

METHYLPREDNISOLONE (SOLU-MEDROL)

Drug Classification: Corticosteroid

BACKGROUND

Pharmacodynamics

Solu-Medrol is an intermediate-acting synthetic adrenal corticosteroid with similar glucocorticoid activity, but considerably fewer sodium and water retention effects than hydrocortisone. Solu-Medrol reduces edema and limits the recurrence of symptoms. Half-life is 3.5 hours.

Indications

- Inflammation caused by asthma, COPD or anaphylaxis.

Contraindications

- Known allergy or sensitivity to the medication.

Cautions

- No specific cautions

DOSAGE and ADMINISTRATION

ADULT	PEDIATRICS (less than 60 kg)
1. If not currently on steroids or tapering, administer 125 mg IV/IO slowly.	1. If not currently on steroids or tapering, administer 2 mg/kg IV/IO slowly. Max single dose of 125 mg.

ADVERSE REACTIONS/SIDE EFFECTS

- Headache, hypertension, bradycardia, nausea, vomiting, swelling, diarrhea, weakness, fluid retention

NOTES

REFERENCE GUIDELINE:

3B Asthma, COPD, Bronchospasm

5A Allergic Reaction/Anaphylaxis