



Debra M. Ikeda, M.D.

Professor of Radiology (Breast Imaging), Emerita

CLINICAL OFFICE (PRIMARY)

- **Stanford Comprehensive Cancer Center**

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ACADEMIC CONTACT INFORMATION

- **Administrative Assistant**

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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 Emeritus-Hourly, 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)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate Group Leader, California Breast Imaging Information Group (2024 - present)
- Leader, California Breast Density Information Group (2012 - 2024)

PROFESSIONAL EDUCATION

- Residency: University of Michigan (1987) MI
- Medical Education: University of Connecticut School of Medicine Registrar (1983) CT
- 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 Imaging Information Group, California
- 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 imaging and breast density information from California Breast Imaging Information Group (CBIG): <https://breastdensity.info>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our group focuses on breast cancer detection and diagnosis with imaging, development and testing of new imaging techniques, and transfer of new technology to the clinical arena.

As associate leader of the California Breast Imaging Information Group (CBIG), a group including members from all California academic breast centers and with members of private practice, current work focuses on federal implementation breast density notification laws.

Other ongoing work focuses on Deep Learning of Digital Breast Tomosynthesis, AI of breast MRI, AI in triple negative breast cancer, breast cancer recurrences after radiation therapy, mammography image quality, MRI imaging and biopsy, mammography positioning, PET-CT

Publications include work in digital breast 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, diffusion weighted imaging (DWI), fine-needle aspiration cytology, stereotactic needle biopsy, partial breast irradiation, sentinel lymph

node biopsy, radiofrequency percutaneous tumor ablation, compliance with recommendations after biopsy, effects of the COVID-19 pandemic on breast imaging and operations, ergonomics in breast imaging, mammographic positioning.

Stanford University provides the optimal research 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, imaging modalities, and biopsy methods. The Lucas Center for Magnetic Resonance and Spectroscopy, and the Clark Center which houses the Molecular Imaging Program at Stanford 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, Bioengineering, AI researchers, epidemiologists, and Medical faculty, postdoctoral candidates and graduate students from around the world.

The Stanford Breast Imaging Service has state-of-the-art imaging equipment to provide imaging research material, including all tomosynthesis digital mammography units, CEM, US, PACS, 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

- **Safety and Efficacy of Percutaneous Drain Placement for Postsurgical Breast Region Fluid Collections** *JOURNAL OF BREAST IMAGING*
Herwald, S. E., Zhou, W., Ikeda, D., Vezeridis, A.
2024
- **Cancers not detected in one-view breast tomosynthesis screening-characteristics and reasons for non-detection.** *European radiology*
Johnson, K., Ikeda, D. M., Andersson, I., Zackrisson, S.
2024
- **The Postoperative Breast: Imaging Findings and Diagnostic Pitfalls After Breast-Conserving Surgery and Oncoplastic Breast Surgery.** *Journal of breast imaging*
Pittman, S. M., Rosen, E. L., DeMartini, W. B., Nguyen, D. H., Poplack, S. P., Ikeda, D. M.
2024
- **Sustaining Mammography Image Quality With a Technologist Coaching Program in the Era of the Enhancing Quality Using the Inspection Program (EQUIP)** *JOURNAL OF BREAST IMAGING*
Kozlov, A., Larson, D., Demartini, W. B., Pal, S., Cowart, P., Strain, A., Ikeda, D. M.
2023
- **Nipple Sparing Mastectomy Technique to Reduce Ischemic Complications: Preserving Important Blood Flow Based on Breast MRI.** *World journal of surgery*
Karin, M. R., Pal, S., Ikeda, D., Silverstein, M., Momeni, A.
2022

