

Stanford



Debra M. Ikeda, M.D.

Professor of Radiology (Breast Imaging)

CLINICAL OFFICES

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Cancer > Breast Cancer
- Breast Cancer
- Breast Cancer - Diagnostic Imaging
- Diagnostic Radiology
- Radiology
- breast density
- breast cancer needle biopsy
- breast cancer screening
- breast cancer mammography
- breast cancer ultrasound
- breast cancer magnetic resonance imaging
- breast cancer outcomes
- breast cancer tomosynthesis

ACADEMIC APPOINTMENTS

- Professor, Radiology
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Breast Imaging Fellowship Director, Stanford University School of Medicine, (2015-2019)
- Breast Imaging Section Chief, Stanford University Breast Imaging Section, (1992-2016)

HONORS AND AWARDS

- Teacher of the Year, Stanford Radiology (1997)
- Fellow, Society of Breast Imaging (1990)
- Fellow, American College of Radiology (2014)

PROFESSIONAL EDUCATION

- Medical Education: University of Connecticut School of Medicine Registrar (1983) CT
- Residency: University of Michigan GME Training Verifications (1987) MI
- Internship: U Michigan (1984)

- Board Certification: Diagnostic Radiology, American Board of Radiology (1987)
- MD, University of Connecticut , Medicine (1983)
- Residency, University of Michigan , Radiology (1987)
- Fellowship, UCSF , Mammography (1987)
- Fellowship, Malmo General Hospital, Sweden , Mammography (1988)

COMMUNITY AND INTERNATIONAL WORK

- California Breast Density Information Group, USA Legislation
- California SB 1538 Breast Density Notification Law
- International Working Group on Breast MRI, American College of Radiology

LINKS

- breast density information from California Breast Density Information Group (CBDIG): <http://breastdensity.info>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our clinical and research interests are dedicated to improving the health and lives of women by breast cancer detection and diagnosis using imaging, in both development and testing of new imaging techniques, and transfer of new technology to the clinical arena.

Our research program has produced publications in all aspects of breast imaging: tomosynthesis, analog and digital mammography, breast density legislation, computer-aided detection, breast ultrasound, breast cancer screening, high-resolution dynamic contrast-enhanced Magnetic Resonance Imaging (MRI), MRI-guided breast biopsy, MR spectroscopy, fine-needle aspiration cytology, stereotactic needle biopsy, partial breast irradiation, sentinel lymph node biopsy, percutaneous tumor ablation including radiofrequency, outcomes, compliance and imaging of neoadjuvant chemotherapy. Continuing research involves breast MRI, diffusion-weighted imaging, blood biomarkers, genetics of breast cancer and the normal surrounding stroma, axillary lymph node imaging.

Stanford provides the optimal location in Silicon Valley for developing, researching, transferring and implementing new technology to the clinical arena in our busy all-digital tomosynthesis Breast Cancer Center. Working with world-class basic science researchers, engineers, chemists and physicists the Stanford Breast Imaging service provides state-of-the-art imaging with access to the latest technologies and imaging modalities. The Lucas Center for Magnetic Resonance and Spectroscopy, and the Clark Center which houses the MIPS program are located within a block from the Medical Center and from each other. Breast cancer imaging research is supported by a uniquely qualified team of Stanford Radiology Engineering, Physics and Medical faculty, postdoctoral candidates and graduate students from around the world. We have demonstrated the effectiveness of this team by our development, transfer and publication of MRI techniques to breast cancer imaging.

The Stanford Breast Imaging service has state-of-the-art imaging equipment to provide imaging research material, including all tomosynthesis digital mammography units with CAD, PACS to correlate ultrasound, MRI and PET/CT images and a hospital-wide patient electronic medical information system. Research stems from clinical questions generated at the Breast Center, clinical dilemmas encountered during everyday practice, and implementation of new techniques developed at Stanford and in Silicon Valley to improve women's health.

