



Abdomen 2

SY05-1

Estimation of Hepatic Function Using Liver MRI

Seung Baek Hong

Pusan National University Hospital, Korea

Liver magnetic resonance imaging (MRI) plays an essential role in liver imaging, providing excellent soft tissue resolution. This has led to improved diagnostic accuracy in identifying hepatic tumors. In addition to its primary role in liver imaging, recent technical advances have enabled radiologists to assess hepatic function using MRI. Predicting liver function in advance with MRI would be clinically very useful. In particular, MRI conducted prior to specific treatments may be a promising tool for revealing prognostic factors related to liver function after treatment in patients with chronic hepatitis or cirrhosis. Several studies have reported the usefulness of liver MRI in predicting hepatic function. Additionally, other studies have identified liver MRI as a prognostic factor associated with hepatic function.

The purpose of this lecture is to review various techniques for predicting hepatic function. Furthermore, this lecture will discuss the role of liver MRI as a prognostic factor related to hepatic function.

Keywords: Magnetic resonance imaging, Abdomen, Hepatic function, Chronic hepatitis, Liver cirrhosis