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## **Biliary complications after liver transplantation: assessment with MR cholangiopancreatography and MR imaging at 3T device**

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### **Highlights**

- Biliary complications (BCs) after liver transplant represent important causes of morbidity and graft dysfunction.
- MR is actually the preferred non-invasive imaging modality to identify post-transplant BCs.
- 3T MRCP and MRI can predict post-transplant BCs in at least 95%, and exclude them in 99% of cases.
- MRCP and MRI at 3T device are extremely reliable for detecting BCs in liver transplant recipients.
- 3T MRCP and MRI should be recommended before any invasive diagnostic procedure.

### **Abstract**

#### **Purpose**

Our study was aimed to assess the diagnostic value of MR cholangiopancreatography (MRCP) and MR imaging at 3T device when evaluating biliary adverse events after liver transplantation.

#### **Materials and methods**

A series of 384 MR examinations in 232 liver transplant subjects with suspected biliary complications

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