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Name of Journal: World Journal of Gastroenterology

Manuscript No: 43436

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Predicting gastroesophageal varices through spleen magnetic resonance
elastography in pediatric liver fibrosis

Yoon H *et al.* Spleen MRE in pediatric liver fibrosis

Haesung Yoon, ³Hyun Joo Shin, Myung-Joon Kim, Seok Joo Han, Hong Koh, Seung
Kim, Mi-Jung Lee

Abstract

BACKGROUND

A recent retrospective study confirmed that hepatic stiffness and splenic stiffness
measured with magnetic resonance elastography (MRE) are strongly associated with
the presence of esophageal varices. In addition, strong correlations have been
reported between splenic stiffness values measured with MRE and hepatic venous
pressure gradients in animal models. However, most studies have been conducted
on adult populations, and previous pediatric MRE studies have only demonstrated
the feasibility of MRE in pediatric populations, while the actual clinical application
of spleen MRE has been limited

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... undergo endoscopic screening for **esophageal varices** ... - Schepis - 被引用次数: 426

Liver stiffness measurement **predicts** severe portal ... - Vizzutti - 被引用次数: 649

... assessment of **esophageal varices** in **liver cirrhosis** ... - Stefanescu - 被引用次数: 159

Prediction of Esophageal Varices in Patients with Cirrhosis - RSNA ...

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2014年3月9日 - **MR elastography** is comparable to DCE MR imaging in **predicting** the ... **Liver cirrhosis** is defined pathologically as fibrosis and inflammation of the liver, ... **with** cirrhosis, such as **spleen** length, portal vein diameter, **Child-Pugh** ...

Prediction of Esophageal Varices in Patients with Cirrhosis - RSNA ...

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The diagnostic accuracy of **MR elastography** in the **prediction** of esophageal ... **with esophageal varices** in patients **with liver cirrhosis by using** endoscopy as the ... Hepatic stiffness (HS) and **spleen** stiffness (SS) values assessed **with MR elastography**, as well as Journal of **Pediatric Gastroenterology and Nutrition**, Vol.

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Feasibility of in vivo **MR** elastographic **splenic** stiffness measurements in the assessment of ... **Prediction** of **esophageal varices** in patients **with** cirrhosis: usefulness of ... **by** transient **elastography** to diagnose portal hypertension in **children**. ... of esophageous varices in **children** and adolescents **with** chronic **liver disease** or ...

Simultaneous Measurement of Hepatic and Splenic Stiffness Using ...

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Assessment of hepatic fibrosis with magnetic resonance elastography. ... by transient elastography accurately predicts esophageal varices in liver cirrhosis.

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We enrolled 118 patients with liver cirrhosis who underwent the tests for the four serum ... Routine follow-up surveillance for gastroesophageal varices (GEVs) in such ... They primarily include the liver and spleen stiffness measurement [6–10], ... that magnetic resonance elastography had a high diagnostic accuracy with a ...

Magnetic resonance elastography of liver and spleen - aasld - Wiley

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fibrosis can be obtained by measuring liver stiffness or elasticity with MRE. ... magnetic resonance elastography; NAFLD, non-alcoholic fatty liver disease; to have a strong influence on liver stiffness, although in the pediatric population of portal vein flow and liver stiffness for predicting gastroesophageal varices.

Biomarkers and Imaging Studies to Predict Portal Hypertension ... - aasld

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Magnetic Resonance Elastography Shear Wave Velocity Correlates ...

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作者: AM Gharib - 2017 - 被引用次数: 11 - 相关文章

2017年3月20日 - Chronic liver injury with progressive hepatic fibrosis can result in ... fibrosis [14] and predict the presence of esophageal varices [15]. ... Patients with known cirrhosis could participate if they were Child-Pugh class A [21]. ... liver and spleen stiffness assessed by MRE correlated with portal pressure [19, 33].

Magnetic resonance elastography of liver and spleen - aasld - Wiley

<https://aasldpubs.onlinelibrary.wiley.com/doi/pdf/10.1002/nbm.3891> - 翻译此页