

# LORA D. BARKE, D.O.

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## Radiology Imaging Associates

10700 E. Geddes, Suite 200 Englewood, CO 80112

### Current Position(s):

**Radiology Imaging Associates (RIA), Englewood, CO**

Diagnostic Radiologist

Section Chief, Breast Imaging

**Invision Sally Jobe Breast Centers (ISJ), Greenwood Village, CO**

Medical Director and Lead Interpreting Physician

### Previous Position(s):

**Northwestern University Feinberg School of Medicine**

Department of Radiology, Lynn Sage Comprehensive Breast Center

Chicago, IL

Assistant Professor

Instructor

### Education:

Fellowship

**Northwestern University Feinberg School of Medicine**

Breast and Women's Imaging

Northwestern Memorial Hospital Department of Radiology

Lynn Sage Comprehensive Breast Center

Chicago, IL

Residency

**Cook County Hospital**

Diagnostic Radiology

Chicago, IL

Residency

**Cook County Hospital**

Internal Medicine

Chicago, IL

Internship

**Cook County Hospital**

Transitional Internship and Internal Medicine

Chicago, IL

D.O.

**Midwestern University/ Chicago College of Osteopathic Medicine**

Downers Grove, IL

B.S.

**University of Iowa**

Iowa City, IA

### Certifications:

American Board of Radiology (ABR) – Certified

## Peer Reviewed Publications:

1. Butler R, Lavin PT, Tucker FL, **Barke LD**, Bohm-Velez M, Destounis S, Grobmyer SR, Katzen J, Kist KA, Makariou EV, Schilling KJ, Young CA, Dogan, Neuschler EI. Optoacoustic Breast Imaging: Imaging-Pathology Correlation of Optoacoustic Features in Benign and Malignant Breast Masses. *AJR* 2018Nov;211(5):1155-1170. Doi 10.2214/AJR.17.18435.
2. Neuschler EI, Lavin PT, Tucker FL, **Barke LD**, Bertrand ML, Bohm-Velez M, Destounis S, Dogan BE, Grobmyer SR, Katzen J, Kist KA, Makariou EV, Parris TM, Young CA, Butler R. *AJR*. 2018 Sep;211(3):689-700. Doi: 10.2214/AJR.17.184356.
3. Neuschler EI, Butler R, Young CA, **Barke LD**, Bertrand ML, Bohm-Velez M, Destounis S, Donlan P, Grobmyer SR, Katzen J, Kist KA, Lavin PT, Makariou EV, Parris TM, Schilling KJ, Tucker FL, Dogan BE. *Radiology*. 2018 May; 287(2):398-412. Doi: 10.1148/radiol.2017172228.
4. Rafferty EA, Rose SL, Miller DP, Durand MA, Conant EF, Copit DS, Friedewald SM, Plecha DM, Ott IL, Hayes MK, Carlson KL, Cink TM, **Barke LD**, Greer LN, Niklason LT. Effect of Age on Breast Cancer Screening using Tomosynthesis in Combination with Digital Mammography. *Breast Cancer Res. Treat.* 2017 May 18. doi: 10.1007/s10549-017-4299-0
5. Stavros AT, Freitas AG, deMello GG, **Barke L**, McDonald D, Kaske T, Wolverson D, Honick A, Stanzani D, Padovan AH, Moura AP, de Campos MC. Ultrasound Positive Predictive Values by BI-RADS Categories 3-5 for Solid Masses: An Independent Reader Study. *Eur Radiol* 2017 Apr 10. doi:10.1007/s00330-017-4835-7
6. Brinton JT, **Barke LD**, Freivogel ME, Talley TC, Lexin MD, Drew AL, Beam RB, Glueck DH. Informing Women and Their Physicians about Recommendations for Adjunct Breast MRI Screening: A Cohort Study. *Health Commun.* 2017 Feb 3; 1–7. doi: 10.1080/10410236.2016.1278499.
7. Moy L, Newell MS, Mahoney MC, Bailey L, **Barke LD**, Carkaci S, D’Orsi C, Goyal S, Haffty BG, Harvey JA, Hayes MK, Jokich PM, Lee S, Mainiero MB, Mankoff DA, Patel SB, Yepes MM. ACR Appropriateness Criteria® Stage I Breast Cancer: Initial Workup and Surveillance for Local Recurrence and Distant Metastases in Asymptomatic Women, *J Am Coll Radiol*, Dec 2014; 11(12 Pt A): 1160-8.
8. Mainiero MB, Lourenco A, **Barke LD**, Argus AD, Bailey L, Carkaci S, D’Orsi C, Green ED, Holley SO, Jokich, PM, Lee S, Mahoney MC, Moy L, Slanetz PJ, Trikha S, Yepes MM, Newell MS. ACR Appropriateness Criteria Evaluation of the Symptomatic Male Breast, *J Am Coll Radiol* 2015;12:678-682.
9. Friedewald SM, Rafferty EA, Rose SL, Durand MA, Plecha DM, Greenberg JS, Hayes MK, Copit DS, Carlson KL, Cink TM, **Barke LD**, Greer LN, Miller DP, Conant EF. Breast Cancer Screening Using Tomosynthesis in Combination with Digital Mammography. *JAMA*, Jun 2014; 311(24): 2499-2507.
10. Lei RY, Leonard CE, Howell KT, Henkenberns PL, Johnson TK, Hobart TL, Kercher JM, Widner JL, Kaske T, **Barke LD**, Carter DL. External Beam Accelerated Partial Breast Irradiation Yields Favorable Outcomes in Patients with Prior Breast Augmentation. *Frontiers in Oncology*, Jun 2014; 4(154): 1-11.
11. Harvey JA, Mahoney MC, Newell MS, Bailey L, **Barke LD**, D’Orsi C, Hayes MK, Jokich PM, Lee S, Lehman, CD, Mainiero MB, Mankoff DA, Patel SB, Reynolds HE, Sutherland ML, Haffty BG. ACR Appropriateness Criteria® Palpable Breast Masses, *J Am Coll Radiol*, Oct 2013; 10(10): 742-749.
12. Mainiero MB, Lourenco A, Mahoney MC, Newell MS, Bailey L, **Barke LD**, D’Orsi C, Harvey JA, Hayes MK, Huynh PT, Jokich PM, Lee S, Lehman CD, Mankoff DA, Nepute JA, Patel SB, Reynolds HE, Sutherland ML, Haffty BG. ACR Appropriateness Criteria® Breast Cancer Screening. *J Am Coll Radiol*, Jan 2013; 10(1): 11-14.

