

# Stanford

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## R Brooke Jeffrey

Professor of Radiology (Body Imaging)

### CLINICAL OFFICES

- **Stanford Diagnostic Radiology**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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### CLINICAL FOCUS

- Diagnostic Radiology
- Radiology

### ACADEMIC APPOINTMENTS

- Professor, Radiology
- Member, Bio-X

### ADMINISTRATIVE APPOINTMENTS

- Acting Division Chief, Body Imaging, Department of Radiology, Stanford University Medical Center, (2018- present)
- Section Chief, Abdominal Imaging, Department of Radiology, Stanford University Medical Center, (1990-2012)
- Fellowship Director, Abdominal Imaging, Department of Radiology, Stanford University Medical Center, (1990-2018)
- Associate Chair for Academic Affairs, Department of Radiology, Stanford University Medical Center, (2004- present)
- Vice Chair, Department of Radiology, (2010-2017)

### HONORS AND AWARDS

- SAR Lifetime Achievement Award, Society of Abdominal Radiology (2016)
- SRU Lifetime Achievement Award, Society of Radiologists in Ultrasound (2016)
- Fellow, Society of Radiologists in Ultrasound (2013)
- Corecipient Cum Laude Award, SCBT/MR (1999)
- Corecipient Cum Laude Award for poster presentation, RSNA (1999)
- Corecipient Hounsfield Award, SCBT/MR (1999)
- Hounsfield Award, SCBT/MR (1999)
- Corecipient of Magna & Cum Laude Awards, SCBT/MR (1998)

- Corecipient Cum Laude Award for Outstanding Scientific Paper, SCBT/MR (1996)
- Research Award: Virtual Colonoscopy, Society of Gastrointestinal Radiologists (1996)
- Teacher of the Year, Department of Radiology, Stanford University (1993)
- Corecipient Magna Cum Laude Award for scientific exhibit, RSNA (1992)
- Corecipient Mocada Research Award, SCBT/MR (1992)
- Named to Editorial Board, Radiology (1992)
- Outstanding Alumnus Award, UC San Francisco (1992)
- Corecipient Winthrop Research Award, SCBT/MR (1991)
- Corecipient Lauterbur Research Award, SCBT/MR (1990)
- Teacher of the Year Award, Department of Radiology, Stanford University (1990)
- Teacher of the Decade, UC San Francisco (1989)
- Residents' Tribute for Outstanding Faculty Member, Department of Radiology, UC San Francisco (1985)
- Teacher of the Year Award, UC San Francisco (1982)
- Heller Fellowship in Diagnostic Radiology, UC San Francisco (1979)
- Chief Resident, Department of Radiology, UC San Francisco (1978)
- Elmer Ng Award for Outstanding Resident in Radiology, UC San Francisco (1978)

## **PROFESSIONAL EDUCATION**

- Fellowship: UCSF Medical Center (1980) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (1979)
- Residency: UCSF Medical Center (1979) CA
- Internship: Columbia Presbyterian Medical Center (1975) NY
- Medical Education: Jefferson Medical College (1974) PA
- A.B., Princeton University (1970)
- M.D., Jefferson Medical College (1974)
- Internship, Columbia Presbyterian Med Center , Surgical Internship (1975)
- Residency, UC San Francisco , Radiology (1979)
- Fellowship, UC San Francisco , Abdominal Imaging (1980)

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Pancreatic MDCT

Thyroid ultrasound/biopsy

Virtual Colonoscopy

Imaging of appendicitis

Hepatic MDCT

Capsule ultrasound (wireless) of GI tract

### **CLINICAL TRIALS**

- Perfusion CT as a Predictor of Treatment Response in Patients With Rectal Cancer, Not Recruiting

- Prognostic Value of Baseline Computed Tomography (CT) Perfusion Parameters of Pancreatic Cancer for Patients Undergoing Stereotactic Body Radiotherapy or Surgical Resection, Not Recruiting

