

CLASS: A

PROTOCOL(S) USED IN: Altered Mental Status, Dextrose, IM Access and Infusion

PHARMACOLOGY AND ACTIONS:

- A. Vitamin commonly referred to as vitamin B1.
- B. B1 is required for the conversion of pyruvic acid to acetyl-coenzyme A.
- C. If thiamine deficiency occurs, the brain cannot obtain glucose to use as energy.
- D. Chronic alcoholism or starvation interferes with the absorption, intake, and utilization of thiamine.

INDICATIONS:

- A. Administered with D50/D10 in patients suspected of malnutrition or chronic alcoholism.
- B. Coma of unknown origin, especially if alcohol may be involved.
- C. Delirium tremens

CONTRAINDICATIONS:

None

SIDE EFFECTS AND NOTES:

There may be cases of hypersensitivity to thiamine

ADULT DOSING:

Malnutrition

100 mg IV/IO/IM.

PEDIATRIC DOSING:

Not indicated for pediatric patients