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Role of serial multiparametric Magnetic Resonance Imaging in prostate cancer active surveillance

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Abstract

AIM: To examine whether addition of 3T multiparametric magnetic resonance imaging

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[HTML] Multiparametric magnetic resonance imaging in prostate cancer: present and future

J Kurhanewicz, D Vigneron, P Carroll... - Current opinion in ..., 2008 - ncbi.nlm.nih.gov

Summary The best characterization of prostate cancer in individual patients will most likely result from a multiparametric (MRI/MRSI/DTI/DCE) exam using 3T magnetic resonance scanners but questions remain as to how to analyze and display this large amount of ...

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[HTML] Accuracy of multiparametric magnetic resonance imaging in confirming eligibility for active surveillance for men with prostate cancer

L Stamatakis, MM Siddiqui, JW Nix, J Logan... - Cancer, 2013 - Wiley Online Library

... 16-channel) (SENSE, Philips Healthcare, Cleveland, OH) on a 3T magnet (Achieva, Philips ... MRI, which would eliminate the morbidity of these serial biopsies and ... stratification correlates with degree of suspicion of prostate cancer on multiparametric magnetic resonance imaging....

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[HTML] Multiparametric magnetic resonance imaging findings in men with low - risk prostate cancer followed using active surveillance

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... Serial prostate biopsies are associated with an increased risk of erectile dysfunction in ... the presence of postbiopsy changes on MR images: role of proton ... cancer detection following transrectal ultrasound biopsy and correlates with multiparametric magnetic resonance imaging. ...

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[HTML] Prostate Cancer Managed with Active Surveillance: Role of Anatomic MR Imaging and MR Spectroscopic Imaging 1

V Fradet, J Kurhanewicz, JE Cowan, A Karl... - Radiology, 2010 - pubs.rsna.org

... All spectral data were apodized with a 2-Hz Lorentzian function. ... To best assess the pragmatic role of the imaging modalities, no central review of images by ... However, in a separate study of men undergoing active surveillance and serial MR examinations, PSA velocity was ...

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作者: R Loffroy - 2015

2015年10月11日 - Keywords: Prostate cancer, multiparametric-MRI, functional imaging, diffusion In a recent study of active surveillance in low-risk prostate cancer, it was Use of serial multiparametric magnetic resonance imaging in the ...

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