## Publications

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### PUBLICATIONS

- **Bowel obstruction complicated by ischemia: analysis of CT findings** *ABDOMINAL RADIOLOGY*  
Cox, V. L., Tahvildari, A. M., Johnson, B., Wei, W., Jeffrey, R.  
2018; 43 (12): 3227–32
- **Performance of Hepatic Artery Velocity in Evaluation of Causes of Markedly Elevated Liver Tests.** *Ultrasound in medicine & biology*  
Tse, J. R., Jeffrey, R. B., Kamaya, A.  
2018
- **Radiologic Evaluation of Intrahepatic Cholangiocarcinoma Perineural Invasion** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Raghavan, K., Jeffrey, R., Olcott, E. W.  
2018; 210 (3): W129
- **Extrapancreatic perineural invasion in pancreatic adenocarcinoma** *ABDOMINAL RADIOLOGY*  
Patel, B. N., Olcott, E., Jeffrey, R.  
2018; 43 (2): 323–31
- **Diagnostic Performance of Margin Features in Thyroid Nodules in Prediction of Malignancy.** *AJR. American journal of roentgenology*  
Siebert, S. M., Gomez, A. J., Liang, T., Tahvildari, A. M., Desser, T. S., Jeffrey, R. B., Kamaya, A.  
2018: 1–6
- **Central echogenic areas in thyroid nodules: Diagnostic performance in prediction of papillary cancer.** *European journal of radiology*  
Siebert, S. M., Jeffrey, R. B., Gomez, A. J., Kamaya, A.  
2018; 101: 45–49
- **INTRA-INDIVIDUAL COMPARISON BETWEEN 2-D SHEAR WAVE ELASTOGRAPHY (GE SYSTEM) AND VIRTUAL TOUCH TISSUE QUANTIFICATION (SIEMENS SYSTEM) IN GRADING LIVER FIBROSIS** *ULTRASOUND IN MEDICINE AND BIOLOGY*  
Sigrist, R. S., El Kaffas, A., Jeffrey, R., Rosenberg, J., Willmann, J. K.  
2017; 43 (12): 2774–82
- **Anatomic Reasons for Failure to Visualize the Appendix With Graded Compression Sonography: Insights From Contemporaneous CT** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Lin, W., Jeffrey, R., Trinh, A., Olcott, E. W.  
2017; 209 (3): W128–W138
- **Spectral Doppler Waveforms for Diagnosis of Appendicitis: Potential Utility of Point Peak Systolic Velocity and Resistive Index Values.** *Radiology*  
Shin, L. K., Jeffrey, R. B., Berry, G. J., Olcott, E. W.  
2017: 162251-?
- **Doppler Ultrasound in Liver Cirrhosis: Correlation of Hepatic Artery and Portal Vein Measurements With Model for End-Stage Liver Disease Score** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Park, H. S., Desser, T. S., Jeffrey, R. B., Kamaya, A.  
2017; 36 (4): 725-730
- **Cholestyramine as a promising, strong anion exchange resin for direct capture of genetic biomarkers from raw pancreatic fluids** *BIOTECHNOLOGY AND BIOENGINEERING*  
Hilmer, A. J., Jeffrey, R. B., Park, W. G., Khosla, C.  
2017; 114 (4): 934-938
- **Imaging Pancreatic Cysts with CT and MRI.** *Digestive diseases and sciences*  
Jeffrey, R. B.  
2017
- **Sonographic Differentiation of Complicated From Uncomplicated Appendicitis Implications for Antibiotics-First Therapy** *JOURNAL OF ULTRASOUND IN MEDICINE*