CLINICAL TRIALS

- Magnetic Resonance Imaging of Breast Cancer, Recruiting
- Accelerated Partial Breast Irradiation Following Lumpectomy for Breast Cancer, Not Recruiting
- Adjunctive Efficacy Study Of The SoftScan® Optical Breast Imaging System, Not Recruiting

- Breast Density and the Role of Preoperative Mammography, Ultrasound, Elastography and MRI, Not Recruiting
- MRI in Women With Newly Diagnosed Breast Cancer Prior to Breast Conserving Surgery, Not Recruiting
- Radiofrequency-Guided Localization in Patients With Abnormal Breast Tissue Undergoing Lumpectomy, Not Recruiting

Publications

PUBLICATIONS

- **Mammography before and after bariatric surgery** *SURGERY FOR OBESITY AND RELATED DISEASES*
Mokhtari, T. E., Rosas, U. S., Downey, J. R., Miyake, K. K., Ikeda, D. M., Morton, J. M.
2017; 13 (3): 451-456
- **Identifying relations between imaging phenotypes and molecular subtypes of breast cancer: Model discovery and external validation.** *Journal of magnetic resonance imaging : JMRI*
Wu, J., Sun, X., Wang, J., Cui, Y., Kato, F., Shirato, H., Ikeda, D. M., Li, R.
2017
- **Unsupervised clustering of quantitative image phenotypes reveals breast cancer subtypes with distinct prognoses and molecular pathways.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Wu, J., Cui, Y., Sun, X., Cao, G., Li, B., Ikeda, D. M., Kurian, A. W., Li, R.
2017
- **Mammography before and after bariatric surgery.** *Surgery for obesity and related diseases*
Mokhtari, T. E., Rosas, U. S., Downey, J. R., Miyake, K. K., Ikeda, D. M., Morton, J. M.
2016
- **Impact of Breast Density Legislation on Breast Cancer Risk Assessment and Supplemental Screening: A Survey of 110 Radiology Facilities.** *breast journal*
Nayak, L., Miyake, K. K., Leung, J. W., Price, E. R., Liu, Y. I., Joe, B. N., Sickles, E. A., Thomas, W. R., Lipson, J. A., Daniel, B. L., Hargreaves, J., Brenner, R. J., Bassett, et al
2016; 22 (5): 493-500
- **Five-year results of a prospective clinical trial investigating accelerated partial breast irradiation using 3D conformal radiotherapy after lumpectomy for early stage breast cancer** *BREAST*
Horst, K. C., Fasola, C., Ikeda, D., Daniel, B., Ognibene, G., Goffinet, D. R., Dirbas, F. M.
2016; 28: 178-183
- **CT-Guided Wire Localization for Involved Axillary Lymph Nodes After Neo-adjuvant Chemotherapy in Patients With Initially Node-Positive Breast Cancer** *BREAST JOURNAL*
Long Trinh, L., Miyake, K. K., Dirbas, F. M., Kothary, N., Horst, K. C., Lipson, J. A., Carpenter, C., Thompson, A. C., Ikeda, D. M.
2016; 22 (4): 390-396
- **Breast Imaging in Women Previously Irradiated for Hodgkin Lymphoma.** *American journal of clinical oncology*
Horst, K. C., Fero, K. E., Hancock, S. L., Advani, R. H., Ikeda, D. M., Daniel, B., Rosenberg, S. A., Donaldson, S. S., Hoppe, R. T.
2016; 39 (2): 114-119
- **Assessment of Tumor Morphology on Diffusion- Weighted (DWI) Breast MRI: Diagnostic Value of Reduced Field of View DWI** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Barentsz, M. W., Taviani, V., Chang, J. M., Ikeda, D. M., Miyake, K. K., Banerjee, S., Van den Bosch, M. A., Hargreaves, B. A., Daniel, B. L.
2015; 42 (6): 1656-1665
- **Patient awareness of breast density and interest in supplemental screening tests: comparison of an academic facility and a county hospital.** *Journal of the American College of Radiology*
Trinh, L., Ikeda, D. M., Miyake, K. K., Trinh, J., Lee, K. K., Dave, H., Hanafusa, K., Lipson, J.
2015; 12 (3): 249-255
- **Rim Sign in Breast Lesions on Diffusion-Weighted Magnetic Resonance Imaging: Diagnostic Accuracy and Clinical Usefulness** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Kang, B. J., Lipson, J. A., Planey, K. R., Zackrisson, S., Ikeda, D. M., Kao, J., Pal, S., Moran, C. J., Daniel, B. L.
2015; 41 (3): 616-623

