

**Abdominal Imaging and Intervention**  
**Staff Publications**  
**2006**

1. Albert M, Hurwitz M, Beard C, **Tempany C**, Cormack R, D'Amico A. Magnetic resonance image-guided partial prostatic irradiation in select patients with clinically localized adenocarcinoma of the prostate. In: Practical Brachytherapy: Applications and Techniques, Devlin Ed. Lippincott, Baltimore 2006
2. Arienti V, Pretolani S, Goldberg SN, **Silverman SG**, Gervais DA, Lencioni R, Sacks D, Dupuy D. How to report and compare complications of image-guided ablation therapies: comments on seeding and the use of a sole common denominator for liver tumors. Radiology 2006;241:625-626.
3. Ascher SM, Siewert B, Troiano R, **Tempany C**, Reinhold C. Female pelvis: benign vaginal, uterine and ovarian conditions. In: Edelman RR, Hesselink JR, Zlatkin MB, Crues JV III, eds. Clinical magnetic resonance imaging. 3<sup>rd</sup> ed. New York, NY: Elsevier 2006.
4. Berzin TM, **Mortele KJ**, Banks PA. The management of suspected pancreatic sepsis. Gastroenterol Clin North Am 2006; 35:393-407.
5. **Bricault I**, Kikinis R, **Morrison PR**, **vanSonnenberg E**, **Tuncali K**, **Silverman SG**. 3D analysis for detecting local recurrences following radiofrequency ablation of liver metastases. Radiology 2006; 241:243-250.
6. Das M, Sauer F, Schoepf UJ, Khamene A, Vogt SK, Schaller S, Kikinis R, **vanSonnenberg E**, **Silverman SG**. Augmented reality visualization for CT-guided interventions: system description, feasibility, and initial evaluation in an abdominal phantom. Radiology 2006; 240:230-235.
7. De Backer AI, **Mortele KJ**, DE Keulenaer BL, Henckaerts L, Verhaert L. CT and MR imaging of gastrointestinal tuberculosis. JBR-BTR, 2006; 89:190-194.
8. De Backer AI, **Mortele KJ**, Vanhoenacker FM, Parizel PM. Imaging of extraspinal musculoskeletal tuberculosis. Eur J Radiol 2006; 57:119-130.
9. De Backer AI, Vanhoenacker FM, **Mortele KJ**, Vanschoubroeck IJ, De Keulenaer BL, Parizel PM. MRI features of focal splenic lesions in patients with disseminated tuberculosis. AJR Am J Roentgenol 2006; 186:1097-1102.
10. DiMaio SP, Pieper S, Chinzei K, Hata N, Balogh E, Fichtinger G, **Tempany CM**, Kikinis R. Robot-assisted needle placement in open-MRI: system architecture, integration and validation. Stud Health Technol Inform 2006; 119:126-131.