- **Breast Density Legislation Impact on Breast Cancer Screening and Risk Assessment.** *Journal of breast imaging*
Kothari, P., Tseng, J. J., Chalfant, J. S., Pittman, S. M., Hoyt, A. C., Larsen, L., Sheth, P., Yamashita, M., Downey, J., Ikeda, D. M.
2022; 4 (4): 371-377
- **Tumor volume doubling time estimated from digital breast tomosynthesis mammograms distinguishes invasive breast cancers from benign lesions.** *European radiology*
Sadeghipour, N., Tseng, J., Anderson, K., Ayalasomayajula, S., Kozlov, A., Ikeda, D., DeMartini, W., Hori, S. S.
2022
- **Breast Density Legislation Impact on Breast Cancer Screening and Risk Assessment** *JOURNAL OF BREAST IMAGING*
Kothari, P., Tseng, J. J., Chalfant, J. S., Pittman, S. M., Hoyt, A. C., Larsen, L., Sheth, P., Yamashita, M., Downey, J., Ikeda, D. M.
2022
- **Frequency and Outcomes of Ipsilateral Axillary Lymphadenopathy After COVID-19 Vaccination.** *JAMA network open*
Zhou, W., DeMartini, W. B., Ikeda, D. M.
2022; 5 (6): e2216172
- **Radiomic features quantifying pixel-level characteristics of breast tumors from magnetic resonance imaging predict risk factors in triple-negative breast cancer.**
Mantz, A. B., Zhou, R., Kozlov, A., DeMartini, W., Chen, S., Okamoto, S., Ikeda, D. M., Mattonen, S. A., Napel, S., Alkim, E., Sledge, G. W., Kurian, A. W., Liu, et al
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Harnessing artificial intelligence to automate delineation of volumetric breast cancers from magnetic resonance imaging to improve tumor characterization.**
Zhou, R., Kozlov, A., Chen, S., Okamoto, S., Ikeda, D. M., DeMartini, W., Kurian, A. W., Sledge, G. W., Telli, M. L., Lee, K., Mantz, A. B., Itakura, H.
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Use of breast MRI to distinguish treatment failure versus new primary tumor following single fraction breast intraoperative radiotherapy for breast cancer (SF-IORT).**
Payne, S., Payne, S., Horst, K. C., Ikeda, D. M., Dirbas, F. M.
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Influence of Imaging Features and Technique on US-guided Tattoo Ink Marking of Axillary Lymph Nodes Removed at Sentinel Lymph Node Biopsy in Women With Breast Cancer.** *Journal of breast imaging*
Pajcini, M., Wapnir, I., Tsai, J., Edquiang, J., DeMartini, W., Ikeda, D.
2021; 3 (5): 583-590
- **Influence of Imaging Features and Technique on US-guided Tattoo Ink Marking of Axillary Lymph Nodes Removed at Sentinel Lymph Node Biopsy in Women With Breast Cancer** *JOURNAL OF BREAST IMAGING*
Pajcini, M., Wapnir, I., Tsai, J., Edquiang, J., DeMartini, W., Ikeda, D.
2021; 3 (5): 583-590
- **FDG Avid Abnormalities in the Breast: Breast Cancer Mimics** *CURRENT RADIOLOGY REPORTS*
Faast, A., Ikeda, D. M., Pittman, S., DeMartini, W., Kozlov, A.
2021; 9 (8)
- **A Proposed Dedicated Breast PET Lexicon: Standardization of Description and Reporting of Radiotracer Uptake in the Breast.** *Diagnostics (Basel, Switzerland)*
Miyake, K. K., Kataoka, M., Ishimori, T., Matsumoto, Y., Torii, M., Takada, M., Satoh, Y., Kubota, K., Satake, H., Yakami, M., Isoda, H., Ikeda, D. M., Toi, et al
2021; 11 (7)
- **A Proposed Dedicated Breast PET Lexicon: Standardization of Description and Reporting of Radiotracer Uptake in the Breast** *DIAGNOSTICS*
Miyake, K. K., Kataoka, M., Ishimori, T., Matsumoto, Y., Torii, M., Takada, M., Satoh, Y., Kubota, K., Satake, H., Yakami, M., Isoda, H., Ikeda, D. M., Toi, et al
2021; 11 (7)
- **Adaptations of Breast Imaging Centers to the COVID-19 Pandemic: A Survey of California and Texas.** *Journal of breast imaging*

