

**Abdominal Imaging and Intervention
Staff Publications
2017**

1. Bhagavatula SK, Chick JFB, Chauhan NR, **Shyn PB**. Artificial ascites and pneumoperitoneum to facilitate thermal ablation of liver tumors: a pictorial essay. *Abdom Radiol* 2017;42(2):620-30.
2. Bhagavatula SK, Lane JS, **Shyn PB**. A radiologist's view of tumor ablation in the radiology suite. *Anesthesiology Clinics* 2017;35(4):617-626.
3. Bhagavatula SK, **Shyn PB**, Image-Guided Renal Interventions. *Radiol Clin North Am.* 2017;55(2):359-371.
4. Bobbin MD, Ip IK, **Sahni VA**, Shinagare AB, **Khorasani R**. Focal cystic pancreatic lesion follow-up on recommendations after publication of ACR White paper on managing incidental findings. *JACR* 2017;14:757-764.
5. **Boland GW**, Glenn L, Goldberg-Stein S, Jha S, Mangano M, Patel S, Schoppe KA, Seidenwurm D, Lohnes J, Silva E 3rd, Abramson R, Durand DJ, Pattie L, Kassing P, Heller RE 3rd. Report of the ACR's Economics Committee on value-based payment models. *J Am Coll Radiol* 2017 Jan;14(1):6-14
6. Burch EA, **Shyn PB**, Chick JF, Chauhan NR. Auditing an online self-reported interventional radiology adverse event database for compliance and accuracy. *J Am Coll Radiol* 2017;14(3):383-385.
7. Chang KJ, Collins S, Li B, **Mayo-Smith WW**. Optimizing CT technique to reduce radiation dose: effect of changes in kVp, iterative reconstruction, and noise index on dose and noise in a human cadaver. *Radiol Phys Technol* 2017 Jun;10(2):180-188.
8. Chen Q, Müftü S, Meral FC, **Tuncali K**, Akçakaya M. Model-based optimal planning of hepatic radiofrequency ablation. *Math Med Biol.* 2017;34(3):415-431.
9. Coakley FV, Oto A, Alexander LF, Allen BC, Davis BJ, Froemming AT, Fulgham PF, Hosseinzadeh K, Porter C, **Sahni VA**, Schuster DM, Showalter TN, Venkatesan AM, Verma S, Wang CL, Remer EM, Eberhardt SC. ACR Appropriateness Criteria Prostate Cancer-Pretreatment Detection, Surveillance, and Staging. *Journal of American College of Radiology* 2017;14(5S):S245-S247.
10. Davenport MS, Hu EM, Smith AD, Chandarana H, Hafez K, Palapattu GS, Wolf JS, **Silverman SG**. Reporting standards for the imaging-based diagnosis of renal masses on CT and MRI: a national survey of academic abdominal radiologists and urologists. *Abdom Radiol* 2017;42:1229-1240.

