

**ACUTE ILLNESS PROTOCOL  
FATTY ACID OXIDATION DISORDERS  
MEDIUM CHAIN Acyl-CoA DEHYDROGENASE (MCAD) DEFICIENCY**

**ASSESSMENT**

Assess for dehydration, fever, infection or any other physical stressor e.g. surgery, as a potential precipitant for metabolic decompensation. As a rule, decompensation occurs more quickly in infants but children and adults, though more resistant, are still at risk of sudden death.

- **Blood glucose**
- **Electrolytes, CO<sub>2</sub> and blood gas**
- **Ammonia** (1.5 ml blood in sodium-heparin tube sent STAT to lab on ice)
- **LFTs** (AST,ALT,AlkPO<sub>4</sub> PT,PTT, bilirubin)

\* \* ALL siblings of known cases should be tested for MCADD whether or not they have a history of symptoms.