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Retrospective Study

Evaluation of internal and shell stiffness assessment in differential diagnosis of breast non-mass lesions by shear wave elastography

Ping Xu, Mei Wu, Min Yang, Juan Xiao, Zheng-Min Ruan, Lan-Ying Wu

13,400 Results Any time

Shear-Wave Elastography for the Differential Diagnosis of ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5125677

To evaluate the diagnostic performance of **shear-wave elastography** (SWE) for the **differential diagnosis of breast** papillary **lesions**.This study was an institutional review board-approved retrospective study, with a waiver of informed consent. A total of ...

Cited by: 3 **Author:** Jin Chung, Jin Chung, Won Kyung Lee, E...
Publish Year: 2016

Elastography of breast lesions: initial clinical results ...

https://pubs.rsna.org/doi/abs/10.1148/radiology.202.1.8988195

Elastography of breast lesions: initial clinical results. ... Comparison and Combination of Strain and **Shear Wave Elastography of Breast** Masses for Differentiation of Benign and Malignant **Lesions** by Quantitative **Assessment**: Preliminary Study ... Combination of conventional ultrasonography and virtual touch tissue imaging quantification for ...

Cited by: 1304 **Author:** B S Garra, E I Cespedes, J Ophir, S R Sp...
Publish Year: 1997

Use of shear wave elastography to differentiate benign and ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4463348

SWE may serve as a complementary tool for **diagnosis of breast lesions**. Long-term clinical studies are required to accurately select **lesions** requiring biopsy. ... affording highly sensitive **assessment of breast** masses and differentiating benign solid **breast lesions** from ... Son EJ, Kim JA, Jeong J. **Shear-wave elastography** of invasive **breast** ...

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Evaluation of internal and shell stiffness assessment in di

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Breast Lesions: Evaluation with Shear Wave Elastography ...

https://pubs.rsna.org/doi/10.1148/radiol.14130818

Shear wave elastography (SWE), a highly reproducible technique, provides a quantitative value for the Young elastic modulus (in kilopascals) of tissues by imaging the **shear wave** propagation within the tissues (11, 14 – 17). The utility of SWE in the **differential diagnosis of breast lesions** has been reported (15, 18 – 26). However, the ...

Cited by: 84 **Author:** Jian Qiao Zhou, Wei Wei Zhan, Cai Chan…

Publish Year: 2014

Breast Lesions: Evaluation with Shear Wave Elastography ...

https://www.researchgate.net/publication/261066923...

Purpose: To analyze the diagnostic performance of **shear wave elastography** (SWE) in differentiating between benign and malignant **breast lesions**, with special emphasis on the value of the **"stiff** rim ...

Breast elastography: A literature review

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3558110

Jun 30, 2012 · The limitations of real-time **elastography** can be compensated **by shear wave**

Nonmass Findings at Breast US: Definition, Classifications ...

https://pubs.rsna.org/doi/10.1148/rg.2020190125

Mar 03, 2020 · Additional diagnostic value of **shear-wave elastography** and color Doppler US for **evaluation of breast non-mass lesions** detected at B-mode US. Eur Radiol 2016;26(10):3542–3549. Crossref, Medline, Google Scholar; 18. Soo MS, Baker JA, Rosen EL, Vo TT. Sonographically guided biopsy of suspicious microcalcifications of the **breast**: a pilot study.

Author: Jihee Choe, Sona A. Chikarmane, Cat... **Publish Year:** 2020

Breast Lesions: Evaluation with Shear Wave Elastography ...

https://pubs.rsna.org/doi/10.1148/radiol.14130818

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Cited by: 84 **Author:** Jian Qiao Zhou, Wei Wei Zhan, Cai Chan...
Publish Year: 2014

Article - Breast elastography: A new paradigm in ...

https://appliedradiology.com/articles/breast...

Breast ultrasound **elastography** is an emerging sonographic imaging technique which provides information on **breast lesions** in addition to conventional ultrasonography (US) and mammography. Ultrasound **elastography** provides a non-invasive **evaluation** of a the "**stiffness**" of a lesion. It increases the specificity of conventional B-mode ultrasound ...

Breast Lesions: Evaluation with Shear Wave Elastography ...

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