

TOP-TEN EN NUEVAS TECNOLOGÍAS

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Difusión:

General

Marini C, Iacconi C, Giannelli M, Cilotti A, Moretti M, Bartolozzi C Quantitative diffusion-weighted MR imaging in the differential diagnosis of breast lesion. Eur Radiol 2007; 17:2646-55.

Quimioterapia

Iacconi C, Giannelli M, Marini C, Cilotti A, Moretti M, Viacava P, Picano E, Michelotti A, Caramella D. The role of mean diffusivity (MD) as a predictive index of the response to chemotherapy in locally advanced breast cancer: a preliminary study. Eur radiol on line 2010. Doi 10.1007/S00330-009-1550-z.

Difusión sin contraste

Baltzer P et al. Sensitivity and specificity of unenhanced MR mammography (DWI combined with T2-weighted TSE imaging, ueMRM) for the differentiation of mass lesions. Eur Radiol 2010; 20: 1101-1110. Doi 10.1007/s00330-009-1654-5.

Espectroscopia

General

Bartella et al. Proton MR Spectroscopy with Choline Peak as Malignancy Marker Improves Positive Predictive Value for Breast Cancer Diagnosis: Preliminary Study. Radiology 2006; 239 (3): 686-692.

Quimioterapia

Baek et al. Predicting pathologic response to Neoadjuvant Chemotherapy in Breast Cancer by Using MR Imaging and Quantitative ¹H MR Spectroscopy. Radiology 2009; 251:653-662.

Contrastes ecográficos

Zhao et al. Contrast enhanced ultrasound is helpful in the differentiation of malignant and benign breast lesions. Eur J Radiol 2010; 73: 288-293.

Elastografía

Camps J, Sentís M. Elastosonografía mamaria. Revista Chilena de radiología 2008; 14:122-127.

Tomosíntesis

A Smith. Fundamentals of Breast Tomosynthesis. White paper for Women's Health Hologic 2008. http://www.hologic.com/data/WP-00007_Tomo_08-08.pdf

Mamografía con contraste

Dromaina C, Balleyguiera C. et al. Contrast-enhanced digital mammography. Eur J Radiol 2009; 69: 34–42.

Otros

Moy L. et al. Role of Fusion of Prone FDG-PET and Magnetic Resonance Imaging of the Breasts in the Evaluation of Breast Cancer. Breast Journal of Cancer 2010; 16: 369-376. Doi: 10.1111/j.1524-4741.2010.00927.