Table S1: The detailed scoring system

Variables	Specific features
Clinical	- symptom duration > 7 days - local Murphy sign - concomitant hematological disease - overweight / obesity - previous lithotherapy
Ultrasounds	- multiple calculi - sonographic Murphy sign - sliding calculus - pericholecystic fluid - biliary tree calculi - gallbladder wall thickening > 3 mm - gallstone > 3 mm - gallbladder distension - biliary tree calculi/biliary tree dilatation - hepato/splenomegaly - lymph nodes in the hepatic pedicle
Surgical	- gallbladder adhesions >50% - gallbladder distension - gallbladder unable to grasp - stone impact - signs of inflammation - time to identify cystic artery/duct > 90min
Histological	- Ulcers and/or erosion - Inflammatory cell infiltration - Fibrosis - Adenomyosis - Reactive epithelial hyperplasia - Epithelial atrophy - Parietal atrophy - Intramural microlitiasis - Intestinal metaplasia

For each parameter, a dichotomous variable was created (0 = absence; 1 = presence); for histological features, a severity grade (1-2-3) was further added