- Xu, Y., Jeffrey, R. B., Chang, S. T., DiMaio, M. A., Olcott, E. W.  
2017; 36 (2): 269-277
- **Capsule Ultrasound Device: Characterization and Testing Results**  
Wang, J., Memon, F., Touma, G., Baltsavias, S., Jang, J., Chang, C., Rasmussen, M., Olcott, E., Jeffrey, R., Arbabian, A., Khuri-Yakub, B. T., IEEE  
IEEE.2017
  - **Delayed diagnosis of celiac stenosis causing hepatic transplant ischaemic necrosis: diagnosis by spectral Doppler findings** *BJR CASE REPORTS*  
Sun, M., Jeffrey, R., DiMaio, M. A., Olcott, E. W.  
2017; 3 (1)
  - **Duodenal invasion by pancreatic adenocarcinoma: MDCT diagnosis of an aggressive imaging phenotype and its clinical implications.** *Abdominal radiology (New York)*  
Patel, B. N., Olcott, E. W., Jeffrey, R. B.  
2017
  - **The utility of hepatic artery velocity in diagnosing patients with acute cholecystitis.** *Abdominal radiology (New York)*  
Loehfelm, T. W., Tse, J. R., Jeffrey, R. B., Kamaya, A.  
2017
  - **Doppler Ultrasound in Liver Cirrhosis: Correlation of Hepatic Artery and Portal Vein Measurements With Model for End-Stage Liver Disease Score.** *Journal of ultrasound in medicine*  
Park, H. S., Desser, T. S., Jeffrey, R. B., Kamaya, A.  
2016
  - **Clinical and imaging predictors of management in retained products of conception** *ABDOMINAL RADIOLOGY*  
Kamaya, A., Krishnarao, P. M., Nayak, N., Jeffrey, R. B., Maturen, K. E.  
2016; 41 (12): 2429-2434
  - **Preoperative Multidetector CT Diagnosis of Extrapancreatic Perineural or Duodenal Invasion Is Associated with Reduced Postoperative Survival after Pancreaticoduodenectomy for Pancreatic Adenocarcinoma: Preliminary Experience and Implications for Patient Care** *RADIOLOGY*  
Chang, S. T., Jeffrey, R. B., Patel, B. N., DiMaio, M. A., Rosenberg, J., Willmann, J. K., Olcott, E. W.  
2016; 281 (3): 816-825
  - **Cholestyramine as a promising, strong anion exchange resin for direct capture of genetic biomarkers from raw pancreatic fluids.** *Biotechnology and bioengineering*  
Hilmer, A. J., Jeffrey, R. B., Park, W. G., Khosla, C.  
2016
  - **Multidetector CT imaging of the pancreatic groove: differentiating carcinomas from paraduodenal pancreatitis** *CLINICAL IMAGING*  
Shin, L. K., Jeffrey, R. B., Pai, R. K., Raman, S. P., Fishman, E. K., Olcott, E. W.  
2016; 40 (6): 1246-1252
  - **Color Doppler Imaging of the Appendix: Criteria to Improve Specificity for Appendicitis in the Borderline-Size Appendix.** *Journal of ultrasound in medicine*  
Xu, Y., Jeffrey, R. B., Shin, L. K., DiMaio, M. A., Olcott, E. W.  
2016; 35 (10): 2129-2138
  - **Secondary sclerosing cholangitis in a critically ill patient.** *Quantitative imaging in medicine and surgery*  
Weiss, K. E., Willmann, J. K., Jeffrey, R. B., Desser, T. S.  
2016; 6 (2): 224-228
  - **Lymphoid Hyperplasia of the Appendix: A Potential Pitfall in the Sonographic Diagnosis of Appendicitis** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Xu, Y., Jeffrey, R. B., DiMaio, M. A., Olcott, E. W.  
2016; 206 (1): 189-194
  - **Capsule Ultrasound Device: Further Developments**  
Memon, F., Touma, G., Wang, J., Baltsavias, S., Moini, A., Chang, C., Rasmussen, M., Nikoozadeh, A., Choe, J., Olcott, E., Jeffrey, R., Arbabian, A., Khuri-Yakub, et al  
IEEE.2016

