

**ACUTE ILLNESS PROTOCOL
FATTY ACID OXIDATION DISORDERS
SHORT CHAIN Acyl-CoA DEHYDROGENASE (SCAD) 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, CO₂ and blood gas**
- **Ammonia** (1.5 ml blood in sodium-heparin tube sent STAT to lab on ice)
- **LFTs** (AST,ALT,AlkPO₄ PT,PTT, bilirubin)
- **CPK**
- **Urinalysis including ketones**
- **Carnitine, plasma**

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