



Abdomen

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Imaging diagnosis of hepatocellular carcinoma: current status & unmet clinical need

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Hepatocellular carcinoma (HCC) is the most common primary hepatic malignancy, and the 3rd most frequent cause of cancer-related death. Because the diagnosis of HCC can be established based on imaging without biopsy confirmation, the accurate imaging diagnosis of HCC is important in management of patients with HCCs.

To standardize the performance of liver imaging in patients at risk for HCC, as well as the interpretation and reporting of results, the Liver Imaging Reporting and Data System (LI-RADS) was introduced in 2011, and fully integrated into the American Association for the Study of Liver Disease (AASLD) 2018 HCC clinical practice guideline. Many previous studies reported the diagnostic performance and inter-reader agreement of LI-RADS, but there are several remained clinical issues.

This lecture briefly summarize the status of imaging diagnosis, i.e., LI-RADS and unmet clinical needs.

Keywords: Hepatocellular carcinoma; Diagnosis; Imaging; LI-RADS