

REFERENCES

References

- *Arvanitis C D, Bohndiek S E, Royle G, et al.*: Empirical electro- optical and x-ray performance evaluation of CMOS active pixels sensor for low dose, high resolution x-ray medical imaging. *Med. Phys.* 2005; 34:4612-25.
- *Balleyguier C, kinkel, Dussck JE, et al.*: computer-aided detection (CAD) in mammography. *Eur JRadiol* . 2005; 54:90-96.
- *Bannister LH, Berry MM, Collins P, et al.*: Gray's Anatomy. New York, USA: Churchill Livingstone. 1995; 37: 417-424.
- *Berg WA, Gutierrez L, NesAivcr MS, et al.*: Diagnostic accuracy of mammography, clinical examination, US, and MR imaging in preoperative assessment of breast cancer. *Radiology*. 2004; 233:830- 849.
- *Berg WA, Weinberg IN, Narayanan D, et al.*: High-resolution fluorodeoxyglucose positron emission tomography with compression ("positron emission mammography") is highly accurate in depicting primary breast cancer. *Breast J*. 2006; 12:309-323.
- *Berns EA, Hendrick RE, Solari M, et al.*: Digital and screen-film mammography: comparison of image acquisition and interpretation times. *AJR Am J Roentgenol*. 2006; 187:38-41
- *Berry DA, Cronin KA, Plevritis SK, et al.*: Effect of screening and adjuvant therapy on mortality from breast cancer. *N Engl J Med*. 2008; 353:1784-92.
- *Bick U, Diekmann F, Fallenberg E.M, et al.*: Workflow in digital screening mammography. *Radiologe*. 2008; 48:335-44.
- *Carney PA, Miglioretti DL, Yankaskus BC, et al.*: Individual and combined effects of age, breast density, and hormone replacement therapy use on the accuracy of screening mammography. *Ann Intern Med* 2003; 138:168-175.

-
- Carton A-K, Li J, Albert M, Chen S, et al.: Quantification for contrast-enhanced digital breast tomosynthesis. In. Flynn MJ, Hsieh J, editors. Medical Imaging 2006: Physics of Medical Imaging. San Diego: 2006; 111-121.
 - Chan HP, Wei J, Sahiner B, et al.: Computer-aided detection system for breast masses on digital tomosynthesis mammograms: preliminary experience. Radiology. 2005; 237(3): 1075-1080.
 - Chen SC, Carton AK, Albert M, et al.: Initial clinical experience with contrast-enhanced digital breast tomosynthesis. Acad Radiol. 2007, 14(2):229-238
 - Cho, N., Moon, W. K., et al.: Nonpalpable breast masses: evaluation by US elastography'. Korean J Radiol. 2008; 9:111-8.
 - Da wood S, Broglio K, Buzdar AU, et al.: Trends in survival over the past two decades among white and black patients with newly diagnosed stage IV breast cancer. J Clin Oncol. 2008; 26(30):4891-8.
 - Deikman F, Fallenber E.M, et al.: workflow in digital screening mammography. Radiologe. 2008; 48:335-44.
 - Del Cura JL, Elizagaray E, et al.: The use of unenhanced Doppler sonography in the evaluation of solid breast lesions. AJR Am J Roentgenol. 2005; 184:1788-94.
 - Diekmann F, Bick U, Muller S, Giordano SH, et al.: Tomosynthesis and contrast-enhanced digital mammography: recent advances in digital mammography. Eur. Radiol. 2007; 17:3086-3092.
 - Diekmann F, Diekmunn S, Jeunehomme F, et al.: Digital mammography using iodine-based contrast media: Initial clinical experience with dynamic contrast medium enhancement. Invest Radiol. 2005; 40:397-404.
 - Diekmann F, Diekmann S, Taupitz M, et al.: Use of iodine-based contrast media in digital full-field mammography: initial experience. 2003; 175:342-345.