13. Huynh SV, Lemeshko MC, Mahoney MC, Newell MS, **Barke LD**, D'Orsi C, Harvey JA, Hayes MK, Jokich PM, Lee S, Lehman CD, Mainiero MB, Mankoff DA, Patel SB, Reynolds HE, Sutherland ML, Haffty BG. ACR Appropriateness Criteria® Stage I Breast Carcinoma. *J Am Coll Radiol*, July 2012; 9(7): 463-467.
14. Berg WA, Cosgrove DO, Doré CJ, Schäfer FK, Svensson WE, Hooley RJ, Ohlinger R, Mendelson EB, Balu-Maestro C, Locatelli M, Tourasse C, Cavanaugh BC, Juhan V, Stavros AT, Tardivon A, Gay J, Henry JP, Cohen-Bacrie C; **BE1 Investigators**. Shear-wave Elastography Improves the Specificity of Breast US: the BE1 Multinational Study of 939 Masses. *Radiology*. 2012 Feb;262(2):435-49. doi: 10.1148/radiol.11110640.
15. Brinton JT, **Barke LD**, Freivogel ME, Jackson S, O'Donnell CI, Glueck DH. Breast Cancer Risk Assessment in 64,659 Women at a Single High-Volume Mammography Clinic. *Acad Radiol*. 2012 Jan; 19(1):95-99. doi: 10.1016/j.acra.2011.09.003.
16. Leonard CE, Johnson T, Tallhamer M, Howell K, Kercher J, Kaske T, **Barke LD**, Sedlacek S, Hobart T, Carter DL. Accelerated Partial Breast Intensity-Modulated Radiotherapy in Women Who Have Prior Breast Augmentation. *Clinical Breast Cancer*, 2011; Jun; 11(3): 184-90. doi: 10.1016/j.clbc.2011.03.016.
17. **Barke LD**, Stavros AT. Indications for Breast Ultrasound: Always Evolving. *Ultrasound: Practical Sonography for the Radiologist*. ARRS Categorical Course Syllabus Pages 75-84. 2009.
18. Hwang H, **Barke LD**, Mendelson EB, Susnik B. Atypical Lobular Hyperplasia and Classic Lobular Carcinoma In Situ in Core Biopsy Specimens: Routine Excision is Not Necessary. *Modern Pathology*. 2008 Oct;21(10):1208-16. doi: 10.1038/modpathol.2008.134.
19. Berns EA, Hendrick RE, Solari M, **Barke LD**, Reddy D, Wolfman J, Segal L, DeLeon P, Benjamin S, Willis L. Digital and Screen-film Mammography: Comparison of Image Acquisition and Interpretation Times. *AJR*, Jul 2006; 187: 38-41.
20. Manders JB, **Barke LD**, Wahl A, Wolfman JW, Small W, Keeney KM, Gradishar WJ, Diaz LK. A Case Study from the Lynn Sage Comprehensive Cancer Center. Primary Sarcoma of the Breast: A Diagnostic Dilemma. *Breast Cancer Online*. 2005:8:6.

