

Eovist is a Gd based MR agent that is taken up and excreted by functioning hepatocytes.

The liver gets quite bright by 5 min and the biliary tree is seen well in the majority of pts by 20 min

It is about 3-4x the cost of Magnavist. There is a code for it so the pt/gvmt/insurance pays for the upgrade.

B/c the liver is bright, you cannot tell if a hemangioma is iso-intense with the blood pool on delayed images. It looks like any other non-functioning lesion. As hemangiomas are 60-75% of solid liver lesions, we would miss an important diagnostic clue for a large cohort of lesions. Therefore our first line contrast agent for liver lesions remains Magnavist.

Eovist is excellent at depicting liver mets. It provides a contrast enhanced view of the biliary tree and adds additional information in the workup for FNH (as most FNH's take up Eovist). Please note that well-differentiated HCC can take up Eovist.

Therefore, Eovist is used in all MRCP's, Pts with known liver mets, Pt's with recently diagnosed hemangiomas, and pt's in the workup for FNH based on previous studies.