- Chalfant, J. S., Cohen, E. O., Leung, J. W., Pittman, S. M., Kothari, P. D., Downey, J. R., Sohlich, R. E., Chong, A., Grimm, L. J., Hoyt, A. C., Ojeda-Fournier, H., Joe, B. N., Trinh, et al
2021; 3 (3): 343-353
- **Impact of the COVID-19 Pandemic on Breast Imaging Education.** *Journal of breast imaging*
Chalfant, J. S., Pittman, S. M., Kothari, P. D., Chong, A., Grimm, L. J., Sohlich, R. E., Leung, J. W., Downey, J. R., Cohen, E. O., Ojeda-Fournier, H., Hoyt, A. C., Joe, B. N., Feig, et al
2021; 3 (3): 354-362
 - **Interval Breast Cancer Rates and Tumor Characteristics in the Prospective Population-based Malmo Breast Tomosynthesis Screening Trial.** *Radiology*
Johnson, K., Lang, K., Ikeda, D. M., Akesson, A., Andersson, I., Zackrisson, S.
2021: 204106
 - **Validation of a candidate instrument to assess image quality in digital mammography using ROC analysis.** *European journal of radiology*
Boita, J., van Engen, R. E., Mackenzie, A., Tingberg, A., Bosmans, H., Bolejko, A., Zackrisson, S., Wallis, M. G., Ikeda, D. M., van Ongeval, C., Pijnappel, R., Broeders, M., Sechopoulos, et al
2021; 139: 109686
 - **How does image quality affect radiologists' perceived ability for image interpretation and lesion detection in digital mammography?** *European radiology*
Boita, J., van Engen, R. E., Mackenzie, A., Tingberg, A., Bosmans, H., Bolejko, A., Zackrisson, S., Wallis, M. G., Ikeda, D. M., Van Ongeval, C., Pijnappel, R., Broeders, M., Sechopoulos, et al
2021
 - **Realism of mammography tissue patches simulated using Perlin noise - a forced choice reading study**
Dustler, M., Bakic, P., Ikeda, D. M., Lang, K., Zwiggelaar, R., Bosmans, H., Zhao, W., Yu, L.
SPIE-INT SOC OPTICAL ENGINEERING.2021
 - **Multishot Diffusion-Weighted MRI of the Breast With Multiplexed Sensitivity Encoding (MUSE) and Shot Locally Low-Rank (Shot-LLR) Reconstructions.** *Journal of magnetic resonance imaging : JMRI*
Hu, Y., Ikeda, D. M., Pittman, S. M., Samarawickrama, D., Guidon, A., Rosenberg, J., Chen, S., Okamoto, S., Daniel, B. L., Hargreaves, B. A., Moran, C. J.
2020
 - **Pulmonary Adenocarcinoma Metastasis to the Breast Unexpectedly Discovered on Re-staging 18F-FDG PET/CT in a Woman With a Normal Screening Mammogram.** *Clinical lung cancer*
Kozlov, A., Pantel, A., Iagaru, A., Ikeda, D.
2020
 - **Prognostic values of quantitative and morphological parameters of dbPET in patients with luminal-type breast cancer: A pilot study**
Miyake, K., Nakamoto, Y., Ikeda, D., Iagaru, A., Daniel, B., Lipson, J., Pal, S., Mittra, E., Guo, H., Kanao, S., Kataoka, M., Toi, M., Togashi, et al
SOC NUCLEAR MEDICINE INC.2020
 - **First experience with a novel "wireless" wire localization device.** *The breast journal*
Kozlov, A. N., Ikeda, D. M.
2020
 - **Pure Fibrocystic Change Diagnosed at MRI-guided Vacuum-assisted Breast Biopsy: Imaging Features and Follow-up Outcomes.** *Journal of breast imaging*
Chen, S. T., Okamoto, S., Daniel, B. L., Covelli, J., DeMartini, W. B., Ikeda, D. M.
2020; 2 (2): 141-146
 - **A randomized phase II study comparing surgical excision versus NeOadjuvant Radiotherapy followed by delayed surgical excision of Ductal carcinoma In Situ (NORDIS)**
Wapnir, I., DeMartini, W., Allison, K., Stone, K., Dirbas, F., Marquez, C., Ikeda, D., Pal, S., Tsai, J., Yang, R., West, R., McMillan, A., Telli, et al
AMER ASSOC CANCER RESEARCH.2020
 - **Clumped vs non-clumped internal enhancement patterns in linear non-mass enhancement on breast MRI**
Chen, S., Covelli, J., Okamoto, S., Daniel, B., DeMartini, W., Ikeda, D.
AMER ASSOC CANCER RESEARCH.2020

