

Contraindications — Hypersensitivity, coronary artery disease, mitral valve rheumatic heart disease. Use with caution in CVA, known renal disease, hypotension

Hydrocortisone succinate

Name — Cortef®, SoluCortef®

Class — Corticosteroid

Pharmacologic Action — Glucocorticoid; elicits mild mineralocorticoid activity and moderate anti-inflammatory effects; controls or prevents inflammation by controlling rate of protein synthesis, suppressing migration of polymorphonuclear leukocytes (PMNs) and fibroblasts, and reversing capillary permeability

Indications — For the management of adrenal insufficiency

Contraindications — Untreated serious infections (except tuberculous meningitis or septic shock), idiopathic thrombocytopenic purpura, intrathecal administration (injection), documented hypersensitivity

Hydromorphone

Name — Dilaudid®

Class — Synthetic opiate, opioid analgesic

Pharmacology — Narcotic agonist-analgesic of opiate receptors; inhibits ascending pain pathways, thus altering response to pain; increases pain threshold; produces analgesia, respiratory depression, and sedation

Indications — Management of acute pain

Contraindications — Hypersensitivity

WARNING: Should be used with caution in the elderly and in patients with hypotension, suspected gastrointestinal obstruction, head injury, and concomitant CNS depressants

Hydroxocobalamin

Name — Cyanokit®

Class — Cyanide antidote

Pharmacologic Action — Vitamin B12 with hydroxyl group complexed to cobalt which can be displaced by cyanide resulting in cyanocobalamin that is renally excreted

Indications — For the management of cyanide toxicity

Contraindications — Documented hypersensitivity

WARNING: Will cause discoloration of the skin and urine, can interfere with pulse oximetry. Due to its interference with certain diagnostic blood tests, the performance of prehospital phlebotomy is preferable prior to the administration of hydroxocobalamin

Ibuprofen

Name — There are multiple over-the-counter medications that include ibuprofen, such as Advil®, Motrin®

Class — Non-steroidal anti-inflammatory drug (NSAID)

Pharmacologic Action — Inhibits synthesis of prostaglandins in body tissues by inhibiting at least 2 cyclo-oxygenase (COX) isoenzymes, COX-1 and COX-2. May inhibit chemotaxis, alter lymphocyte activity, decrease proinflammatory cytokine activity, and inhibit neutrophil aggregation; these effects may contribute to anti-inflammatory activity

Indications — For the acute management of pain or as an antipyretic

Contraindications — Aspirin allergy; perioperative pain in setting of coronary artery bypass graft (CABG) surgery; preterm infants with untreated proven or suspected infection; bleeding with active intracranial