**Class and Action:** Vitamin; combines with ATP to form thiamine pyrophosphate coenzyme, a necessary component for carbohydrate metabolism.

**Indications:** Coma of unknown origin prior to administration of D50; alcohol DT's, Wernicke's encephalopathy

**Contraindications:** none

**Side Effects:** hypotension, anxiety, diaphoresis, N/V, rare but anaphylactic reaction

**Drug Interactions:** none

**Onset, Duration, and Routes:** Onset is rapid with a duration that varies. Route of administration includes IV or IO.

**Adult Dose:**
- Patient Specific

**Pediatric Dose:**
- Patient Specific

**WDM EMS Protocols:**

**Special Considerations:**
- Large doses may cause respiratory difficulty.

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Protocol: H48. Thiamine
Date of Most Recent Update: 6/2020