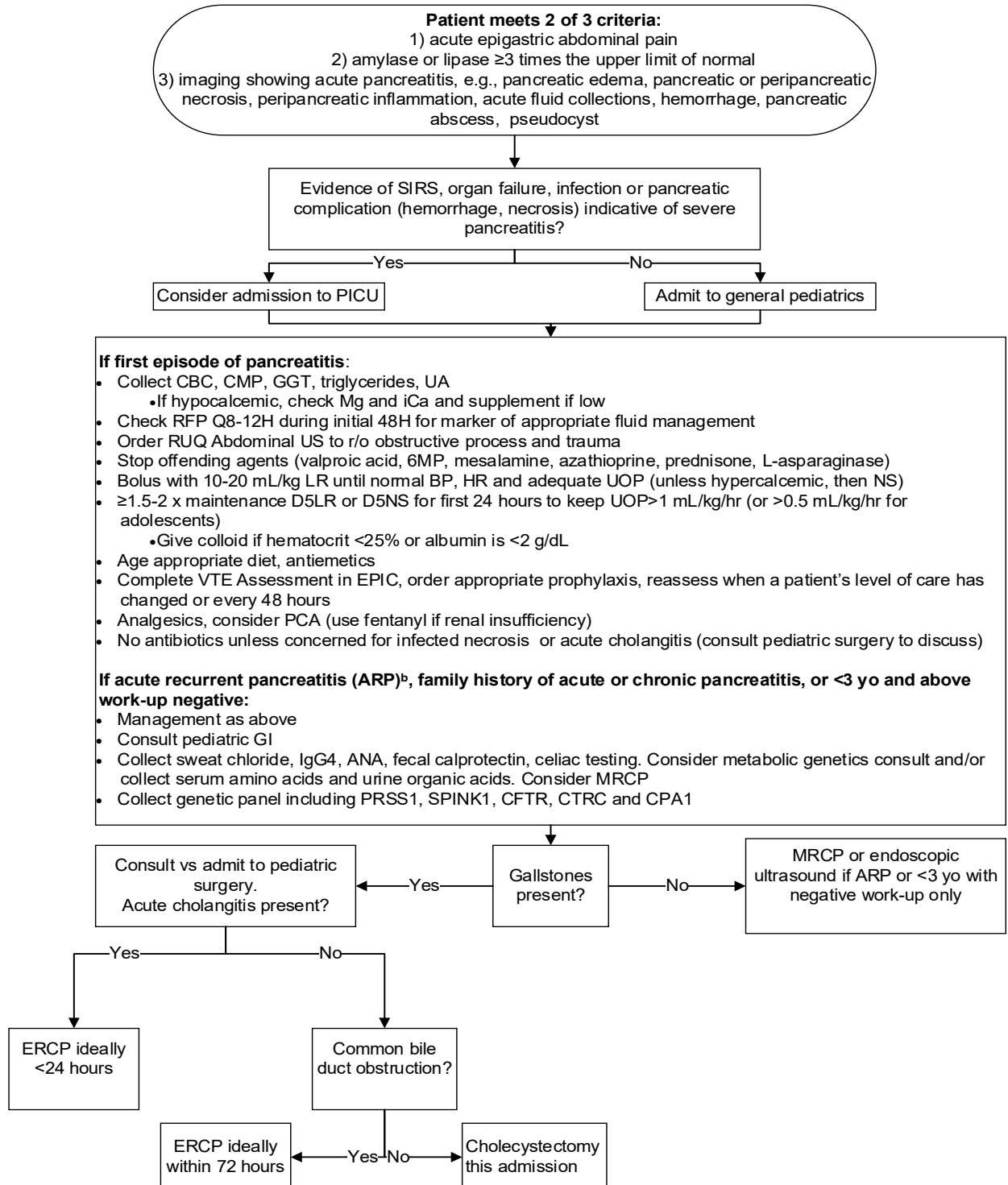


Guideline: Pediatric Pancreatitis, Inpatient

Updated: February 2, 2021

Clinical algorithm:



Clinical guideline summary

CLINICAL GUIDELINE NAME: Pediatric Pancreatitis

PATIENT POPULATION AND DIAGNOSIS: 3 days to 18 years old who present to the ED or our inpatient pediatrics floors with a diagnosis of pancreatitis

APPLICABLE TO: All Spectrum Health Sites

BRIEF DESCRIPTION: This clinical practice guideline covers the diagnosis, work-up and management of pediatric pancreatitis.

OVERSIGHT TEAM LEADER(S): Allison Long, MD; Deborah Cloney, MD; Katherine Boss, RD; Marc Schlatter, MD; Ashleigh Nurski, MSN, RN, ACCNS-P, CPN

