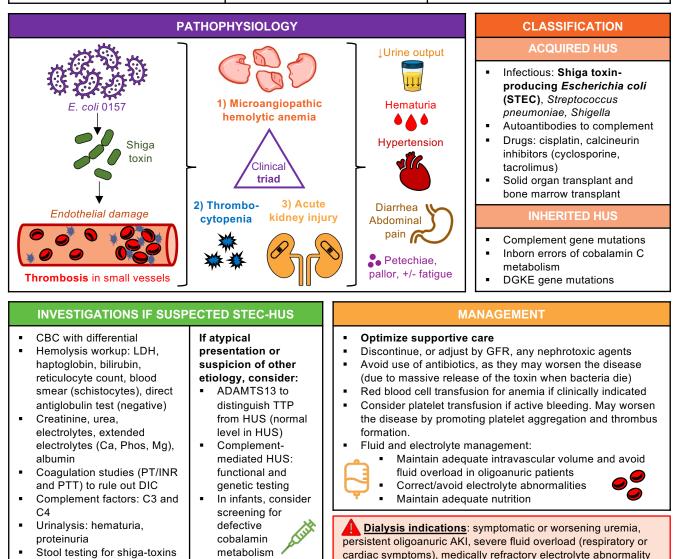


- Shiga toxin-producing E. coli (STEC) accounts for 90% of pediatric HUS cases (classically E. coli 0157.H7)
- Primarily affects children 2 to 5 y.o.

- BACKGROUND
- HUS develops in 10-15% of children following enteric infection with STEC, most commonly from unpasteurized milk, raw or undercooked meat
- Generally, HUS is preceded by a prodromal gastrointestinal illness with bloody diarrhea
- STEC-HUS typically presents on median day 7 of illness, often as the gastrointestinal symptoms are improving
- The severity ranges from mild biochemical abnormalities to persisting end-stage renal disease with a mortality rate of 1-4% (higher risk of death if CNS complications)



## LONG-TERM OUTCOMES FOR CHILDREN WITH STEC-HUS

Prognosis is usually favorable, but renal sequelae (proteinuria, hypertension, CKD) can persist in up to 30% of patients
 It is important that children have long-term follow up

- Risk factors for renal sequelae:
  - Longer duration of oliguria/anuria
    Need for repair replacement therapy
  - Need for renal replacement therapy



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