

## CASE REPORT

# GRANULOMATOUS, HEPATOLITHIASIS AND HEPATOMEGALY CAUSED BY *CAPILLARIA HEPATICA* INFECTION: FIRST CASE REPORT OF THAILAND

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**Abstract.** This is the first case report in Thailand of a *Capillaria hepatica* infection causing a granulomatous hepatic lesion, bile duct dilatation, hepatolithiasis and hepatomegaly. The patient's chief complaint was abdominal pain with fever and chills. Imaging of the liver revealed a 3-cm mass in the postero-inferior sub-segment of the right lobe of the liver with bile duct dilatation. Right hepatectomy and cholecystectomy were performed. Gross pathology of the right hepatectomy revealed focal intrahepatic duct dilatation with prominent periductal fibrosis. The histopathological section revealed chronic inflammation and some granuloma formation surrounding the bile ducts, generalized portal infiltration, prominence of eosinophils and hepatolithiasis. Histopathological section revealed oblique sections of *C. hepatica* egg (size 35.4±6.38 µm in width) and brown amorphous pigment.

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