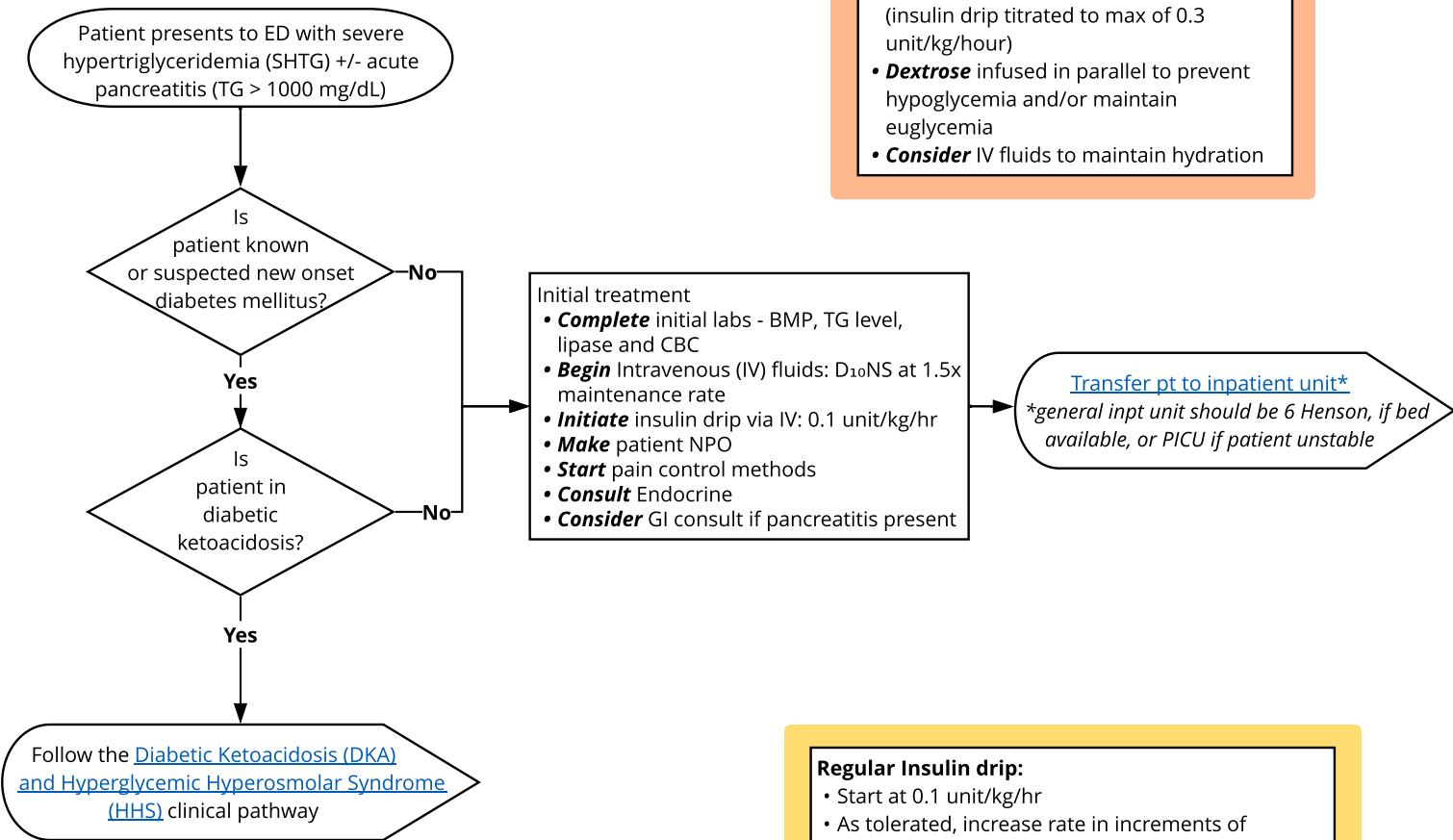


Inclusion Criteria

- SHTG related to:
 - Diabetes and insulin resistance
 - Hematologic-oncologic processes
 - Renal disease
 - TPN use



Goals for SHTG Care Process

- **Decrease** TG level with the use of insulin (insulin drip titrated to max of 0.3 unit/kg/hour)
- **Dextrose** infused in parallel to prevent hypoglycemia and/or maintain euglycemia
- **Consider** IV fluids to maintain hydration

Regular Insulin drip:

- Start at 0.1 unit/kg/hr
- As tolerated, increase rate in increments of 0.05 units/kg/hr (increase q6hr)

POC Blood Glucose Checks

- Check 15 minutes after insulin start
- Check 15 minutes after any rate change to insulin drip
- Once patient stabilized at (determine rate & time) check q1hr

IVF bag components:

- Start at 1.5x maintenance rate
- D₁₀NS w/20mEq/L K Acetate & 20mEq/L K Phosphate
- Switch to D₁₀1/2 NS w/ 20 mEq/L K Acetate & 20 mEq/L K Phosphate if chloride gets too high (>115 mmol/L)

Abbreviations:

AP = Acute pancreatitis
SHTG = Severe hypertriglyceridemia
TG = Triglyceride level
TPN = Total parenteral nutrition