- **Initial results with preoperative tattooing of biopsied axillary lymph nodes and correlation to sentinel lymph nodes in breast cancer patients.** *Annals of surgical oncology*
Choy, N., Lipson, J., Porter, C., Ozawa, M., Kiernyn, A., Pal, S., Kao, J., Trinh, L., Wheeler, A., Ikeda, D., Jensen, K., Allison, K., Wapnir, et al
2015; 22 (2): 377-382
- **X-ray-Induced Shortwave Infrared Biomedical Imaging Using Rare-Earth Nanoprobes.** *Nano letters*
Naczynski, D. J., Sun, C., Türkcan, S., Jenkins, C., Koh, A. L., Ikeda, D., Pratz, G., Xing, L.
2015; 15 (1): 96-102
- **Factors Associated with Repetitive Strain, and Strategies to Reduce Injury Among Breast-Imaging Radiologists** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
Thompson, A. C., Prill, M. J., Biswal, S., Rebner, M., Rebner, R. E., Thomas, W. R., Edwards, S. D., Thompson, M. O., Ikeda, D. M.
2014; 11 (11): 1074-1079
- **Breast magnetic resonance imaging alters patient selection for accelerated partial breast irradiation.** *American journal of clinical oncology*
Horst, K. C., Ikeda, D. M., Fero, K. E., Daniel, B. L., Goffinet, D. R., Dirbas, F. M.
2014; 37 (3): 248-254
- **Response.** *Radiology*
Price, E. R., Hargreaves, J., Lipson, J. A., Sickles, E. A., Brenner, R. J., Lindfors, K. K., Joe, B. N., Leung, J. W., Feig, S. A., Ojeda-Fournier, H., Kurian, A. W., Love, E., Ryan, et al
2014; 271 (3): 927-928
- **Breast Magnetic Resonance Imaging Alters Patient Selection for Accelerated Partial Breast Irradiation** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*
Horst, K. C., Ikeda, D. M., Fero, K. E., Daniel, B. L., Goffinet, D. R., Dirbas, F. M.
2014; 37 (3): 248-254
- **3D T2-Weighted Spin Echo Imaging in the Breast** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Moran, C. J., Hargreaves, B. A., Saranathan, M., Lipson, J. A., Kao, J., Ikeda, D. M., Daniel, B. L.
2014; 39 (2): 332-338
- **Why Are Patients Noncompliant With Follow-Up Recommendations After MRI-Guided Core Needle Biopsy of Suspicious Breast Lesions?** *AJR. American journal of roentgenology*
Thompson, M. O., Lipson, J., Daniel, B., Harrigal, C., Mullarkey, P., Pal, S., Thompson, A. C., Ikeda, D.
2013; 201 (6): 1391-1400
- **The california breast density information group: a collaborative response to the issues of breast density, breast cancer risk, and breast density notification legislation.** *Radiology*
Price, E. R., Hargreaves, J., Lipson, J. A., Sickles, E. A., Brenner, R. J., Lindfors, K. K., Joe, B. N., Leung, J. W., Feig, S. A., Bassett, L. W., Ojeda-Fournier, H., Daniel, B. L., Kurian, et al
2013; 269 (3): 887-892
- **Image quality and diagnostic performance of silicone-specific breast MRI.** *Magnetic resonance imaging*
Kim, S. H., Lipson, J. A., Moran, C. J., Shimakawa, A., Kuo, J., Ikeda, D. M., Daniel, B. L.
2013; 31 (9): 1472-1478
- **Defining an optimal role for breast magnetic resonance imaging when evaluating patients otherwise eligible for accelerated partial breast irradiation.** *Radiotherapy and oncology*
Horst, K. C., Fero, K. E., Ikeda, D. M., Daniel, B. L., Dirbas, F. M.
2013; 108 (2): 220-225
- **Updates and Revisions to the BI-RADS Magnetic Resonance Imaging Lexicon.** *Magnetic resonance imaging clinics of North America*
Edwards, S. D., Lipson, J. A., Ikeda, D. M., Lee, J. M.
2013; 21 (3): 483-493
- **The California Breast Density Information Group: A Collaborative Response to the Issues of Breast Density, Breast Cancer Risk, and Breast Density Notification Legislation** *RADIOLOGY*
Price, E. R., Hargreaves, J., Lipson, J. A., Sickles, E. A., Brenner, R. J., Lindfors, K. K., Joe, B. N., Leung, J. W., Feig, S. A., Bassett, L. W., Daniel, B. L., Kurian, A. W., Love, et al
2013: 887-92