#### Book Chapters:

**Barke LD** and Freivogel M. Breast Cancer Risk Assessment Models and High-Risk Screening. *Radiol Clin N Am* 55 (2017): 457-474.

#### Committee Manuscripts:

1. Berns EA, Baker J, **Barke LD**, et al. 2018 ACR Digital Mammography Quality Control Manual. Reston, VA: American College of Radiology; 2018
2. Berns EA, Baker J, **Barke LD**, et al. 2016 ACR Digital Mammography Quality Control Manual. Reston, VA: American College of Radiology; 2016
3. Fowler AM, **Barke LD**, DeMartini W, and the Screening Leadership Group. Evidence the Screening Mammography Reduces Deaths from Breast Cancer. *Society of Breast Imaging - SBI News* 2016 Issue 2, 15-18.
4. **Principal Reviewer** for ACR Practice Parameter for the Performance of a Breast Ultrasound Examination Res. 38 – 2016.
5. **Principal Reviewer** for Practice Parameter for the Performance of Ultrasound-Guided Percutaneous Breast Interventional Procedures. Res. 37 – 2016.

6. ACR Practice Parameter for the Performance of Stereotactic-Guided Breast Interventional Procedures. Res. 36 - 2016.
7. ACR Practice Parameter for the Performance of Magnetic Resonance Imaging-Guided Breast Interventional Procedures. Res. 35 – 2016.
8. Nass SJ, Patlak M, (2015) Rapporteurs; National Cancer Policy Forum; Board on Health Care Services; Institute of Medicine; The National Academies of Sciences, Engineering, and Medicine. Assessing and Improving the Interpretation of Breast Images, Workshop Summary 2015. Washington, DC. The National Academies Press. Available online at: <http://www.nap.edu/read/21805/chapter/1>
9. ACR-AAPM-SIIM Practice Parameter for Determinants of Image Quality in Digital Mammography. Res. 36 - 2012, Amended 2014 (Res. 39).
10. ACR Practice Parameter for the Performance of Contrast –Enhanced Magnetic Resonance Imaging (MRI) of the Breast. Res. 12 – 2013.
11. ACR Practice Parameter for the Imaging Management of DCIS and Invasive Breast Carcinoma. Res. 13 – 2013.
12. ACR Practice Parameter for the Performance of Screening and Diagnostic Mammography. Res. 11 – 2013.