knowledge gaps, monitor and safeguard exposure – proceedings and recommendation of the radiation dose summit. *Radiology* 2012;265:544-554.
14. Ikuta I, Sodickson AD, Wasser EJ, Warden GI, Gerbaudo V, **Khorasani R**. Exposing exposure: Enhancing patient safety through automated data mining of nuclear medicine reports for quality assurance and organ dose monitoring. *Radiology* 2012;264(2):406-413.
15. Ip I, **Mortele KJ**, Prevedello L, **Khorasani R**. Repeat abdominal imaging examinations in a tertiary care hospital: A 10-year analysis. *American Journal of Medicine* 2012;125(2):155-161.
16. Ip I, Schneider LI, Hanson R, Marchello D, Hultman P, Viera M, Chiango B, Andriole KP, Menard A, Schade S, **Seltzer SE, Khorasani R**. Adoption and meaningful use of computerized physician order entry with an integrated clinical decision support system for radiology: Ten-year analysis in an urban teaching hospital. *Journal of the American College of Radiology* 2012;9:129-136.
17. Jacobson FL, **Sadow CA, Braver JM**. Advanced Abdominal Imaging. In: McKean SC, Ross JJ, Dressler DD, Brotman DJ, Ginsberg JS, eds. *Principles and Practice of Hospital Medicine*. 1st Edition. McGraw-Hill; 2012:V-2-110.
18. Jati A, **Tatli S**, Morgan JA, Glickman JN, Demetri GD, Van den Abbeele A, **Silverman SG**. Imaging features of bone metastases in patient with gastrointestinal stromal tumors. *Diagn Interv Radiol*. 2012;18:391-396.
19. Kantarci M, Doganay S, Karcaaltincaba M, Karabulut N, Erol MK, Yalcin A, Duran C, Dursun M, Karakaya A, **Tatli S**. Clinical conditions where coronary CT angiography could be preferred in comparison with coronary angiography. *Diagn Interv Radiol* 2012;18(3):261-269.
20. Kelly PJ, **Shinagare S, Sainani N**, Hong X, Ferrone C, Yilmaz O, Fernández-del Castillo C, Lauwers GY, Deshpande V. Cystic papillary pattern in pancreatic ductal adenocarcinoma: a heretofore undescribed morphologic pattern that mimics intraductal papillary mucinous carcinoma. *Am J Surg Pathol*. 2012;36(5):696-701.
21. **Khorasani R**. Capturing the cognitive input of radiologists in the care process: Next-generation health IT requirements. *JACR* 2012;9(6):393-394.

22. Lacson R, Andriole KP, Prevedello LM, **Khorasani R**. Information from searching content with an ontology-utilizing toolkit (iScout). *Journal of Digital Imaging*. 2012;25(4):512-519
23. Lacson R, Prevedello LM, Andriole KP, Gill R, Lenoci-Edwards J, Roy C, Gandhi T, **Khorasani R**. Factors associated with radiologists' adherence to Fleischner Society guidelines for management of pulmonary nodules. *Journal of the American College of Radiology* 2012;9:468-473.
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26. Lee LS, Bellizzi AM, Banks PA, **Sainani NI**, Kadiyala V, Suleiman S, Conwell DL, Paulo JA. Differentiating Branch Duct and Mixed IPMN in Endoscopically Collected Pancreatic Cyst Fluid via Cytokine Analysis. *Gastroenterol Res Pract*. 2012;2012:247309.
27. Liszewski MC, **Sahni VA**, **Shyn PB**, Friedman S, Hornick JL, Erturk SM, **Mortele KJ**. MDCT enterography assessment of the ileal-anal pouch: descriptive radiological analysis with endoscopic and pathological correlation. *Journal of Computer Assisted Tomography* 2012;36(4):394-399.
28. Liu X, **Tuncali K**, Wells WM, Morrison PR, Zientara GP. Fully automatic segmentation of iceball for image-guided cryoablation. In: *Conf Proc IEEE Eng Med Biol Soc*; August 2012, San Diego, CA; 2012 p.2337-2330.
29. Lokken P, **Sadow CA**, **Silverman SG**. Diagnostic yield of CT urography in the evaluation of young adults with hematuria. *AJR* 2012;198:609-615.
30. Maehara C, Jacobson F, Andriole KP, **Khorasani R**. Utilization effect of integrating a chest radiography room into a thoracic surgery ward. *Journal of the American College of Radiology* 2012;9:421-425.
