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Evolving role of magnetic resonance techniques in primary sclerosing cholangitis

Selvaraj EA *et al.* Magnetic resonance in primary sclerosing cholangitis

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Abstract

Development of non-invasive methods to risk-stratify patients and predict clinical endpoints have been identified as one of the key research priorities in primary sclerosing cholangitis (PSC). In addition to serum and histological biomarkers, there has been much recent interest in developing imaging biomarkers that can predict disease course and clinical outcomes in PSC. Magnetic resonance imaging (MRI) and magnetic resonance cholangiopancreatography (MRCP) continue to play a central role in the diagnosis and follow-up of PSC patients. MR techniques have undergone significant advancement over the last three decades both in MR data acquisition and interpretation. The progression from a qualitative to quantitative approach in MR acquisition techniques and data interpretation, offers the opportunity for the development of objective and reproducible imaging biomarkers that can potentially be incorporated as an additional endpoint in clinical trials This review article will

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