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Observational Study

Accuracy of multi-echo Dixon sequence in the quantification of hepatic steatosis in Chinese children and adolescents

Zhao YZ *et al.* Quantification of hepatic steatosis in children

Yu-Zhen Zhao, Yun-Gen Gan, Jian-Li Zhou, Jia-Qi Liu, Wei-Guo Cao,
Shu-Mei Chen, Da-Ming Bai, Meng-Zhu Wang, Fang-Qin Gao, Shao-Ming
Zhou

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2018年6月28日 - ... Disease Key Laboratory of Qingdao, Qingdao, Shandong, **China** lower cut-off value, **accuracy** could be affected by fibrosis; ... 1H-MRS is performed using a **multiecho sequence**. ... **Dixon-MRI** in the diagnosis of liver fat content in the **quantification of liver steatosis in children and adolescents**.

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2014年10月24日 - **Accurate** fat **quantification** of the entire liver, and the investigations of the ... examination (VIBE) **Dixon sequence** was applied with the following focuses on the sensitivity, specificity and **accuracy** in diagnosis of **liver steatosis** for grading **accuracy** of low-flip-angle **multiecho** gradient-recalled-echo MR ...

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Proton density fat fraction provides an **accurate** estimation of the presence and grading ... years) underwent T1-independent volumetric **multiecho** gradient-echo imaging with ... Close correlation for **quantification of hepatic steatosis** was observed ... Stanley C, Behling C. Prevalence of fatty liver in **children and adolescents**.

Hepatic Steatosis: Quantification by Proton Density Fat Fraction with ...

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Close correlation for **quantification of hepatic steatosis** was observed ... Liver biopsy remains the reference method to **accurately** diagnose **hepatic steatosis**. ... The advantage of this technique versus older MR imaging techniques (Dixon and fat A three-plane gradient **echo** localizer **sequence** was performed at the ...

Noninvasive Quantitative Detection Methods of Liver Fat Content in ...

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作者: S Lv - 2018 - 被引用次数: 3 - 相关文章

2018年6月28日 - ²Digestive Disease Key Laboratory of Qingdao, Qingdao, Shandong, **China** 1H-MRS is performed using a **multiecho sequence**. ... the methods of MRS, **Dixon** IP, and OP had a better **accuracy** for **quantifying** liver lipid content analysis in the **quantification of liver steatosis** in **children and adolescents**.

Quantification of liver fat in mice: comparing dual-echo Dixon imaging ...

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2011年7月7日 - **Hepatic steatosis** also reflects the toxicity of drugs such as amiodarone, tamoxifen, and antineoplastic (C). ... Triple-echo and **multiecho** in-phase and out-of-phase MR imaging ... 111

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Hepatic Steatosis: Quantification by Proton Density Fat Fraction with ...

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Close correlation for **quantification of hepatic steatosis** was observed between ... such as MR imaging with in-phase and out-of-phase images (**Dixon** method) and MR ... This technique has been shown to provide **accurate quantification of hepatic fat** A three-plane gradient **echo** localizer **sequence** was performed at the ...

Noninvasive Quantitative Detection Methods of Liver Fat Content in ...

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Current status of imaging in nonalcoholic fatty liver disease

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作者: Q Li - 2018 - 被引用次数: 1 - 相关文章

2018年8月27日 - Non-alcoholic fatty liver disease (NAFLD) is the most common diffuse liver ... (1) **Hepatic steatosis**: The diagnosis and **quantification of hepatic fat** is the It is able to detect liver cirrhosis with high **accuracy**, and liver stiffness Hitachi (Tokyo, Japan) offers a two-point **Dixon sequence** called FatSep.