- **MDCT Diagnosis of Perineural Invasion Involving the Celiac Plexus in Intrahepatic Cholangiocarcinoma: Preliminary Observations and Clinical Implications.** *AJR. American journal of roentgenology*  
Raghavan, K., Jeffrey, R. B., Patel, B. N., DiMaio, M. A., Willmann, J. K., Olcott, E. W.  
2015; 205 (6): W578-84
- **Combining in Vitro Diagnostics with in Vivo Imaging for Earlier Detection of Pancreatic Ductal Adenocarcinoma: Challenges and Solutions** *RADIOLOGY*  
Laeseke, P. F., Chen, R., Jeffrey, R. B., Brentnall, T. A., Willmann, J. K.  
2015; 277 (3): 644-661
- **MDCT Diagnosis of Perineural Invasion Involving the Celiac Plexus in Intrahepatic Cholangiocarcinoma: Preliminary Observations and Clinical Implications.** *AJR. American journal of roentgenology*  
Raghavan, K., Jeffrey, R. B., Patel, B. N., DiMaio, M. A., Willmann, J. K., Olcott, E. W.  
2015; 205 (6): W578-84
- **Sonographic Detection of Extracapsular Extension in Papillary Thyroid Cancer.** *Journal of ultrasound in medicine*  
Kamaya, A., Tahvildari, A. M., Patel, B. N., Willmann, J. K., Jeffrey, R. B., Desser, T. S.  
2015; 34 (12): 2225-2230
- **How the radiologist can add value in the evaluation of the pre- and post-surgical pancreas** *ABDOMINAL IMAGING*  
Patel, B. N., Gupta, R. T., Zani, S., Jeffrey, R. B., Paulson, E. K., Nelson, R. C.  
2015; 40 (8): 2932-2944
- **Variable color Doppler sonographic appearances of retained products of conception: radiologic-pathologic correlation.** *Abdominal imaging*  
Kamaya, A., Krishnarao, P. M., Folkins, A. K., Jeffrey, R. B., Desser, T. S., Maturen, K. E.  
2015; 40 (7): 2683-2689
- **Predictors of appendicitis on computed tomography among cases with borderline appendix size.** *Emergency radiology*  
Thompson, A. C., Olcott, E. W., Poulos, P. D., Jeffrey, R. B., Thompson, M. O., Rosenberg, J., Shin, L. K.  
2015; 22 (4): 385-394
- **Value of Intraoperative Sonography in Pancreatic Surgery** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Weinstein, S., Morgan, T., Poder, L., Shin, L., Jeffrey, R. B., Aslam, R., Yee, J.  
2015; 34 (7): 1307-1318
- **Atypical thyroid cancers on sonography.** *Ultrasound quarterly*  
Klang, K., Kamaya, A., Tahvildari, A. M., Jeffrey, R. B., Desser, T. S.  
2015; 31 (1): 69-74
- **The Alvarado Score as a Method for Reducing the Number of CT Studies When Appendiceal Ultrasound Fails to Visualize the Appendix in Adults** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Jones, R. P., Jeffrey, R. B., Shah, B. R., Desser, T. S., Rosenberg, J., Olcott, E. W.  
2015; 204 (3): 519-526
- **JOURNAL CLUB: The Alvarado Score as a Method for Reducing the Number of CT Studies When Appendiceal Ultrasound Fails to Visualize the Appendix in Adults.** *AJR. American journal of roentgenology*  
Jones, R. P., Jeffrey, R. B., Shah, B. R., Desser, T. S., Rosenberg, J., Olcott, E. W.  
2015; 204 (3): 519-526
- **Capsule Ultrasound Device**  
Memon, F., Touma, G., Wang, J., Baltsavias, S., Moini, A., Chang, C., Rasmussen, M., Nikoozadeh, A., Choe, J., Arbabian, A., Jeffrey, R., Olcott, E., Khuri-Yakub, et al  
IEEE.2015
- **Ischemic colitis due to a mesenteric arteriovenous malformation in a patient with a connective tissue disorder.** *Journal of radiology case reports*  
Poulos, P. D., Thompson, A. C., Holz, G., Edelman, L. A., Jeffrey, R. B.  
2014; 8 (12): 9-21
- **Three-step sequential positioning algorithm during sonographic evaluation for appendicitis increases appendiceal visualization rate and reduces CT use.** *AJR. American journal of roentgenology*  
Chang, S. T., Jeffrey, R. B., Olcott, E. W.