- **Breast tomosynthesis and digital mammography: a comparison of diagnostic accuracy** *BRITISH JOURNAL OF RADIOLOGY*
Svahn, T. M., Chakraborty, D. P., Ikeda, D., Zackrisson, S., Do, Y., Mattsson, S., Andersson, I.
2012; 85 (1019): E1074-E1082
- **Breast MRI without gadolinium: utility of 3D DESS, a new 3D diffusion weighted gradient-echo sequence.** *European journal of radiology*
Daniel, B. L., Granlund, K. L., Moran, C. J., Alley, M. T., Lipson, J., Ikeda, D. M., Kao, J., Hargreaves, B. A.
2012; 81: S24-6
- **Updated breast MRI Lexicon.** *European journal of radiology*
Ikeda, D. M.
2012; 81: S63-?
- **Breast cancer risk factors differ between Asian and white women with BRCA1/2 mutations** *FAMILIAL CANCER*
de Bruin, M. A., Kwong, A., Goldstein, B. A., Lipson, J. A., Ikeda, D. M., McPherson, L., Sharma, B., Kardashian, A., Schackmann, E., Kingham, K. E., Mills, M. A., West, D. W., Ford, et al
2012; 11 (3): 429-439
- **MRI Enhancement Correlates With High Grade Desmoid Tumor of Breast** *BREAST JOURNAL*
Kim, M. J., Wapnir, I. L., Ikeda, D. M., Chisholm, K. M., Do, Y., Daniel, B. L.
2012; 18 (4): 374-376
- **Molecular Imaging Using Light-Absorbing Imaging Agents and a Clinical Optical Breast Imaging System-a Phantom Study** *MOLECULAR IMAGING AND BIOLOGY*
van de Ven, S. M., Mincu, N., Brunette, J., Ma, G., Khayat, M., Ikeda, D. M., Gambhir, S. S.
2011; 13 (2): 232-238
- **Freehand MRI-Guided Preoperative Needle Localization of Breast Lesions After MRI-Guided Vacuum-Assisted Core Needle Biopsy Without Marker Placement** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
van de Ven, S. M., Lin, M. C., Daniel, B. L., Sareen, P., Lipson, J. A., Pal, S., Dirbas, F. M., Ikeda, D. M.
2010; 32 (1): 101-109
- **The diagnostic accuracy of dual-view digital mammography, single-view breast tomosynthesis and a dual-view combination of breast tomosynthesis and digital mammography in a free-response observer performance study** *RADIATION PROTECTION DOSIMETRY*
Svahn, T., Andersson, I., Chakraborty, D., Svensson, S., Ikeda, D., Fornvik, D., Mattsson, S., Tingberg, A., Zackrisson, S.
2010; 139 (1-3): 113-117
- **The ACR BI-RADS experience: learning from history.** *Journal of the American College of Radiology*
Burnside, E. S., Sickles, E. A., Bassett, L. W., Rubin, D. L., Lee, C. H., Ikeda, D. M., Mendelson, E. B., Wilcox, P. A., Butler, P. F., D'Orsi, C. J.
2009; 6 (12): 851-860
- **Breast tomosynthesis and digital mammography: a comparison of breast cancer visibility and BIRADS classification in a population of cancers with subtle mammographic findings** *EUROPEAN RADIOLOGY*
Andersson, I., Ikeda, D. M., Zackrisson, S., Ruschin, M., Svahn, T., Timberg, P., Tingberg, A.
2008; 18 (12): 2817-2825
- **MRI and H-1 MRS of The Breast: Presence of a Choline Peak as Malignancy Marker is Related to k21 Value of the Tumor in Patients with Invasive Ductal Carcinoma** *BREAST JOURNAL*
Geraghty, P. R., van den Bosch, M. A., Spielman, D. M., Hunjan, S., Birdwell, R. L., Fong, K. J., Stables, L. A., Zakhour, M., Herfkens, R. J., Ikeda, D. M.
2008; 14 (6): 574-580
- **Estrogen receptor-negative invasive breast cancer: Imaging features of tumors with and without human epidermal growth factor receptor type 2 overexpression** *RADIOLOGY*
Wang, Y., Ikeda, D. M., Narasimhan, B., Longacre, T. A., Bleicher, R. J., Pal, S., Jackman, R. J., Jeffrey, S. S.
2008; 246 (2): 367-375
- **Mammographic screening in women at increased risk of breast cancer after treatment of Hodgkin's disease** *American-Society-of-Breast-Disease Symposium*
Kwong, A., Hancock, S. L., Bloom, J. R., Pal, S., Birdwell, R. L., Mariscal, C., Ikeda, D. M.
BLACKWELL PUBLISHING.2008: 39-48
- **BIRADS classification in breast tomosynthesis compared to mammography and ultrasonography** *9th International Workshop on Digital Mammography*
Tingberg, A., Andersson, I., Ikeda, D. M., Ruschin, M., Svahn, T., Timberg, P.

