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S Rashid, S Rapacchi, M Vaseghi, R Tung... - Radiology, 2014 - pubs.rsna.org
... the literature (6,10,11). An electrophysiologist, a radiologist, an advanced cardiac life support-certified attendant, and a cardiac device programmer were present during the examinations. The specific absorption rate (SAR) ...

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DJ Pennell, UP Sechtem, CB Higgins... - European heart ..., 2004 - academic.oup.com

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Modified wideband three-dimensional late gadolinium enhancement MRI for patients with implantable cardiac devices

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..., S Rapacchi, K Shivkumar, A Plotnik... - Magnetic resonance ..., 2016 - Wiley Online Library
... Next article in issue: Automated patient-specific optimization of three-dimensional double-inversion recovery magnetic resonance ... An ICD was placed 5 cm away from to the left of the phantom ... As the slab thickness (number of slices) is progressively reduced from A to D, the ...

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Low-dose CT and cardiac MR for the diagnosis of coronary artery disease: accuracy of single and combined approaches

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P Stolzmann, H Alkadhi, N Azemai, A Plass... - Journal of cardiovascular ..., 2010 - Springer

Name of Journal: *World Journal of Radiology*

Manuscript NO: 39330

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Optimized cardiac magnetic resonance imaging inversion recovery sequence for metal artifact reduction and accurate myocardial scar assessment in patients with cardiac implantable electronic devices

Ibrahim EH *et al.* Artifact-free myocardial scar MR imaging

El-Sayed H Ibrahim, Mason Runge, Jadranka Stojanovska, Prachi Agarwal, Maryam Ghadimi-Mahani, Anil Attili, Thomas Chenevert, J Michiel den Harder, Frank Bogun

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Improved late gadolinium enhancement MR **imaging** for patients with implanted **cardiac devices**

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... after MR **imaging** according to the guidelines of the European Society of **Cardiology** (8) and ... certified radiologist (JPF) with more than 20 years of experience in **cardiac** MR **imaging** ... The **optimal** frequency offset of the wideband **inversion** pulse was successfully determined in all of ...

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MRI-guided ventricular tachycardia ablation: integration of late gadolinium enhanced 3D **scar** in patients with ICD

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T Dickfeld, J Tian, G Ahmad, A Jimenez... - Circulation ..., 2011 - Am **Heart** Assoc

... of **Cardiology*** and Radiology#, University of Maryland, Bal Biosense Webster Inc., Tirat Carmel, Israel ... obtained after **optimal** nulling of the **inversion** time to assess late gadolinium ... **cardiac** MRI; SAR≤2W/kg), which resulted in an acute decrease of battery voltage that ...

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S Fratz, T Chung, GF Greil... - ... **Cardiovascular** ..., 2013 - jcmr-online.biomedcentral.com

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作者 : J Schwitter - 2016 - 被引用次数 : 12 - 相关文章

2016年5月5日 - Qualitative and quantitative **assessment** of image quality was ... In these **patients**, **cardiac MRI** can offer diagnostic information in most **Inversion-recovery** FGE (IR-FGE) viability **sequence** demonstrates a Also novel shimming procedures could **reduce** the occurrence of such **device-related artifacts**.

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作者 : OP Simonetti - 2016 - 相关文章

2016年5月5日 - **Patients** with pacemakers and **implantable** cardioverter defibrillators ... In this issue of Circulation: **Cardiovascular** Imaging, Schwitter et al The late gadolinium enhancement **sequence** is most typically an **inversion recovery** FGE **Device artifact reduction** for **magnetic resonance imaging** of **patients** with ...

Device Artifact Reduction for Magnetic Resonance Imaging of...

https://www.researchgate.net/.../258060148_Device_Artifact_Reduction_for... - 翻译此页

2018年6月4日 - Late Gadolinium Enhancement (LGE) **MRI** of ventricular **scar** has been ... However, the majority of **patients** referred for ventricular tachycardia ... Article in **Heart** rhythm: the official journal of the **Heart** Rhythm ... to **reduce** imaging **artifacts** is to image as far away from the **metal** The TI is typically **assessed**.

Improved Late Gadolinium Enhancement MR Imaging for Patients with ...

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作者 : S Rashid - 2014 - 被引用次数 : 34 - 相关文章

Late gadolinium enhancement (LGE) **cardiac magnetic resonance** (MR) **imaging** ... For this procedure, the **assessment** of **myocardial scar** location, size, and ... marked **imaging artifacts** that arise from the **device** generator (2,12), a **metal** box that ... the existing two-dimensional **inversion-recovery** LGE **sequence**, replacing the ...

Cardiovascular magnetic resonance imaging in patients with cardiac ...

<https://www.ncbi.nlm.nih.gov/pubmed/29048460> - 翻译此页

作者 : S Hilbert - 2017 - 被引用次数 : 2 - 相关文章

2017年10月18日 - **Cardiovascular magnetic resonance imaging** in **patients** with **cardiac implantable electronic devices**: a device-dependent imaging strategy ... Image quality was determined using a