2014; 203 (5): 1006-1012

- **The sonographic "bright band sign" of splenic infarction.** *Journal of ultrasound in medicine*  
Llewellyn, M. E., Jeffrey, R. B., DiMaio, M. A., Olcott, E. W.  
2014; 33 (6): 929-938
- **Sonography of the normal appendix: its varied appearance and techniques to improve its visualization.** *Ultrasound quarterly*  
Ung, C., Chang, S. T., Jeffrey, R. B., Patel, B. N., Olcott, E. W.  
2013; 29 (4): 333-341
- **The elusive parathyroid adenoma: techniques for detection.** *Ultrasound quarterly*  
Devicic, Z., Jeffrey, R. B., Kamaya, A., Desser, T. S.  
2013; 29 (3): 179-187
- **Ultrasonographic evaluation of malignant and normal cervical lymph nodes.** *Seminars in ultrasound, CT, and MR*  
Giacomini, C. P., Jeffrey, R. B., Shin, L. K.  
2013; 34 (3): 236-247
- **Physiologic, histologic, and imaging features of retained products of conception.** *Radiographics*  
Sellmyer, M. A., Desser, T. S., Maturen, K. E., Jeffrey, R. B., Kamaya, A.  
2013; 33 (3): 781-796
- **Extraglandular extension of parotid actinomycosis after sonographically guided fine-needle aspiration.** *Journal of ultrasound in medicine*  
Nayak, L., DiMaio, M., Jeffrey, R. B.  
2013; 32 (4): 715-716
- **Sonographic Evaluation of Cervical Lymph Nodes in Papillary Thyroid Cancer** *ULTRASOUND QUARTERLY*  
Shin, L. K., Olcott, E. W., Jeffrey, R. B., Desser, T. S.  
2013; 29 (1): 25-32
- **Quantitatively Defining Washout in Hepatocellular Carcinoma** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Liu, Y. I., Shin, L. K., Jeffrey, R. B., Kamaya, A.  
2013; 200 (1): 84-89
- **Three-dimensional volume-rendered multidetector CT imaging of the posterior inferior pancreaticoduodenal artery: its anatomy and role in diagnosing extrapancreatic perineural invasion** *CANCER IMAGING*  
Patel, B. N., Giacomini, C., Jeffrey, R. B., Willmann, J. K., Olcott, E.  
2013; 13 (4): 580-590
- **Three-dimensional volume-rendered multidetector CT imaging of the posterior inferior pancreaticoduodenal artery: its anatomy and role in diagnosing extrapancreatic perineural invasion.** *Cancer imaging*  
Patel, B. N., Giacomini, C., Jeffrey, R. B., Willmann, J. K., Olcott, E.  
2013; 13 (4): 580-590
- **Sonography for appendicitis: Nonvisualization of the appendix is an indication for active clinical observation rather than direct referral for computed tomography** *JOURNAL OF CLINICAL ULTRASOUND*  
Stewart, J. K., Olcott, E. W., Jeffrey, R. B.  
2012; 40 (8): 455-461
- **F-18-FDG PET/CT Demonstration of a Liver Metastasis in a Patient With Papillary Thyroid Cancer** *CLINICAL NUCLEAR MEDICINE*  
Mosci, C., McDougall, I. R., Jeffrey, R. B., Iagaru, A.  
2012; 37 (9): E234-E236
- **Pancreatic Neuroendocrine Tumors: Radiographic Calcifications Correlate with Grade and Metastasis** *ANNALS OF SURGICAL ONCOLOGY*  
Poultsides, G. A., Huang, L. C., Chen, Y., Visser, B. C., Pai, R. K., Jeffrey, R. B., Park, W. G., Chen, A. M., Kunz, P. L., Fisher, G. A., Norton, J. A.  
2012; 19 (7): 2295-2303
- **Adenocarcinoma of the uncinat process of the pancreas: MDCT patterns of local invasion and clinical features at presentation** *EUROPEAN RADIOLOGY*  
Padilla-Thornton, A. E., Willmann, J. K., Jeffrey, R. B.  
2012; 22 (5): 1067-1074

