Diagnosis of pediatric Acute Pancreatitis (AP) requires at least 2 of the following:
- Abdominal pain compatible with AP
- Serum Amylase and/or lipase values ≥ 3 times the upper limits of normal
- Imaging findings consistent with AP

Obtain CBC, CMP, GGT, Dbili amylase, lipase, Abdominal Ultrasound

Risk Stratification

**HIGH RISK**
- CBD stone on ultrasound or cross-sectional imaging
- Tbili >4 mg/dl AND dilated CBD on imaging (>8mm with gallbladder in situ)
- Ascending Cholangitis

Admit to GI
  - If Patient is at SR ED, Transfer to EG GI Service
  - If patient meets high risk criteria while admitted at SR, transfer to EG for ERCP

GI to consult Surgery upon admission

ERCP

Lap CCY

**INTERMEDIATE RISK**
- Tbili between 1.8 and 4

Admit to Surgery

Surgery to consult GI upon admission

Consider additional work up after admission:
- Trend transaminases and Dbili
- MRCP
- EUS +/- ERCP with bile duct exploration
- Laparoscopic CCY with IOC +/- CBD exploration

Duct clearance on IOC?
  - Yes
    - Return to Floor
  - No
    - Schedule ERCP

**LOW RISK**
- Tbili <1.8 and
- No evidence of pancreatitis

Consult Surgery

At surgeon’s discretion, may admit for surgery, or discharge with outpatient follow-up

**Inclusion Criteria**
- Presence of Gallbladder
- High risk for cholelithiasis
  - Obesity
  - Hemolytic Disease
  - Biliary Malformations (e.g., Choledochol cyst)

**High Risk**
- ERCP should be scheduled within 24 hours
- If there is urgency for decompression and/or block time is not available, consider high-priority out of block scheduling in IR, emergent CCY, or transfer to Emory University Hospital
- Reasonable to bypass MRCP if high-risk and go immediately to ERCP

**Evidence of Pancreatitis**
- Consider patient age and need for sedation
- If child is <8 years old, consider proceeding directly to CCY with IOC +/- CBD exploration

**Magnetic Resonance Cholangiopancreatography (MRCP)**
- Consider patient age and need for sedation
- If child is <8 years old, consider proceeding directly to CCY with IOC +/- CBD exploration

**Laparoscopic Cholecystectomy (CCY)**
- Strong recommendation to perform at index admission or within 2 weeks of ERCP

**Abbreviations**
- CBD = Common Bile Duct
- IOC = Intraoperative cholangiogram
- ERCP = Endoscopic Retrograde Cholangiopancreatography
- EUS = Endoscopic Ultrasound
- MRCP = Magnetic Resonance Cholangiopancreatography
- CCY = Laparoscopic Cholecystectomy

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