- **Development and content validity evaluation of a candidate instrument to assess image quality in digital mammography: A mixed-method study.** *European journal of radiology*
Boita, J. n., Bolejko, A. n., Zackrisson, S. n., Wallis, M. G., Ikeda, D. M., Van Ongeval, C. n., van Engen, R. E., Mackenzie, A. n., Tingberg, A. n., Bosmans, H. n., Pijnappel, R. n., Sechopoulos, I. n., Broeders, et al
2020; 134: 109464
- **Pretreatment Tattoo Marking of Suspicious Axillary Lymph Nodes: Reliability and Correlation with Sentinel Lymph Node** *ANNALS OF SURGICAL ONCOLOGY*
Patel, R., MacKerricher, W., Tsai, J., Choy, N., Lipson, J., Ikeda, D., Pal, S., De Martini, W., Allison, K. H., Wapnir, I. L.
2019; 26 (8): 2452–58
- **The calcified worm sign: Calcification of a breast biopsy marker plug** *BREAST JOURNAL*
Patel, V. P., Perez, M. M., Ikeda, D. M.
2019; 25 (4): 739–40
- **Radiomics features to identify distinct subtypes of triple-negative breast cancers.**
Itakura, H., Ikeda, D. M., Okamoto, S., Chen, S., Rister, B., Gude, D., Mattonen, S. A., Alkim, E., Todderud, J., Schueler, E., Rubin, D., Sledge, G. W., Kurian, et al
AMER SOC CLINICAL ONCOLOGY.2019
- **Mucocele-Like Lesions of the Breast on Core Needle Biopsy: an Institutional review and Meta-Analysis of the Literature**
Ylagan, L., Allison, K., Ikeda, D., Wapnir, I.
NATURE PUBLISHING GROUP.2019
- **High-risk lesions diagnosed at MRI-guided vacuum-assisted breast biopsy: imaging characteristics, outcome of surgical excision or imaging follow-up.** *Breast cancer (Tokyo, Japan)*
Okamoto, S. n., Chen, S. T., Covelli, J. D., DeMartini, W. B., Daniel, B. L., Ikeda, D. M.
2019
- **Differentiating benign and malignant inflammatory breast lesions: Value of T2 weighted and diffusion weighted MR images.** *Magnetic resonance imaging*
Kanao, S., Kataoka, M., Iima, M., Ikeda, D. M., Toi, M., Togashi, K.
2018; 50: 38–44
- **Impact of physiological hormonal fluctuations on F-18-fluorodeoxyglucose uptake in breast cancer** *BREAST CANCER RESEARCH AND TREATMENT*
Miyake, K. K., Nakamoto, Y., Saji, S., Sugie, T., Kurihara, K., Kanao, S., Ikeda, D. M., Toi, M., Togashi, K.
2018; 169 (3): 437–46
- **Improving Performance of Mammographic Breast Positioning in an Academic Radiology Practice** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Pal, S., Ikeda, D. M., Jesinger, R. A., Mickelsen, L., Chen, C. A., Larson, D. B.
2018; 210 (4): 807–15
- **Association of morphological and quantitative parameters on dedicated breast PET with the expression status of hormone receptors, HER2 and Ki-67 in breast cancers**
Miyake, K., Ikeda, D., Lagaru, A., Quon, A., Daniel, B., Lipson, J., Pal, S., Mitra, E., Guo, H., Nakamoto, Y., Nishimatsu, K., Kanao, S., Kataoka, et al
SOC NUCLEAR MEDICINE INC.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.
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
- **Milky Way sign: A potential predictive sign of breast cancer on digital breast tomosynthesis**
Miyake, K. K., Lipson, J. A., Allison, K. H., Xu, Y., Liu, Y. I., Downey, J. R., Ikeda, D. M.
AMER ASSOC CANCER RESEARCH.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
- **Heterogeneous Enhancement Patterns of Tumor-adjacent Parenchyma at MR Imaging Are Associated with Dysregulated Signaling Pathways and Poor Survival in Breast Cancer.** *Radiology*
Wu, J. n., Li, B. n., Sun, X. n., Cao, G. n., Rubin, D. L., Napel, S. n., Ikeda, D. M., Kurian, A. W., Li, R. n.
2017: 162823
- **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
- **The Milky Way Sign: A New Diagnostic Finding of Ductal Carcinoma in situ on Digital Breast Tomosynthesis** *BREAST JOURNAL*
Xu, Y., Miyake, K. K., Liu, Y. I., Downey, J. R., Lipson, J. A., Allison, K. H., Ikeda, D. M.
2016; 22 (3): 349-351
- **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
- **A technique for preoperative axillary lymph node tattooing in patients with breast cancer**
Wapnir, I. L., Downey, J. R., Lipson, J. A., Ikeda, D. M.
AMER ASSOC CANCER RESEARCH.2016
- **A case series of the Milky Way sign: A diagnostic finding of ductal carcinoma in situ (DCIS) and invasive breast carcinoma (IDC) on digital breast tomosynthesis (DBT)**
Allison, K., Xu, Y., Liu, Y. I., Miyake, K. K., Downey, J. R., Lipson, J. A., Ikeda, D. M.
AMER ASSOC CANCER RESEARCH.2016
- **Improving the quality of mammographic positioning**
Chen, C. A., Strain, A., Mickelsen, J. L., Larson, D. A., Jesinger, R. A., Botelho, D., Fromholz, S., Obi, C. N., Crawley, A., Lipson, J. A., Ikeda, D. M., Cooper, C., Pal, et al
AMER ASSOC CANCER RESEARCH.2016
- **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
- **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

