



## John P. McGahan, M.D.

### Clinical Interests

Dr. McGahan is a leading interventional and diagnostic radiologist. He has pioneered the use of several innovative techniques, including the use of radiofrequency ablation to treat primary and metastatic tumors (with results comparable to traditional surgery, but with fewer risks). He also has used ablation techniques in the treatment of primary and metastatic liver, renal and lung tumors. He has treated benign and metastatic bone tumors as well. In addition, Dr. McGahan has investigated new techniques of tissue ablation for other organs, such as the prostate and breast. He has pioneered several other interventional techniques, including the development of percutaneous cholecystostomy as well as new techniques for endoluminal drainage of pelvic abscesses. He recently has studied the efficacy of abdominal ultrasound contrast in patients who have different diseases, including the use of ultrasound contrast in patients with hepatic or splenic injuries from blunt abdominal trauma.

Dr. McGahan was appointed as the chairperson by the American College of Radiology for its national Accreditation Program of Ultrasound Practices in the United States and Canada. He serves on the editorial board of several scientific journals and has edited six textbooks, including *Diagnostic Ultrasound, A Logical Approach*; *Diagnostic Imaging of Fetal Anomalies*; and most recently, an *Atlas of Ultrasound Measurements*.

**Title** Professor

**Specialty** [Cancer](#), [Radiology](#), [Radiology - Abdominal Imaging](#), [Radiology - Body MRI](#), Radiology - Interventional Radiology, Radiology - Radiofrequency Ablation

**Department** [Radiology](#)

**Division** Abdominal Imaging  
Body MRI  
Radiofrequency Ablation

**Center/Program Affiliation** [UC Davis Comprehensive Cancer Center](#)

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## John P. McGahan, M.D.

**Education** M.D., F.A.C.R., Oregon Health & Science University School of Medicine, Portland, Oregon, 1974  
B.S., Gonzaga University, Spokane, Washington, 1970

**Internships** UC Davis Medical Center, Sacramento, California, 1974-1975

**Residency** UC Davis Medical Center, Sacramento, California, 1975-1979

**Board Certifications** American Board of Radiology, 1979  
American Board of Radiology, Vascular and Interventional Radiology, 1995  
National Board of Medical Examiners, 1974

**Professional Memberships** American College of Radiology, Fellow  
American Institute of Ultrasound in Medicine, Fellow  
American Roentgen Ray Society  
Association of University Radiologists  
International Hepato-Biliary Pancreatic Association  
International Society of Biliary Radiology  
Radiological Society of North America  
Society of Biliary Radiology  
Society of Radiologists in Ultrasound, Fellow

**Select Recent Publications** Katzberg RW, McGahan JP. Science to practice: Will Gadolinium--enhanced MR imaging be useful in assessment of at-risk pregnancies? *Radiology*. 2011 Feb;258(2):325-6.  
Lam D, Wootton-Gorges SL, McGahan JP, Stern R, Boone JM. Abdominal pediatric cancer surveillance using serial computed tomography: evaluation of organ absorbed dose and effective dose. *Semin Oncol*. 2011 Feb;38(1):128-35.  
McGahan JP, Loh S, Boschini FJ, Paoli EE, Brock JM, Monsky WL, Li CS. Maximizing parameters for tissue ablation by using an internally cooled electrode.  
Towner D, Gerscovich EO, Chiong BB, Rhee-Morris L, McGahan JP. Comparison of single versus multiple echogenic foci in the fetal heart regarding risk of aneuploidy. *J Ultrasound Med*. 2010 Jul; 29(7):1061-7.  
Holmes JF, Wisner DH, McGahan JP, Mower WR, Kuppermann N. Clinical prediction rules for identifying adults at very low risk for intra-abdominal injuries after blunt trauma. *Ann Emerg Med*. 2009 Oct;54(4):575-84. Epub 2009 May 19.  
McGahan JP, Wu C. Sonographically guided transvaginal or transrectal pelvic abscess drainage using the trocar method with a new drainage guide attachment, *AJR Am J Roentgenol*, 191(5): 1540-4, Nov 2008.



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Naderi S, McGahan JP. A primer for fetal cardiac imaging: a stepwise approach for 2-dimensional imaging. *Ultrasound Q*. 2008 Sep; 24(3):195-206.

McGahan JP, Khatri VP. Imaging findings after liver resection by using radiofrequency parenchymal coagulation devices: initial experiences, *Radiology*, 247(3):896-902, Jun 2008.

Khatri VP, McGahan JP, Ramsamooj R, Griffey S, Brock J, Cronan M, Wilkendorf S. A phase II trial of image-guided radiofrequency ablation of small invasive breast carcinomas: use of saline-cooled tip electrode, *Ann Surg Oncol*, 14(5):1644-52, 2007 May.

McGahan JP, Horton S, Gerscovich EO, Gillen M, Richards JR, Cronan MS, Brock JM, Battistella F, Weisner DH, Holmes JF. Appearance of solid-organ injury with contrast-enhanced sonography in blunt abdominal trauma: Preliminary experience. *Am J Roentgenol*, 187(3):658-66, Sep 2006.

McGahan JP, Ro KM, Evans CP, Ellison LM. Efficacy of transhepatic radiofrequency ablation of renal-cell carcinoma. *Am J Roentgenol*, 186(5 Suppl):S311-5, May 2006.

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