

Imaging of Hepatic Metastasis

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Abstract

Metastases are the most common malignant hepatic lesions and considered to be the most frequent indication for imaging of the liver. The accurate detection and characterization of liver metastasis remains a critical issue at the initial diagnosis of primary cancer or during the course of patient treatment. In the recent years, the advent of highly efficient imaging modalities and new techniques has facilitated the early detection of hepatic metastases. This can provide a unique opportunity for applying different treatment options including resection (like colorectal metastases) or radiologic interventional therapies. Optimized MDCT and MRI protocols and application of liver MRI specific contrast agents have also been promising in this agenda. The radiologist's knowledge from underlying histopathologic changes in different types of liver metastases can aid for accurate detection and interpretation of imaging findings. In this talk, the spectrum of imaging findings in hepatic metastasis will be reviewed and new updates in technical aspects will be discussed.

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