11. **Erturk SM**, Ichikawa T, Fujii H, Yasuda S, **Ros PR**. PET imaging for evaluation of metastatic colorectal cancer of the liver. *Eur J Radiol* 2006; 58:229-235.
12. **Erturk SM, Morteale KJ**, Binkert C, **Oliva MR, Ros PR, Silverman SG**. CT features of hepatic venoocclusive disease and hepatoc graft-versus-host disease in patients following hematopoietic stem cell transplantation. *AJR Am J Roentgenol* 2006; 186:1497-1501.
13. **Erturk SM, Morteale KJ, Tuncali K**, Saltzman J, Lao R, **Silverman SG**. Fine needle aspiration of biopsy of solid pancreatic masses: comparison of CT and endoscopic sonography guidance. *AJR* 2006;187:1531-1535.
14. **Erturk SM**, Ondategui-Parra S, Otero H, **Ros PR**. Evidence-Based Radiology. *JACR* 2006; (3) 7:513-519.
15. Fennessy FM, **Tempany CM**. A review of magnetic resonance imaging-guided focused ultrasound surgery of uterine fibroids. *Top Magn Reson Imaging* 2006; 17:173-179.
16. Goldberg SN, **Silverman SG**, Gervais DA, Lencioni R. Response letter for standardization of terminology and reporting criteria for image-guided tumor ablation. *Radiology* 2006; 241:625-627.
17. Green GE, **Morteale KJ**, Glickman JN, Benson CB. Brenner tumor of the ovary: sonographic and computed tomographic imaging features. *Journal of Ultrasound in Medicine*, 2006; 25:1245-1251.
18. Kaushal R, Jha AK, Franz C, Glaser J, Shetty KD, Jaggi T, Middleton B, Kuperman GJ, **Khorasani R**, Tanasijevic M, Bates DW. Return on investment for a computerized physician order entry system. *J Am Med Inform Assoc* 2006; 13:261-266.
19. **Khorasani R**. Clinical decision support in Radiology: What is it, why do we need it, and what key features make it effective? *Journal of the American College of Radiology*. 2006; 3(2):142-143.
20. **Khorasani R**. Requirements for the Optimal Communications of Test Results. *Journal of the American College of Radiology*. *J Am Coll Rad* 2006; 742-743.
21. Lo WK, **vanSonnenberg E, Shankar S, Morrison PR, Silverman SG, Tuncali K**, Rabin M. Percutaneous CT-guided radiofrequency ablation of symptomatic bilateral adrenal metastases in a single session. *J Vasc Interv Radiol* 2006; 17:175-179.

22. Luna A, Ribes R, Caro P, Luna L, Aumente E, **Ros PR**. MRI of focal splenic lesions without and with dynamic gadolinium enhancement. *AJR Am J Roentgenol* 2006; 186:1533-1547.
23. Matin A, Bates DW, Sussman A, Ros P, Hanson R, **Khorasani R**. Inpatient radiology utilization: trends over the past decade. *AJR Am J Roentgenol* 2006; 186:7-11.
24. McDannold N, **Tempany CM**, Fennessy FM, So MJ, Rybicki FJ, Stewart EA, Jolesz FA, Hynynen K. Uterine leiomyomas: MR imaging-based thermometry and thermal dosimetry during focused ultrasound thermal ablation. *Radiology* 2006; 240:263-272.
25. **Mortele KJ**, Rocha TC, Streeter JL, Taylor AJ. Multimodality imaging of pancreatic and biliary congenital anomalies. *Radiographics* 2006; 26:715-731.
26. **Mortele KJ**, Shirkhoda A. Variants and pitfalls in body imaging. *Abdomen and Pelvis. Diseases of the Abdomen and Pelvis* 2006; 26-32.
27. Mulkern RV, Szot-Barnes A, Haker SJ, Hung YP, Rybicki FJ, Maier SE, **Tempany C**. Biexponential characterization of prostate tissue water decay curves over an extended b-factor range. *Mag Res Imaging* 2006 (24) 563-568
28. Odulate AS, **Mortele KJ**. The eligible patient: indications and contraindications. *Virtual Colonoscopy, Springer-Verlag Berlin* 2006; 13-22.
29. Oliva MR, **Mortele KJ**, **Erturk SM**, **Ros PR**. Magnetic resonance imaging of the pancreas. *Applied Radiology* 2006; 35:2:7-21.
30. Oliva MR, **Mortele KJ**, Segatto E, Glickman JN, **Erturk SM**, **Ros PR**, **Silverman SG**. Computed tomography features of nonalcoholic steatohepatitis with histopathologic correlation. *J Comput Assist Tomogr* 2006; 30:37-43.
31. Otero HJ, **Erturk SM**, Ondategui-Parra S, **Ros PR**. Key criteria for selection of radiology residents: results of a national survey. *Acad Radiol* 2006; 13:1155-1164.
32. Patak MA, **Ros PR**. Imaging the small bowel with multidetector-row CT. *CDR* 2006; 5:1-6.
33. **Silverman SG**, Akbar SA, **Mortele KJ**, **Tuncali K**, Bhagwat JG, Seifert JL. Multidetector-row CT urography: comparison of furosemide and saline as adjuncts to contrast medium for depicting the normal urinary collecting system. *Radiology* 2006; 240:749-755.

