

ER-GS COMBINE CONFERENCE

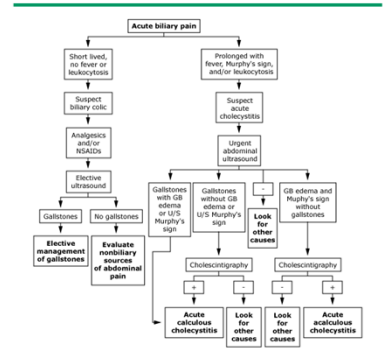
報告者：R2許力云
指導者：VS連楚明
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DISCUSSION

Acute cholecystitis

- Symptoms : right upper quadrant pain, fever, and leukocytosis associated with gallbladder inflammation.
- Complications of acute cholecystitis :
 1. Gangrene
 2. Perforation
 3. Cholecystoenteric fistula
 4. Gallstone ileus
 5. Emphysematous cholecystitis

Algorithm for the diagnosis of acute cholecystitis



GB: gallbladder; U/S: ultrasound.

Early versus delayed laparoscopic cholecystectomy for acute cholecystitis.

- The total hospital stay was about four days shorter in the early group compared with the delayed group.
- Early laparoscopic cholecystectomy during acute cholecystitis seems safe and shortens the total hospital stay.

Cochrane Database Syst Rev. 2006 Oct 18;(4):CD005440.

Percutaneous transhepatic cholecystostomy and delayed cholecystectomy in critically ill patients with acute calculus cholecystitis.

- The main indications for PTHC
 1. severely sick and high-risk patients was **biliary sepsis** and **septic shock**
 2. severe **comorbidities**
- Conclusion : The use of PTHC in critically ill patients with acute cholecystitis is both safe and effective.

Am J Surg. 2002 Jan;183(1):62-6.

Risk of gangrenous cholecystitis in acute cholecystitis

- Older male patients (age older than 50 years) with history of cardiovascular disease, leukocytosis greater than 17,000 white blood cells/mL, and acute cholecystitis have increased risk of gallbladder gangrene.
- Urgent laparoscopic cholecystectomy with low threshold for conversion to open cholecystectomy should be considered in these patients at high risk for gallbladder gangrene.

Surgery. 1999 Oct;126(4):680-5; discussion 685-6.

**THANKS FOR YOUR
ATTENTION**