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Retrospective Study

Hepatocellular carcinoma: Can LI-RADS v2017 on gadoxetic-acid enhancement magnetic resonance and diffusion-weighted imaging improve the diagnostic accuracy?

Zhang T *et al.* Diagnostic accuracy of HCC based on LI-RADS v2017

Tong Zhang, Zi-Xing Huang, Yi Wei, Han-Yu Jiang, Jie Chen, Xi-Jiao Liu, Li-Kun Cao, Ting Duan, Xiao-Peng He, Chun-Chao Xia, Bin Song

Abstract

BACKGROUND

The Liver Imaging Reporting and Data System (LI-RADS), supported by the American College of Radiology (ACR), has been developed for standardizing the acquisition, interpretation, reporting, and data collection of liver imaging examinations in patients at risk for hepatocellular carcinoma (HCC). Diffusion-weighted imaging (DWI), which is described as an ancillary imaging feature of LI-RADS, can improve the diagnostic efficiency of HCC on LI-RADS v2017 with gadoxetic acid-enhanced magnetic resonance imaging (MRI).

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CT-MRI LI-RADS v2017: A Comprehensive Guide for Beginners

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作者: F Patella - 2018 - 相关文章

2018年2月22日 - **Hepatocellular carcinoma** (HCC) is the most common primary liver **LI-RADS** provides a CT/**MRI** diagnostic algorithm that **can** be applied only in a **increase MRI diagnostic accuracy**, allowing for differential diagnosis between Value of **diffusion-weighted MR imaging**, **gadoteric acid-enhanced MR** ...

Diagnostic Performance of Gadoteric Acid-enhanced Liver MR ...

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作者: BR Kim - 2017 - 被引用次数: 7 - 相关文章

radiology.rsna.org n Radiology: Volume 285: Number 1—October 2017. Purpose : ... Liver **Imaging** Reporting and Data System (**LI-RADS**) cate- gories of ... compare the **diagnostic accuracy** of each modality in lesion detection. ... **Gadoteric acid-enhanced MR imaging** performed signifi- HCC = **hepatocellular carcinoma**.

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作者: JS Bae - 2017 - 被引用次数: 4 - 相关文章

2017年5月30日 - Among these patients, **gadoxetic acid-enhanced** MR was ... All HCCs were evaluated concordance rate of **LI-RADS**. ... **Hepatocellular carcinoma** (HCC) accounts for 70% to 85% of the total with conventional contrast-**enhanced magnetic resonance imaging**. **Diffusion weighted imaging** in the liver.

Diagnosis of Hepatocellular Carcinoma with Gadoxetic Acid ...

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2017年4月3日 - **2017** May-Jun; 18(3): 427-443. **Hepatocellular carcinoma** can be diagnosed by histopathology or ... **diagnostic** sensitivity for HCC **can** be **improved** while maintaining The **LI-RADS** v2014 permits identification of washout appearance ... In **gadoxetic acid-enhanced magnetic resonance images**, 5-cm ...

CT-MRI LI-RADS v2017: A Comprehensive Guide for Beginners

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作者: F Patella - 2018 - 被引用次数: 1 - 相关文章

2018年2月22日 - **Hepatocellular carcinoma** (HCC) is the most common primary liver ... Early **diagnosis** is essential for correct management and **improvement** of prognosis. ... reporting of computed tomography (CT) and **magnetic resonance imaging** (MRI) liver **LI-RADS** provides a CT/MRI **diagnostic** algorithm that **can** be ...

Preliminary Results of High-Precision Computed Diffusion Weighted ...

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作者: M Akagi - 2018 - 相关文章

Conclusion The CR of HCC **can** be **improved** with **image** registration, indicating ... **Diffusion-weighted imaging** (DWI) is widely used for **magnetic resonance** ... When **tumor** was diagnosed LR-4 or 5 using **LIRADS v2017**, **diagnosis** of **diagnostic** performance and **imaging** features at **gadoxetic acid-enhanced MR imaging**.

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Diagnostic Performance of Gadoxetic Acid-enhanced Liver MR ...

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作者: BR Kim - 2017 - 被引用次数: 8 - 相关文章

2017年6月13日 - Gadoxetic acid-enhanced MR imaging performed significantly better in ... RSNA, 2017 ... Hepatocellular carcinoma (HCC) is the sixth most common cancer and ... acid-enhanced magnetic resonance (MR) imaging, which can be Diffusion-weighted imaging (b values of 0 and 500 or 800 sec/mm²) was ...

Diagnostic Performance of Gadoxetic Acid-enhanced Liver MR ...

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作者: BR Kim - 2017 - 被引用次数: 8 - 相关文章

radiology.rsna.org n Radiology: Volume 285: Number 1—October 2017. Purpose: ... enhanced liver magnetic resonance (MR) imaging with that of contrast ... Liver Imaging Reporting and Data System (LI-RADS) cate- gories of ... compare the diagnostic accuracy of each modality in lesion HCC = hepatocellular carcinoma.

Diagnostic accuracy of gadoxetic acid-enhanced MR for small... - PLOS

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone...> ▼ 翻译此页

作者: JS Bae - 2017 - 被引用次数: 4 - 相关文章

2017年5月30日 - Among these patients, gadoxetic acid-enhanced MR was ... All HCCs were evaluated concordance rate of LI-RADS. ... MR for small hypervascular hepatocellular carcinoma (HCC) detected by with conventional contrast-enhanced magnetic resonance imaging. Diffusion weighted imaging in the liver.

Diagnosis of Hepatocellular Carcinoma with Gadoxetic Acid ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5390612/> - 翻译此页

2017年4月3日 - 2017 May-Jun; 18(3): 427-443. Hepatocellular carcinoma can be diagnosed by histopathology or ... diagnostic sensitivity for HCC can be improved while maintaining The LI-RADS v2014 permits identification of washout appearance ... In gadoxetic acid-enhanced magnetic resonance images, 5-cm ...