34. **Silverman SG**, Gan YU, **Mortele KJ**, **Tuncali K**, Cibas ES. Renal masses in the adult patient: the role of percutaneous biopsy. *Radiology* 2006; 240:6-22.
35. **Silverman SG**, Gan YU, **Mortele KJ**, **Tuncali K**, Cibas ES. Renal mass biopsy in the new millennium: an important diagnostic procedure. In: Ramchandani P, editor. *Genitourinary Radiology: A Categorical Course*. Radiological Society of North America 2006; 219-236.
36. **Silverman SG**, Hartman DS. Radiologic approach to solid and cystic renal masses. In: Hodler J, von Schulthess GK, Zollkofer CHL, editors. *Disease of the Abdomen and Pelvis: Diagnostic Imaging and Interventional Techniques*. Milan, Italy, Springer-Verlag. 2006:127-131.
37. So MJ, Fennessy FM, Zou KH, McDannold N, Hynynen K, Jolesz FA, Stewart EA, Rybicki FJ, **Tempny CM**. Does the phase of menstrual cycle affect MR-guided focused ultrasound surgery of uterine leiomyomas? *European Journal of Radiology*. 2006; 59:203-207.
38. Sodickson A, **Mortele KJ**, **Barish MA**, Zou KH, Thibodeau S, **Tempny CM**. Three-dimensional fast-recovery fast spin-echo MRCP: comparison with two-dimensional single-shot fast spin-echo techniques. *Radiology* 2006; 238:549-559.
39. Stewart EA, Rabinovici J, **Tempny CM**, Inbar Y, Regan L, Gostout B, Hesley G, Kim HS, Hengst S, Gedroyc WM. Clinical outcomes of focused ultrasound surgery for the treatment of uterine fibroids. *Fertil Steril* 2006 Jan; 85: 22-29.
40. **Tatli S**, **Mortele KJ**, Breen EL, Bleday R, **Silverman SG**. Local staging of rectal cancer using combined pelvic phased-array and endorectal coil MRI. *J Magn Reson imaging* 2006; 23:534-540.
41. Taylor HO, **Barish M**, Soybel D. Unraveling intestinal malrotation with 3-Dimensional Computed Tomography. *Clin Gastroenterol Hepatol* 2006; 4:A29.
42. **Tuncali K**, Morrison PR, **Tatli S**, **Silverman SG**. MRI-guided percutaneous cryoablation of renal tumors: use of external manual displacement of adjacent bowel loops. *Eur J Radiol* 2006; 59:198-202.
43. Vandaele P, **Oliva MR**, **Barish MA**, **Mortele KJ**. CT colonography: The essentials. *Applied Radiology* 2006 Jan; 35(1):8-17.
44. Viswanathan AN, Cormack R, Holloway CL, Tanaka C, O'Farrell D, Devlin PM, **Tempny C**. Magnetic resonance-guided interstitial therapy for vaginal recurrence of endometrial cancer. *Int J Radiat Oncol Biol Phys*. 2006; 66(1):91-9

45. Warfield SK, Nabavi A, Butz T, **Tuncali K**, **Silverman SG**, Black PM, Jolesz FA, Kikinis R. Intraoperative Segmentation and Nonrigid Registration for Image Guided Therapy. In: Delp SL, DiGoia AM, Jaramaz B, eds. Lecture notes in computer science. Springer Berlin, Vol. 1935/2000, 176-185, 2006. Heidelberg Germany.
46. Wilcox RB, Fallano J, Shannon K, Carrino JA, Sinclair J, **Khorasani R**. Picture Archiving and Communication System and Its Impact on Image Viewing in Physical Therapy Practice. Journal of Digital Imaging. 2006; 19:346-350.
47. Xiong L, Viswanathan A, Stewart AJ, Haker S, **Tempny CM**, Chin LM, Cormack RA. Deformable structure registration of bladder through surface mapping. Med Phys 2006; 33:1848-56.