THIAMINE

1.0 Classification
   • Water soluble vitamin (Vitamin B₁)

2.0 Mechanism of Action
   • Required for normal metabolism of glucose

3.0 Indications
   • May be given for interfacility transfers as requested by a physician or in an extended care program for alcoholic or malnourished patients receiving glucose

4.0 Contraindications
   • Known hypersensitivity

5.0 Precautions
   • Thiamine should not be given as a bolus

6.0 Route
   • May be given IV

7.0 Dosage
   Adult
   • 100 mg IV over 2 minutes or as directed by the physician

8.0 Supplied
   • 100 mg in 1 mL ampoule

9.0 May Be Given By
   • ACP/CCP

10.0 Adverse effects
   • Hypotension (if given too rapidly)
   • Nausea
   • Feeling of warmth, anxiety
   • Weakness

11.0 Special notes
   • Pregnancy category A [the drug is safe to use in pregnant women]

12.0 References
   • Altered Level of Consciousness Clinical Practice Guideline
   • Compendium of Pharmaceuticals and Specialties (CPS)

*Electronically Signed