



Jackson Hole Fire/EMS Operations Manual

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Title: **Medication Protocol:
Methylprednisolone**

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METHYLPREDNISOLONE (Solu-Medrol) (Medication Protocol)

EMT-INTERMEDIATE PROVIDERS

NOT AUTHORIZED

PARAMEDIC PROVIDERS

STANDING ORDER

CLASS: Glucocorticoid

**PHARMACOLOGY/
ACTIONS:** Methylprednisolone is a synthetic steroid that suppresses acute and chronic inflammation.

ONSET/DURATION: Onset: 1-2 hr / Duration: 8-24 hr

**USE IN FIELD/
INDICATIONS:**

- Anaphylaxis/Severe Allergic Reaction
- Severe asthma exacerbation
- Adrenal insufficiency
- COPD Exacerbation

CONTRAINDICATIONS: Use with caution in patients with gastrointestinal bleeding, diabetes mellitus, or severe infection

SIDE EFFECTS: Headache, hypertension, sodium and water retention, hypokalemia, alkalosis

DRUG INTERACTIONS: Hypoglycemic responses to insulin and oral hypoglycemic agents may be blunted. Potassium-depleting agents may potentiate hypokalemia induced by corticosteroids.

ROUTE: IV, IM, IO

DOSAGE:

ADULT	PEDIATRIC (<45 kg)
125 mg slow IV, IM, IO	1-2 mg/kg slow IV, IM, IO

PREGNANCY SAFETY: Category C – give only if potential benefits justifies risk to fetus