

THIAMINE

PHARMACOLOGY & ACTIONS:

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

INDICATIONS:

- Co-administration with D50% in patients suspected of malnutrition or chronic alcoholism.
- Coma of unknown origin, especially if alcohol may be involved.
- Delirium tremens

CONTRAINDICATIONS:

- Hypersensitivity

ADMINISTRATION

- Adult dose: 100 mg IV or IM if IV access cannot be obtained

SIDE EFFECTS & SPECIAL NOTES:

- There may be a few cases of hypersensitivity to thiamine.

CLASS: A

PROTOCOL(S) USED IN: Altered Mental Status, Seizure