- **Correlation of percutaneously biopsied axillary lymph nodes marked with black tattoo ink prior to neoadjuvant chemotherapy with sentinel lymph nodes in breast cancer patients**
Choy, N., Lipson, J., Pal, S., Ikeda, D., Trinh, L., Allison, K., Ozawa, M., Wheeler, A., Wapnir, I.
AMER ASSOC CANCER RESEARCH.2015
- **Impact of breast density notification laws on radiology practices: A survey of 110 radiology facilities**
Nayak, L., Miyake, K. K., Liu, Y., Thomas, W. R., Sickles, E. A., Joe, B. N., Lindfors, K., Brenner, R. J., Feig, S., Bassett, L. W., Leung, J. W., Ojeda-Fournier, H., Hargreaves, et al
AMER ASSOC CANCER RESEARCH.2015
- **7 years follow-up among patients with early stage breast cancer treated with single fraction IORT**
Horst, K., Dirbas, F., Fasola, C., Goffinet, D., Daniel, B., Ikeda, D.
ELSEVIER IRELAND LTD.2015: S236
- **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., Kieryn, 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
- **Factors associated with repetitive strain, and strategies to reduce injury among breast-imaging radiologists.** *Journal of the American College of Radiology*
Thompson, A. C., Kremer 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
- **Breast Density Categorization Creep Response** *RADIOLOGY*
Price, E. R., Hargreaves, J., Lipson, J. A., Sickles, E. A., Brenner, J., Lindfors, K. K., Joe, B. N., Leung, J. T., Feig, S. A., Ojeda-Fournier, H., Kurian, L. W., Love, E., Ryan, et al
2014; 271 (3): 927-28
- **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.
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