Opinion

Von meyenburg complex

Keywords: hepatic, abnormality, ct, infection, meyenburg complex, hamartomas

Abbreviations: CT, computed tomography; ADPKD, autosomal dominant polycystic kidney disease; MBH, multiple biliary hamartomas

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A 63years old female noted to have non-specific hepatic abnormality in a follow up chest CT for infection. The subsequent MRCP demonstrated numerous cystic lesions throughout the liver which showed no communication with the biliary tree (Figure1). Diagnosis of Von Meyenburg Complex has been made. No further management or investigation is required.

Von Meyenburg Complex is a rare cause of multiple hepatic lesions, also known as multiple biliary hamartomas (MBH). It is named after pathologist called Hans von Meyenburg who was born in Dresden in 1887 and first described the pathology of multiple biliary hamartomas in 1918.[1]

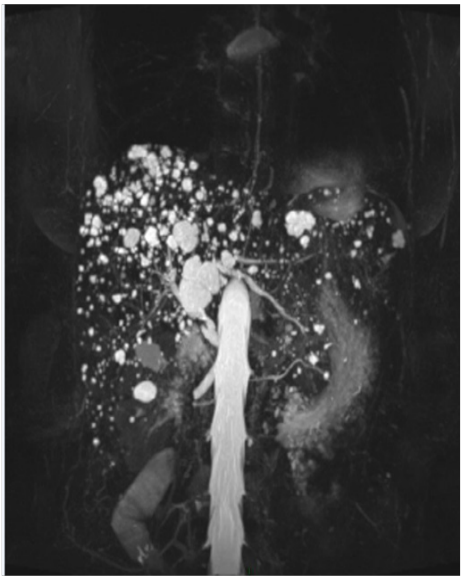

Figure 1 Diagnosis of von meyenburg complex.

MBH is asymptomatic condition and usually found incidentally at autopsy or on imaging with prevalence <1%. It is three times more common in women.[2]

The biliary hamartomas are consistent of small clusters of dilated cystic bile ducts which are not communicating with the biliary tree. On imaging, they appear as multiple small round or irregular lesions throughout the liver with peripheral predominance. No enhancement in the post contrast images.[3] The radiological differential diagnoses include multiple liver cysts and hepatic metastases.

Autosomal dominant polycystic kidney disease (ADPKD) and polycystic liver disease are known associations with this condition.

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Conflict of interest

Author declares that there is no conflict of interest.

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