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Retrospective Study

Liver intravoxel incoherent motion diffusion-weighted imaging for the assessment of hepatic steatosis and fibrosis in children

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

Abstract

AIM

To evaluate the correlation between intravoxel incoherent motion (IVIM) diffusion-

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... The term **intravoxel incoherent motion** (IVIM) was introduced by Le Bihan et al (1) and reflects the ... valid surrogate of D because DW **imaging** was performed in excised **livers**, thereby eliminating ... thereby explaining the weaker correlation ($r = -0.59$) between D and **liver** fat content ...

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Liver histology and diffusion-weighted MRI in children ... - NCBI - NIH

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Diffusion-Weighted MRI for the Assessment of Liver Fibrosis - NCBI - NIH

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2015年3月19日 - Hepatic steatosis, iron overload, autoimmune hepatitis, chronic viral hepatitis, sclerosing ... Assessment of Hepatic Fibrosis Using Diffusion-Weighted MRI ... are necessary in order to reduce intravoxel incoherent motion effects [37]. ... Child AB patients, and finally group 4 patients having F4 Child CD score.

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