SPRINGER-VERLAG BERLIN.2008: 67–73

- **Does size matter? Likelihood of cancer in MRI-detected lesions less than 5 mm** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Van den Bosch, M. A., Ikeda, D. M., Daniel, B. L.
2007; 188 (6): W571-W571
- **Cost-effectiveness of breast magnetic resonance imaging to screen BRCA1/2 mutation carriers - Reply** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Plevritis, S. K., Ikeda, D. M., Garber, A. M.
2006; 296 (22): 2682-2682
- **Water-selective spectral-spatial contrast-enhanced breast MRI for cancer detection in patients with extracapsular and injected free silicone** *MAGNETIC RESONANCE IMAGING*
Po, J., Margolis, D. J., Cunningham, C. H., Herfkens, R. J., Ikeda, D. M., Daniel, B. L.
2006; 24 (10): 1363-1367
- **American College Of Radiology/Society of Breast Imaging curriculum for resident and fellow education in breast imaging.** *Journal of the American College of Radiology*
Sickles, E. A., Philpotts, L. E., Parkinson, B. T., Monticciolo, D. L., Lvoff, N. M., Ikeda, D. M., High, M., Farria, D., Carlson, R. A., Burnside, E. S., Bassett, L. W., Allen, J. D., Monsees, et al
2006; 3 (11): 879-884
- **MRI-guided needle localization of suspicious breast lesions: results of a freehand technique** *EUROPEAN RADIOLOGY*
van den Bosch, M. A., Daniel, B. L., Pal, S., Nowels, K. W., Birdwell, R. L., Jeffrey, S. S., Ikeda, D. M.
2006; 16 (8): 1811-1817
- **Cost-effectiveness of screening BRCA1/2 mutation carriers with breast magnetic resonance imaging** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Plevritis, S. K., Kurian, A. W., Sigal, B. M., Daniel, B. L., Ikeda, D. M., Stockdale, F. E., Garber, A. M.
2006; 295 (20): 2374-2384
- **Promising techniques for breast cancer detection, diagnosis, and staging using non-ionizing radiation imaging techniques** *Workshop on Nuclear Radiology of Breast Cancer*
Park, J. M., Ikeda, D. M.
IST EDITORIALI POLGRAFICI INT.2006: 7–10
- **Comparison of breast density in Asian women and Caucasian women.** *29th Annual San Antonio Breast Cancer Symposium*
Kwong, A., John, E., Pal, S., Strakowski, L., Birdwell, R. L., Ikeda, D. M.
SPRINGER.2006: S143–S143
- **Mainstream breast cancer radiology perspective** *Workshop on Nuclear Radiology of Breast Cancer*
Ikeda, D. M.
IST EDITORIALI POLGRAFICI INT.2006: 4–6
- **The lactating breast: Contrast-enhanced MR Imaging of normal tissue and cancer** *RADIOLOGY*
Espinosa, L. A., Daniel, B. L., Vidarsson, L., Zakhour, M., Ikeda, D. M., Herfkens, R. J.
2005; 237 (2): 429-436
- **Pathologic correlates of false positive breast magnetic resonance imaging findings: which lesions warrant biopsy?** *6th Annual Meeting of the American-Society-of-Breast-Surgeons*
Langer, S. A., Horst, K. C., Ikeda, D. M., Daniel, B. L., Kong, C. S., Dirbas, F. M.
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2005: 633–40
- **Contrast-enhanced MRI of ductal carcinoma in situ: Characteristics of a new intensity-modulated parametric mapping technique correlated with histopathologic findings** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Mariano, M. N., van den Bosch, M. A., Daniel, B. L., Nowels, K. W., Birdwell, R. L., Fong, K. J., Desmond, P. S., Plevritis, S., Stables, L. A., Zakhour, M., Herfkens, R. J., Ikeda, D. M.
2005; 22 (4): 520-526
- **Computer-aided detection with screening mammography in a university hospital setting** *RADIOLOGY*
Birdwell, R. L., Bandodkar, P., Ikeda, D. M.