- **MR Enterography in Crohn Disease With Endoscopic Correlation: Protocol, Pearls, and Pitfalls** *Annual Meeting of the American-Roentgen-Ray-Society*  
Jones, R., Olcott, E., Shah, S., Jeffrey, R., Do, B., Shin, L.  
AMER ROENTGEN RAY SOC.2012
- **Pancreatic Cancer: Radiologic Imaging** *GASTROENTEROLOGY CLINICS OF NORTH AMERICA*  
Jeffrey, R. B.  
2012; 41 (1): 159-?
- **Multidetector Computed Tomography Triphasic Evaluation of the Liver Before Transplantation: Importance of Equilibrium Phase Washout and Morphology for Characterizing Hypervascular Lesions** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
Liu, Y. I., Kamaya, A., Jeffrey, R. B., Shin, L. K.  
2012; 36 (2): 213-219
- **Incidentally discovered solid pancreatic masses: imaging and clinical observations** *ABDOMINAL IMAGING*  
Goodman, M., Willmann, J. K., Jeffrey, R. B.  
2012; 37 (1): 91-97
- **Antiangiogenic and Radiation Therapy Early Effects on In Vivo Computed Tomography Perfusion Parameters in Human Colon Cancer Xenografts in Mice** *INVESTIGATIVE RADIOLOGY*  
Ren, Y., Fleischmann, D., Foygel, K., Molvin, L., Lutz, A. M., Koong, A. C., Jeffrey, R. B., Tian, L., Willmann, J. K.  
2012; 47 (1): 25-32
- **Common Incidental Findings on MDCT: Survey of Radiologist Recommendations for Patient Management** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*  
Johnson, P. T., Horton, K. M., Megibow, A. J., Jeffrey, R. B., Fishman, E. K.  
2011; 8 (11): 762-767
- **Multidetector computed tomography of acute vascular injury in blunt abdominal/pelvic trauma: imaging predictors of treatment** *EUROPEAN JOURNAL OF TRAUMA AND EMERGENCY SURGERY*  
Sims, M. E., Shin, L. K., Rosenberg, J., Jeffrey, R. B.  
2011; 37 (5): 525-532
- **Complicated Cholecystitis The Complementary Roles of Sonography and Computed Tomography** *ULTRASOUND QUARTERLY*  
Charalel, R. A., Jeffrey, R. B., Shin, L. K.  
2011; 27 (3): 161-170
- **A Prospective Study of Total Gastrectomy for CDH1-Positive Hereditary Diffuse Gastric Cancer** *ANNALS OF SURGICAL ONCOLOGY*  
Chen, Y., Kingham, K., Ford, J. M., Rosing, J., Van Dam, J., Jeffrey, R. B., Longacre, T. A., Chun, N., Kurian, A., Norton, J. A.  
2011; 18 (9): 2594-2598
- **Pathologic Continuum of Acute Appendicitis Sonographic Findings and Clinical Management Implications** *ULTRASOUND QUARTERLY*  
Chan, L., Shin, L. K., Pai, R. K., Jeffrey, R. B.  
2011; 27 (2): 71-79
- **Non-emergency small bowel obstruction: assessment of CT findings that predict need for surgery** *EUROPEAN RADIOLOGY*  
Deshmukh, S. D., Shin, D. S., Willmann, J. K., Rosenberg, J., Shin, L., Jeffrey, R. B.  
2011; 21 (5): 982-986
- **Foreign Objects Encountered in the Abdominal Cavity at CT** *RADIOGRAPHICS*  
Gayer, G., Petrovitch, I., Jeffrey, R. B.  
2011; 31 (2): 409-U156
- **Recurrence in the Thyroidectomy Bed: Sonographic Findings** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Kamaya, A., Gross, M., Akatsu, H., Jeffrey, R. B.  
2011; 196 (1): 66-70
- **Sonography and Computed Tomography of the Mimics of Appendicitis** *ULTRASOUND QUARTERLY*  
Shin, L. K., Jeffrey, R. B.  
2010; 26 (4): 201-210