- *Drake, R. L., Vogl, W. et al.:* Gray's Anatomia clinica para estudantes. Rio de Janeiro, Elsevier. 2005; 24(4):691-704.
- *Duijm LEM, Groenewoud JH, Fracheboud J, et al.:* Impact of additional double reading by radiographers on breast cancer screening parameters. European Congress of Roentgenology. 2007; abstr B-383.
- *Elston CW and Ellis IO.* Pathological prognostic factors in breast cancer I. The value of histological grade in breast cancer: experience from a large study with long-term follow up. *Histopathology*.1991; 19:403-10.
- *Gail MH, Anderson WF, Garcia-Closas M, et al.:* Absolute risk models for subtypes of breast cancer. *J Natl Cancer Inst*. 2007; 99(22): 1657-9.
- *Giger ML, Chan HP, Boone J., et al.:* History and status of CAD and quantitative image analysis: the role of Medical Physics. *Med Phys*. 2008; 35(12):5799-820.
- *Goldhirsch A, Wood WC, Gelber RD, et al.:* Meeting highlights: updated international expert consensus on the primary therapy of early breast cancer. *J Clin Oncol*. 2003; 21: 3357-3365.
- *Gur AS, Unal B, Johnson R, et al.:* Predictive probability of four different breast cancer nomograms for nonsentinel axillary lymph node metastasis in positive sentinel node biopsy. *J Am Coll Surg*. 2009; 208(2):229-35.
- *Kuhl CK, Schrading S, Bieling HB, et al.:* MRI for diagnosis of pure ductal carcinoma in situ: a prospective observational study. *Lancet*. 2007; 370:485-492.
- *Lehman CD, Gatsonis C, Kuhl CK, et al.:* MRI evaluation of the contralateral breast in women with recently diagnosed breast cancer. *N Engl J Med*. 2007;356:1295-1303.
- *Liberman L, Feng TL, Susnik B, et al.:* Case 35 intracystic papillary carcinoma with invasion. *Radiology*. 2001; 219(3):781-4.

- *Lieberman L, Morris EA, Lee MJ, et al:* Breast lesions detected on MR imaging: features and positive predictive value. *AJR Am J Roentgenol.* 2002; 179:171-178.
- *Maliniac JW., Coleman DJ, Sharpe DT, et al.:* Arterial blood supply of the breast. The role of the contractile fibroblast in the capsules around tissue expanders and implants. *Br J Plastic Surg.*1993; 46:547- 5561.
- *Morton MJ, Whaley DH, Brandt KR, et al :* Screening mammograms: interpretation with computer-aided detection: prospective evaluation. *Radiology.* 2006; 239:375-383.
- *Noble M, Bruening W, Uhl S, et al.:* Computer- aided detection mammography for breast cancer screening: systematic review and meta-analysis. *Arch Gynecol Obstet.* 2008; 279(6):881-90.
- Olivotto I, Gelmon K, McCready D, et al.: Intelligent patient guide to breast cancer. 4th ed. Edwards C, editor. Vancouver (RC): Intelligent Patient Guide Limited. 2006; 68-69
- *Osborne MP. Harris JR, Lippman ME, et al.:* Breast development and anatomy. *Diseases of the Breast.* Philadelphia: Lippincott- Raven. 1996; 1-14.
- *Pisano ED, Gatsonis C, Hendrich E, et al.:* Diagnostic performance of digital versus film mammography for breast cancer screening. *N Engl J Med.* 2008; 353:1773-1783.
- *Pisano ED, Gatsonis C, Hendrick E, et al.:* Diagnostic Performance of Digital versus Film Mammography for Breast-Cancer Screening. *N. Engl. J. Med.* 2005; 353:1773-1783.
- *Poplack SP, Tosteson TD, Kogel CA, et al.:* Digital breast tomosynthesis: initial experience in 98 women with abnormal digital screening mammography. *AJR.* 2007; 189:616-623.

-
- *Qaseem A, Snow V, Sherif K, et al.*: Screening mammography for women 40 to 49 years of age. *J Surg Oncol.* Jun 2007; 95(8):605- 9. s. *Ann Intern Med.* 2007; 146(7):511-5.
 - *Reiser I, Nishikawa RM, Giger ML, et al.*: Computerized mass detection for digital breast tomosynthesis directly from the projection images. *Med Phys.* 2006; 33(2):482-491.
 - *Roberta A, Martin J, Felix R, et al.*: Contrast-enhanced Digital Mammography: Initial Clinical Experience. *J. Radiolog)*'. 2006; 228:842-850.
 - *Romand EH, Perez EA, Bryant J, et al.*: Trastuzumab plus adjuvant chemotherapy for operable HER2-positive breast cancer. *N Engl J Med.* 2005; 353(16): 1673-84.
 - *Santen RJ, Mansel R, Maeurer J, et al.*: Benign Breast Disorders. *N Engl J Med.* 2005;353:275-85.
 - *Sardanelli F, Rescinito G, Giordano GD, et al.*: MR dynamic enhancement of breast lesions: high temporal resolution during the first-minute versus eight-minute study. *Journal of Computed Assisted Tomography.* 2000; 24:724-731.
 - *Saslow D, Boetes C, Burke W, et al.*: American Cancer Society guidelines for breast screening with MRI as an adjunct to mammography. *CA Cancer J Clin.* 2007; 57(2):75-89.
 - *Schnitt, SJ, Guidi A J, Morrow M, et al.*: Pathology of invasive breast cancer. *Diseases of the breast* 3rd edition. 2004; 541-585.
 - *Schott AF, Roubidoux MA, Helvie MA, et al.*: Clinical and radiologic assessments to predict breast cancer pathologic complete response to neoadjuvant chemotherapy. *Breast Cancer Res Treat.* 2005; 92:231-8.
 - *Schroeder RJ, Bostanjoglo M, Rademaker J, et al.*: Role of power Doppler techniques and ultrasound contrast enhancement in the differential diagnosis of focal breast lesions. *Eur Radiol.* 2003; 13:68- 79.

