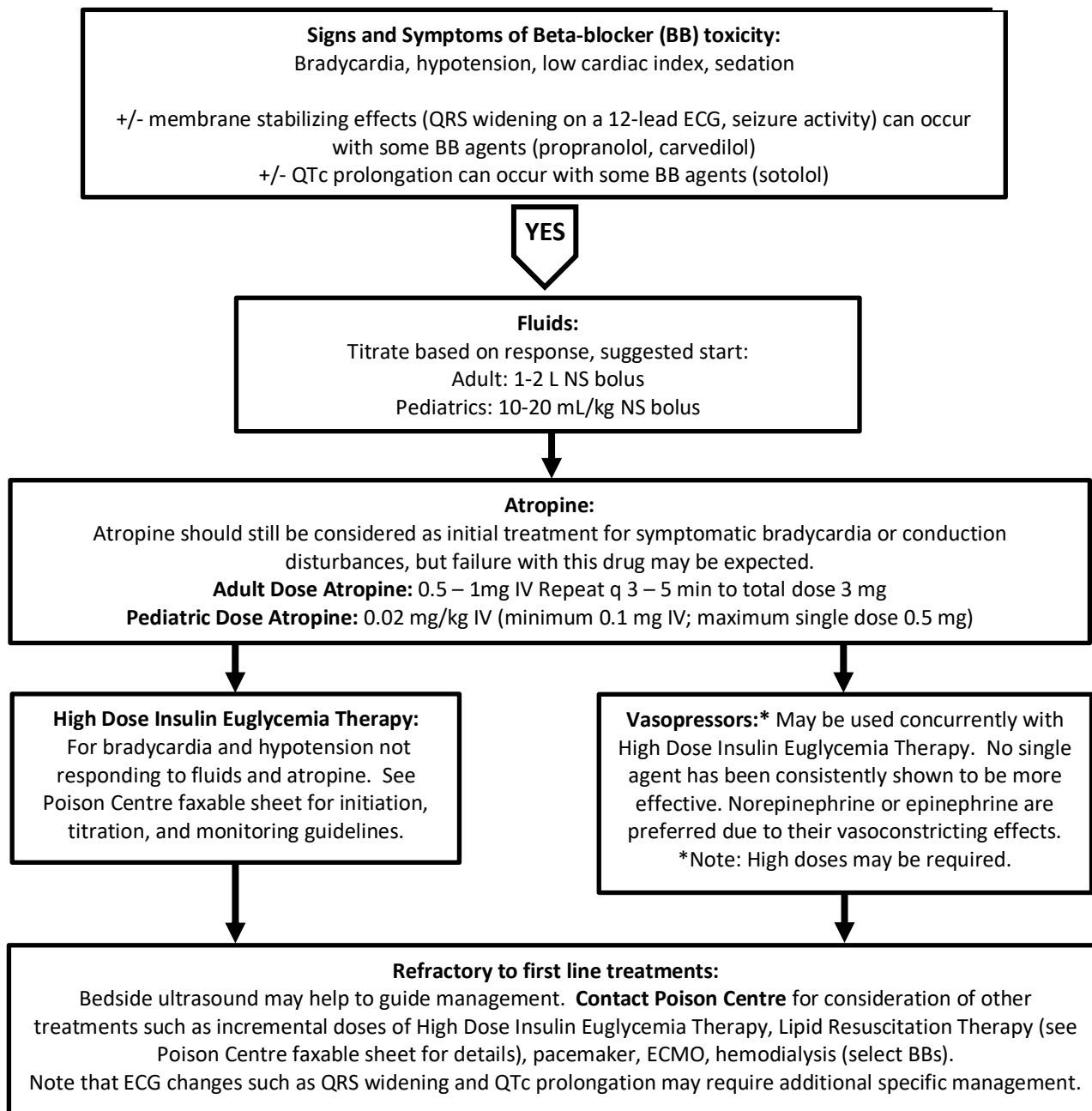




BETA-BLOCKER TREATMENT ALGORITHM



Adjunctive agents:

Glucagon: May transiently improve heart rate > blood pressure. Limitations include nausea/vomiting, hyperglycemia, and tachyphylaxis. Not routinely recommended for severe BB toxicity.

Calcium: May transiently improve blood pressure and may be considered as adjunctive treatment particularly for propranolol overdose, or beta-blocker with concurrent calcium channel blocker overdose.

Adult Dose of Calcium: **Calcium Chloride** (10%) Bolus: 10-20 mL (10%) (or 1-2 g) q10-20 min as required; **Calcium Gluconate** (10%) Bolus: 30-60 mL (or 3-6g) q10-20 min as required.

Pediatric Dose of Calcium: **Calcium Chloride** (10%) Bolus: 0.1-0.2 mL/kg q10-20 min as clinically required; **Calcium Gluconate** (10%) Bolus: 0.3-0.6 mL/kg q10-20 min as clinically required.

Phosphodiesterase inhibitors (e.g. milrinone): May improve cardiac output, but use limited by vasodilation and hypotension. Not routinely recommended.