OWNING EXPERT IMPROVEMENT TEAM (EIT): n/a

MANAGING CLINICAL PRACTICE COUNCIL (CPC): The Pediatric CPC

CPC APPROVAL DATE: 1/28/2021

OTHER TEAM(S) IMPACTED (FOR EXAMPLE: CPCs, ANESTHESIA, NURSING, RADIOLOGY): Nursing

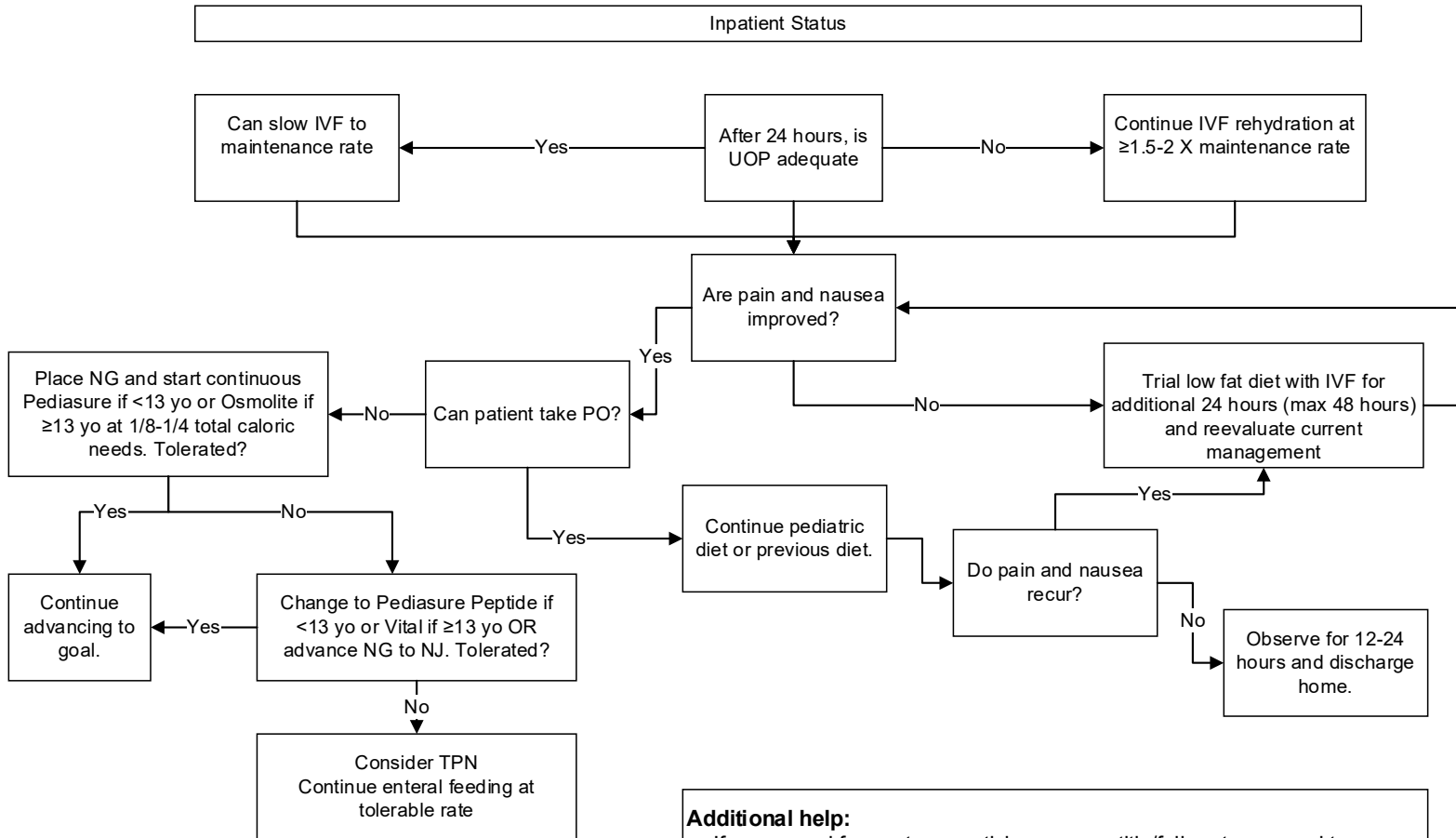
IMPLEMENTATION DATE: 10/19/20

LAST REVISED: 2/2/2021

FOR MORE INFORMATION, CONTACT: Allison Long, MD

Clinical pathways clinical approach

TREATMENT AND MANAGEMENT:



Additional help:

- If concerned for acute necrotizing pancreatitis/failure to respond to therapy/uncertain about diagnosis, obtain CT abdomen and pelvis OR MRI abdomen with contrast after 72-96 hours of symptoms.
- If >30% of pancreas necrotizing, start meropenem for 7-10 days.
- No need to check daily lipase. Progress through flowchart based on symptoms. Recheck if questioning diagnosis.
- Indication for TPN: ileus, abdominal compartment syndrome, complex fistulae; probably pancreatic laceration/fracture/duct disruption. Enteral nutrition preferable even in presence of fistulas, ascites and pseudocysts.
- ERCP can also be considered for pancreatic ductal stones, strictures, pseudocyst drainage, pancreatic duct leaks or ductal lacerations.
- If severe fluid overload with >10% weight gain from baseline, consult nephrology and transfer to PICU for CRRT.

References:

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4. Parniczky A et al. EPC/HPSG Evidence-Based Guidelines for the Management of Pediatric Pancreatitis. Pancreatology. 2018 Mar; 18(2):146-160.
5. Shukla-Udawatta M et al. An Update on Pediatric Pancreatitis. Pediatric Annals. Vol. 46, No. 5, 2017.
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7. Vege SS. Management of acute pancreatitis. UpToDate.com 7 Jan 2014. Accessed 27 Nov 2013
8. Working Group IAP/APA Acute Pancreatitis Guidelines. IAP/APA evidence-based guidelines for the management of acute pancreatitis. Pancreatology 13 (2013)e1-e15.