- *Sechopoulos I, Suryanarayanan S, Vedantham S, et al.*, Scatter radiation in digital tomosynthesis of the breast. *Med Phys.* 2007; 34(2):564-576.
- *Shirley Lpschitv* Advances in mammography & Imaging assessment in the diagnosis of breast cancer .*Menopause Update* 2008;11(3):10-12.
- *Silverstein MJ & Lagios MD.* Should all patients undergoing breast conserving therapy for DCIS receive radiation therapy *J Surg Oncol.* 2007; 95(8):605-9.
- *Skaane P.* Studies comparing screen-film mammography and full - field digital mammography in breast cancer screening: updated review. *Acta Radiol.* 2009; 50(1):3-14.
- *Skarpathiotakis M, Yaffe MJ, Bloomquist AK, et al.:* Development of contrast digital mammography *Med Phvs.* 2002; 29:2419-2426.
- *Smith A.* Full-field breast tomosynthesis. *Radiol Manage* 2005; 27:25-31.
- *Stojadinovic A, Nissan A, Osborne CK, et al.:* Electrical impedance scanning as a new breast cancer risk stratification tool for young women. *J Surg Oncol.*2008, 97:112-20.
- *Tafra L, Cheng Z, Uddo J, et al.:* Pilot clinical trial of 18 F- fluorodeoxyglucose positron-emission mammography in the surgical management of breast cancer. *Am J Surg.* 2005; 190:628-632.
- *Tang J, Rangayyan R, Xu J, et al. :* Computer-Aided Detection and Diagnosis of Breast Cancer with Mammography: Recent Advances. *IEEE Trans Inf Technol Biomed* 2009; 13:236-251
- *Teertstru HJ, Loo CE, Tinteren HV, et al.:* Breast tomosynthesis in clinical practice: initial results. *Eur Radiol.* 2010; 20: 16-24.
- *The JS, Schilling KJ, Hoffmeister JW, et al.:* Detection of breast cancer with full-field digital mammography and computer-aided detection. *AJR Am J Roentgenol.* 2009; 192(2):337-40.

- *Thomas A., Warm M., et al.*: Tissue Doppler and strain imaging for evaluating tissue elasticity of breast lesions', *Acad Radiol.* 2007; 145:522-529.
- *Vahabi M.* Breast cancer screening methods: a review of the evidence. *Health Care Women Int.* 2003; 24(9):773-93.
- *Vallone P, D'Angelo R, et al.*: Color-Doppler using contrast medium in evaluating the response to neoadjuvant treatment in patients with locally advanced breast carcinoma. *Anticancer Res.* 2005; 25:595-9.
- *Van Dongen JA, Voogd AC, Holcomb RG, et al.*: Long-term results of a randomized trial comparing breast-conserving therapy with mastectomy: European organization for research and treatment of cancer 10801 trial. *J Natl Cancer Inst.* 2000; 92 : 1143-1150.
- *Vernacchia, Fred S., Zachary G, et al.*: Digital Mammography. It's Impact on Recall Rates-and Cancer Detection Rates in a Small Community-Based Radiology Practice. *Am. J. Roentgenol.* 2009; 193:582-585.
- *Vogel VG, Constantino JP, Wickeham DL, et al.*: National surgical adjuvant breast and bowel project update: prevention trials and endocrine therapy of ductal carcinoma in situ. *Clinical Cancer Research.* 2003; Vol 9: 495S-501S.
- *Wallis MG, Wright C, Bick U, et al.*: "Highrex, photon counting tomosynthesis: A new concept for X-ray imaging of the breast", *European Congress of Radiology*, Vienna 2008.
- *Warner E, Plewes DB, Shumak RS, et al.*: Comparison of breast magnetic resonance imaging, mammography and ultrasound for surveillance of women at high risk for hereditary breast cancer. *J Clin Oncol* 2001; 19:3524-3531.
- *Woodward WA, Strom EA, Tucker SL, et al.*: Changes in the 2003 American Joint Committee on Cancer staging for breast cancer dramatically affect stage-specific survival. *J Clin Oncol.* 2003; 21 (17):3244-8.

- *Wu T, Stewart*: Tomographic mammography using a limited number of low-dose cone-beam projection images. *Medical Physi.* 2003; 30:365-380.
- *Yamamoto A, Fukushima H, Okamura R, et al.*: Dynamic Helical CT Mammography of Breast Cancer. *Radiation Medicine.* 2006; 24:35-40.