

METHYLPREDNISOLONE

Additional Names: Solu-Medrol, Medrol

Classification: Steroid-Glucocorticoid, Anti-Inflammatory Agent

Indications: Anaphylaxis, Allergic Reaction
Asthma, COPD
Adrenal Crisis

Contraindications: Known Hypersensitivity
Use with caution in patients with diabetes
Use with caution in patients with GI bleeding

Dosages: **Adult:**
Wheezing/Bronchospasm: Moderate/Severe
125mg IV/IO/IM
Anaphylaxis
125mg IV/IO/IM
Shock – if patient has Addison’s Disease or other forms of Adrenal Sufficiency
125mg IV/IO/IM with *Medical Control orders
Pediatric:
Lower Airway Obstruction: Asthma/Wheezing > 2yo
2mg/kg IV/IM/IO, max 125mg
Anaphylaxis
2mg/kg IV/IM/IO, max 124mg

Side Effects: Dizziness, weakness, sleep disorders, sodium and water retention, nausea, hypokalemia, hyperglycemia

Physiological: Effects Methylprednisolone is a synthetic corticosteroid. Corticosteroids are hormones produced by the adrenal glands and are involved in several physiological systems such as stress response, Immune system response, and regulation of inflammation.

Additional Info: Adrenal Crisis / Addison’s Disease presents with hypotension or shock out of proportion to the severity of the illness; it can be fatal if not diagnosed and treated aggressively with steroid replacement. Contact Medical Control for consultation.