2005; 236 (2): 451-457

- **MRI features of mucosa-associated lymphoid tissue lymphoma in the breast** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Espinosa, L. A., Daniel, B. L., Jeffrey, S. S., Nowels, K. W., Ikeda, D. M.
2005; 185 (1): 199-202
- **Magnetic resonance imaging characteristics of fibrocystic change of the breast** *INVESTIGATIVE RADIOLOGY*
van den Bosch, M. A., Daniel, B. L., Mariano, M. N., Nowels, K. N., Birdwell, R. L., Fong, K. J., Desmond, P. S., Plevritis, S., Stables, L. A., Zakhour, M., Herfkens, R. J., Ikeda, D. M.
2005; 40 (7): 436-441
- **Rates of reexcision for breast cancer after magnetic resonance imaging-guided bracket wire localization** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*
Wallace, A. M., Daniel, B. L., Jeffrey, S. S., Birdwell, R. L., Nowels, K. W., Dirbas, F. M., Schraedley-Desmond, P., Ikeda, D. M.
2005; 200 (4): 527-537
- **In vivo sonography through an open MRI breast coil to correlate sonographic and MRI findings** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Lilienstein, J., Daniel, B. L., Ikeda, D. M.
2005; 184 (3): S49-S52
- **Breast magnetic resonance imaging alters patient selection for accelerated, partial breast irradiation** *47th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology*
Horst, K. C., Ikeda, D. M., Birdwell, R. L., Daniel, B. L., Goffinet, D. R., Pal, S., Nowels, K. W., Dirbas, F. M.
ELSEVIER SCIENCE INC.2005: S4-S5
- **Magnetic resonance imaging of suspicious breast masses seen on one mammographic view.** *breast journal*
Offodile, R. S., Daniel, B. L., Jeffrey, S. S., Wapnir, I., Dirbas, F. M., Ikeda, D. M.
2004; 10 (5): 416-422
- **Computer-aided detection output on 172 subtle findings on normal mammograms previously obtained in women with breast cancer detected at follow-up screening mammography** *RADIOLOGY*
Ikeda, D. M., Birdwell, R. L., O'Shaughnessy, K. F., Sickles, E. A., Brenner, R. J.
2004; 230 (3): 811-819
- **Can MRI morphological and kinetic characteristics predict locally advanced breast cancer response to neoadjuvant chemotherapy?** *104th Annual Meeting of the American-Roentgen-Ray-Society*
Pal, S., Ikeda, D. M., Daniel, B. L., Seghal, G., Birdwell, R. L., Stables, L., Sigal, B. M., Plevritis, S.
AMER ROENTGEN RAY SOC.2004: 9-10
- **Circular tomosynthesis: Potential in imaging of breast and upper cervical spine - Preliminary phantom and in vitro study** *86th Scientific Assembly and Annual Meeting of the Radiological-Society-of-North-America (RSNA)*
Stevens, G. M., Birdwell, R. L., Beaulieu, C. F., Ikeda, D. M., Pelc, N. J.
RADIOLOGICAL SOC NORTH AMERICA.2003: 569-75
- **Analysis of 172 subtle findings on prior normal mammograms in women with breast cancer detected at follow-up screening** *RADIOLOGY*
Ikeda, D. M., Birdwell, R. L., O'Shaughnessy, K. F., Brenner, R. J., Sickles, E. A.
2003; 226 (2): 494-503
- **Atypical ductal hyperplasia: Can some lesions be defined as probably benign after stereotactic 11-gauge vacuum-assisted biopsy, eliminating the recommendation for surgical excision?** *87th Scientific Assembly and Annual Meeting of the Radiological-Society-of-North-America*
Jackman, R. J., Birdwell, R. L., Ikeda, D. M.
RADIOLOGICAL SOC NORTH AMERICA.2002: 548-54
- **Ethical issues in contrast-enhanced magnetic resonance imaging screening for breast cancer.** *Topics in magnetic resonance imaging*
Plevritis, S. K., Ikeda, D. M.
2002; 13 (2): 79-84
- **Breast cancer: Variables affecting sentinel lymph node visualization at preoperative lymphoscintigraphy** *RADIOLOGY*
Birdwell, R. L., Smith, K. L., Betts, B. J., Ikeda, D. M., Strauss, H. W., Jeffrey, S. S.
2001; 220 (1): 47-53

