

**ACUTE ILLNESS PROTOCOL
FATTY ACID OXIDATION DISORDERS
LONG CHAIN HYDROXY Acyl-CoA DEHYDROGENASE DEFICIENCY
(LCHADD)**

ASSESSMENT

Assess for cardiorespiratory stability, dehydration, fever, infection or any other physical stressor (e.g. surgery), as a potential precipitant for metabolic decompensation. Assess hepatic and neurological status.

- **Blood glucose**
- **Electrolytes, CO₂ and blood gas**
- **Ammonia** (1.5 ml blood in sodium-heparin tube sent STAT to lab on ice)
- **Lactate**
- **LFTs** (AST,ALT,AlkPO₄, bilirubin)
- **Clotting studies** (PT, PTTK)
- **EKG and CXR** for preliminary cardiac assessment. Cardiomyopathy is often present. If there is a past history of cardiomyopathy or current cardiac concerns, cardiology services should be notified immediately for emergency evaluation and input for management.