11. Davenport MS, Parikh KR, **Mayo-Smith WW**, Israel GM, Brown RK, Ellis JH. Effect of fixed-volume and weight-based dosing regimens on the cost and volume of administered iodinated contrast material at abdominal CT. *J Am Coll Radiol* 2017;14:359-370.
12. **Dunne RM**, O'Neill A, **Tempany CM**. Imaging tools in clinical research: focus on imaging technologies. In: *Clinical and Translational Science*. 2nd Ed. David Robertson and Gordon H. Williams, eds. Elsevier Inc. 2017. pp. 157-176.
13. **Dunne RM**, O'Neill A, **Tempany CM**. Imaging tools in clinical research: focus on imaging-guided intervention. In: *Clinical and Translational Science*. 2nd Ed. David Robertson and Gordon H. Williams, eds. Elsevier Inc. 2017. pp. 181-190.
14. **Dunne RM**, **Tempany-Afdahl C**. The role of multiparametric MRI on prostate cancer management. *Current Urology Reports* (in press).
15. Epelboym Y, **Shyn PB**, Hosny A, Kelil T, Chick JFB, Chauhan NR, Ripley B, Nawfel RD, Scholz FJ. Use of a 3D-printed abdominal compression device to facilitate CT fluoroscopy-guided percutaneous interventions. *AJR* 2017;209:435-441.
16. Epelboym Y, **Shyn PB**, Chick JFB, Hamilton MJ, O'Connor SD, **Silverman SG**, Kim CK. Crohn's disease: FDG-PET/CT before and after initial dose of anti-TNF therapy to predict long-term response. *Clinical Nuclear Medicine* 2017;42:837-841.
17. Fedorov A, Vangel MG, **Tempany CM**, Fennessy FM. Multiparametric magnetic resonance imaging of the prostate: repeatability of volume and apparent diffusion coefficient quantification. *Invest Radiol* 2017;52:538-546.
18. Fleishon HB, Itri JN, **Boland GW**, Duszak R Jr. Academic medical centers and community hospitals integration: trends and strategies. *J Am Coll Radiol* 2017;14:45-51.
19. Giess CS, Pourjabbar S, Ip IK, Lacson R, Alper E, **Khorasani R**. Comparing diagnostic performance of digital breast tomosynthesis and full-field digital mammography in a hybrid screening environment. *AJR* 2017;209:929-934.
20. **Glazer DI**, Hassanzadeh E, Fedorov A, Olubiyi OI, Goldberger SS, Penzkofer T, Flood TA, Masry P, Mulkern RV, Hirsch MS, **Tempany CM**, Fennessy FM. Diffusion-weighted endorectal MR Imaging at 3T for prostate cancer: correlation with tumor cell density and percentage Gleason pattern on whole mount pathology. *Abdom Radiol* 2017:918-925.
21. **Glazer DI**, **Mayo-Smith WW**, **Sainani NI**, **Sadow CA**, Vangel MG, **Tempany CM**, **Dunne RM**. Inter-reader agreement of PI-RADS Version 2 using an in-Bore MR imaging-guided prostate biopsy cohort: a single institution's initial experience. *AJR* 2017;209:W145-W151.

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25. Hassanzadeh E, **Glazer DI, Dunne RM**, Fennessey F, Harisinghani MG, **Tempany CM.** Prostate imaging reporting and data system version2 (PI-RADS v2) a pictorial review. *Abdom Radiol* 2017;42:278-289.
26. Heller HT. Walker BS. Sadow CA. Frates MC. Imaging appearance of topical haemostatic agents: Pictorial Review. *Br J Radiol* 2017;90:20160664.
27. Hentel K, Menard A, **Khorasani R.** New CMS Clinical decision support regulations: a potential opportunity with major challenges. *Radiology* 2017;283:10-13.
28. Hosseinzadeh K, Oto A, Allen BC, Coakley FV, Friedman B, Fulgham PF, Hartman MS, Heller MT, Porter C, **Sahni VA**, Sudakoff GS, Verma S, Wang CL, Yoo DC, Remer EM, Eberhardt SC. ACR Appropriateness Criteria Hematospermia. *J Am Coll Radiol* 2017;14(5S):S154-S159.
29. Ip IK, Lacson R, Hentel K, Malhotra S, Darer J, Langlotz C, Weiss J, Raja AS, **Khorasani R.** Predictors of provider response to clinical decision support: lessons learned from the Medicare Imaging Demonstration. *AJR Am J Roentgenol.* 2017;208(2):351-357.
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33. Kapoor N, Blumenthal DM, Smith SE, Ip IK, **Khorasani R.** Sex differences in radiologist salary in U.S. public medical schools. *AJR* 2017;209:953-958.

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36. Khalilzadeh O, Baerlocher MO, **Shyn PB**, Connolly BL, Devane AM, Morris CS, Cohen AM, Midia M, Thornton RH, Gross K, Caplin DM, Aeron G, Misra S, Patel NH, Walker TG, Martinez-Salazar G, Silberzweig JE, Nikolic B. Proposal of a new adverse event classification by the Society of Interventional Radiology standards of practice committee. *J Vasc Interv Radiol.* 2017;28(10):1432-1437.
37. Kim H, **Shyn PB**, Wu L, Levesque V, **Khorasani R**, **Silverman SG**. Wall suction-assisted image-guided thoracentesis: a safe alternative to evacuated bottles. *Clin Radiol* 2017;72(10):898.e1-898.
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