31. Mandl KD, **Khorasani R**, Kohan IS. Meaningful use of electronic medical health records [Letter]. *Healthh Records* 2012;31:6;1365-1366.
32. Moradi M, Janoos F, Federov A, Risholm P, Kapur T, Wolfsberger LD, Nguyen PL, **Tempany CM**, Wells WM. Two solutions for registration of ultrasound to MRI for image-guided prostate interventions. *Conf Proc IEEE Eng med Biol Soc*. 2012;1129-1132. doi 10.1109/EMBC.2012.6346134. PMID 23366095.

33. Mottola JC, **Sahni VA**, Erturk SM, Swanson R, Banks PA, **Mortele KJ**. Diffusion-weighted MRI of focal pancreatic cystic lesions at 3.0 Tesla: preliminary results. *Abdominal Imaging* 2012;37:110-117.
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36. Panych LP, Roebuck JR, Chen NK, Tang Y, Madore B, **Tempany CM**, Mulkern RV. Investigation of PSF-choice methods for reduced lipid contamination in prostate MR spectroscopic imaging. *Magn Reson Med* 2012;68(5):1376-1382.
37. Patel B, Mottola J, **Sahni VA**, Cantisani V, Erturk M, Friedman S, Bellizzi AM, Marcantonio A, **Mortele KJ**. MDCT assessment of ulcerative colitis: radiologic analysis with clinical, endoscopic, and pathologic correlation. *Abdominal Imaging* 2012;39:61-69.
38. Prevedello LM, Farkas C; Ip IK, Cohen AB, Mukundan S, Sodickson A, **Khorasani R**. Large-scale automated assessment of radiologist adherence to the Physician Quality Reporting Initiative (PQRI) for stroke. *Journal of the American College of Radiology*. 2012;9(6):414-420.
39. Prevedello LM, Zane RD, Raja AS, Sodickson A, Lipsitz S, Schneider L, Hanson R, Mukundan S, **Khorasani R**. Variation in use of head computed tomography by emergency physicians. *American Journal of Medicine*. 2012;125(4):356-364.
40. Pursley J, Risholm P, Fedorov A, **Tuncali K**, Fennessy FM, Wells WM, **Tempany CM**, Cormack RA. A Bayesian nonrigid registration method to enhance intraoperative target definition in image-guided prostate procedures through uncertainty characterization. *Med Phys*. 2012; 39 (11):6858-6867.
41. Prevedello LM, **Khorasani R**. IT tools can help "harvest" clinical case material from your PACS. *J Am Coll Radiol*. 2012;9(8):543-544.
42. Raja AS, Ip IK, Prevedello LM, Sodickson AD, Farkas C, Zane RD, Hanson R, Goldhaber SZ, Gill RR, **Khorasani R**. Effect of computerized clinical decision support on the use and yield of CT pulmonary angiography in the emergency department. *Radiology*. 2012;262(2):468-474.
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44. Ross RW, Galsky MD, Febbo P, Barry M, Richie JP, Xie W, Fennessy FM, Bhatt RS, Hayes J, Choueiri TK, **Tempany CM**, Kantoff PW, Taplin ME, Oh WK. Phase 2 study of neoadjuvant docetaxel plus bevacizumab in patients with high-risk localized prostate cancer : A Prostate Cancer Clinical Trials Consortium trial. *Cancer*. 2012;118 (19):4777-4784.
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46. **Sahni VA**, Hirsch MS, **Silverman SG**. Renal angiomyoadenomatous tumor: imaging features. *Canadian Urological Association Journal* 2012;6:E140-143.
47. **Sahni VA**, **Mortele KJ**. Magnetic resonance cholangiopancreatography. In: Hawkey CJ, Bosch J, Richter JE, Garcia-Tsao G, Chan FKL, editors. *Textbook of Clinical Gastroenterology and Hepatology*, 2nd edition. Oxford, UK: Wiley-Blackwell, 2012
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49. Shinagare AB, Meylaerts LJ, Laury AR, **Mortele KJ**. MRI features of ovarian fibroma and fibrothecoma with histopathologic correlation. *AJR* 2012;198:296-303.
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59. Watson RR, **Braver JM**, Thompson CC. EUS-guided upper GI series for the evaluation of the defunctionalized stomach following gastric bypass. *Gastroint. Endosc.* 2012;76:219-220.
60. Zafar HM, Mills AM, **Khorasani R**, Longlotz CP. Clinical decision support for imaging in the era of patient protection and the affordable care act. *J Am Coll Radiol.* 2012;9(12):907-908.