Successful Diagnosis and Management of Biliary Cast Syndrome in a Liver Transplant Patient Using Single Operator Cholangioscopy

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ABSTRACT

Context Biliary cast syndrome is an unusual complication of orthotopic liver transplantation with serious clinical implications. Surgical management has been the mainstay of treatment. Endoscopic techniques are recently described in the successful removal of biliary casts. Peroral single operator cholangioscopy is useful for direct visualization of bile ducts, tissue sampling and therapeutic applications.

Case report We report here a post liver transplant patient who underwent successful complete endoscopic removal of biliary cast using single operator cholangioscopy in a single sitting.