

Gall bladder disorders

Case 1

Empyema of the gallbladder

52-year-old woman with known gallstones has been waiting for a laparoscopic cholecystectomy. She has been admitted as an emergency with increasing right upper quadrant pain, swinging pyrexia and extreme tenderness over the gall bladder. The patient is toxic, has leukocytosis with raised inflammatory markers, ultrasound of the gallbladder shows thickened gall bladder enveloped by omentum with pericholecystic fluid

Questions

1. What is the differential diagnosis?
 2. What are the complications?
 3. What is the management
 4. What technical problems might the surgeon encounter during cholecystectomy.
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Case 2

Acute cholecystitis

38-year-old female is seen as an emergency complaining of severe right upper quadrant pain radiating to the back and epigastrium. The pain started almost 24 hours ago and has risen to a crescendo over several hours. She has vomited a few times and is feverish. On examination she is febrile, and slightly jaundiced, palpation of the right upper quadrant elicits extreme tenderness which is exacerbated by taking a deep breath (positive Murphy's Sign)

Questions

1. What are the various methods of imaging of the biliary tract?
2. What is the differential diagnosis?
3. What is the management?
4. In early cholecystectomy, what technical problems might ensue and how do you overcome them