- **Incidental Thyroid Nodules on Chest CT: Review of the Literature and Management Suggestions** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Ahmed, S., Horton, K. M., Jeffrey, R. B., Sheth, S., Fishman, E. K.  
2010; 195 (5): 1066-1071
- **3-D Deep Penetration Photoacoustic Imaging with a 2-D CMUT Array.** *Proceedings. IEEE Ultrasonics Symposium*  
Ma, T., Kothapalli, S. R., Vaithilingam, S., Oralkan, O., Kamaya, A., Wygant, I. O., Zhuang, X., Gambhir, S. S., Jeffrey, R. B., Khuri-Yakub, B. T.  
2010; 2010: 375-377
- **Interpatient Variability of Enhancement of Five Abdominal Organs in Triphasic MDCT** *110th Annual Meeting of the American-Roentgen-Ray-Society*  
Liu, Y., Shin, L., Jeffrey, R., Kamaya, A.  
AMER ROENTGEN RAY SOC.2010
- **What Defines Hepatic "Washout" in Triphasic MDCT?** *110th Annual Meeting of the American-Roentgen-Ray-Society*  
Liu, Y., Shin, L., Jeffrey, R., Kamaya, A.  
AMER ROENTGEN RAY SOC.2010
- **The Fat Triangle Sign: improving diagnostic accuracy of extraperitoneal bladder rupture** *ABDOMINAL IMAGING*  
Gross, M., Mindelzun, R., Jeffrey, R. B.  
2010; 35 (2): 253-255
- **MR colonography and MR enterography.** *Gastrointestinal endoscopy clinics of North America*  
Shin, L. K., Poulos, P., Jeffrey, R. B.  
2010; 20 (2): 323-346
- **Pathways of Extrapneumatic Perineural Invasion by Pancreatic Adenocarcinoma: Evaluation With 3D Volume-Rendered MDCT Imaging** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Deshmukh, S. D., Willmann, J. K., Jeffrey, R. B.  
2010; 194 (3): 668-674
- **Pearls and Pitfalls in Hepatic Ultrasonography** *ULTRASOUND QUARTERLY*  
Shin, D. S., Jeffrey, R. B., Desser, T. S.  
2010; 26 (1): 17-25
- **Solid Pseudopapillary Tumor of the Pancreas: An Unexpected Finding After Minor Abdominal Trauma** *DIGESTIVE DISEASES AND SCIENCES*  
Cisco, R., Jeffrey, R. B., Norton, J. A.  
2010; 55 (2): 240-241
- **The dangling diaphragm sign: sensitivity and comparison with existing CT signs of blunt traumatic diaphragmatic rupture.** *Emergency radiology*  
Desser, T. S., Edwards, B., Hunt, S., Rosenberg, J., Purtill, M. A., Jeffrey, R. B.  
2010; 17 (1): 37-44
- **Metastatic Squamous Cell Carcinoma Presenting as Diffuse and Punctate Cervical Lymph Node Calcifications Sonographic Features and Utility of Sonographically Guided Fine-Needle Aspiration Biopsy** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Shin, L. K., Fischbein, N. J., Kaplan, M. J., Jeffrey, R. B.  
2009; 28 (12): 1703-1707
- **Three-Dimensional Photoacoustic Imaging Using a Two-Dimensional CMUT Array** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*  
Vaithilingam, S., Ma, T., Furukawa, Y., Wygant, I. O., Zhuang, X., de la Zerda, A., Oralkan, O., Kamaya, A., Gambhir, S. S., Jeffrey, R. B., Khuri-Yakub, B. T.  
2009; 56 (11): 2411-2419
- **Acute gastrointestinal bleeding: the potential role of 64 MDCT and 3D imaging in the diagnosis.** *Emergency radiology*  
Horton, K. M., Jeffrey, R. B., Federle, M. P., Fishman, E. K.  
2009; 16 (5): 349-356
- **Early Sonographic Diagnosis of Intrauterine Device Migration to the Adnexa** *JOURNAL OF CLINICAL ULTRASOUND*  
Deshmukh, S., Ghanouni, P., Jeffrey, R. B.  
2009; 37 (7): 414-419
- **Appendiceal hyperemia and/or distention is not always appendicitis: appendicitis mimicry in the pediatric population** *CLINICAL IMAGING*



- Price, R. O., Jeffrey, R. B., Vasanaawala, S. S.  
2009; 33 (5): 402-405
- **Evaluation of periampullary pathology with CT volumetric oblique coronal reformations.** *AJR. American journal of roentgenology*  
Pham, D. T., Hura, S. A., Willmann, J. K., Nino-Murcia, M., Jeffrey, R. B.  
2009; 193 (3): W202-8
  - **Subinvolution of the Placental Site** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Petrovitch, I., Jeffrey, R. B., Heerema-McKenney, A.  
2009; 28 (8): 1115-1119
  - **Retained Products of Conception Spectrum of Color Doppler Findings** *JOURNAL OF ULTRASOUND IN MEDICINE*  
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