- **Freehand iMRI-guided large-gauge core needle biopsy: A new minimally invasive technique for diagnosis of enhancing breast lesions** *7th Annual Meeting of the International-Society-for-Magnetic-Resonance-in-Medicine (ISMRM)*
Daniel, B. L., Birdwell, R. L., Butts, K., Nowels, K. W., Ikeda, D. M., Heiss, S. G., Cooper, C. R., Jeffrey, S. S., Dirbas, F. M., Herfkens, R. J.
JOHN WILEY & SONS INC.2001: 896–902
- **Development, standardization, and testing of a lexicon for reporting contrast-enhanced breast magnetic resonance imaging studies** *85th Annual Meeting and Scientific Assembly of the Radiological-Society-of-North-America (RSNA)*
Ikeda, D. M., Hylton, N. M., Kinkel, K., Hochman, M. G., Kuhl, C. K., Kaiser, W. A., Weinreb, J. C., Smazal, S. F., Degani, H., Viehweg, P., Barclay, J., Schnall, M. D.
JOHN WILEY & SONS INC.2001: 889–95
- **Potential role of magnetic resonance imaging and other modalities in ductal carcinoma in situ detection.** *Magnetic resonance imaging clinics of North America*
Ikeda, D. M., Birdwell, R. L., Daniel, B. L.
2001; 9 (2): 345-?
- **Progress report from the American College of Radiology Breast MR Imaging Lexicon Committee.** *Magnetic resonance imaging clinics of North America*
Ikeda, D. M.
2001; 9 (2): 295-?
- **Mammographic characteristics of 115 missed cancers later detected with screening mammography and the potential utility of computer-aided detection** *85th Annual Meeting and Scientific Assembly of the Radiological-Society-of-North-America (RSNA)*
Birdwell, R. L., Ikeda, D. M., O'Shaughnessy, K. F., Sickles, E. A.
RADIOLOGICAL SOC NORTH AMERICA.2001: 192–202
- **Milk of calcium in the breast: appearance on prone stereotactic imaging.** *breast journal*
Ross, B. A., Ikeda, D. M., Jackman, R. J., Nowels, K. W.
2001; 7 (1): 53-55
- **Intensity-modulated parametric mapping for simultaneous display of rapid dynamic and high-spatial-resolution breast MR imaging data** *RADIOGRAPHICS*
Agoston, A. T., Daniel, B. L., Herfkens, R. J., Ikeda, D. M., Birdwell, R. L., Heiss, S. G., Sawyer-Glover, A. M.
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