



EMS System for Metropolitan Oklahoma City and Tulsa 2026 Medical Control Board Treatment Protocols



Approved 9/17/25, Effective 1/15/26, replaces all prior versions

16DD – METHYLPREDNISOLONE (SOLU-MEDROL®)

PARAMEDIC

Class: Steroid

Actions/Pharmacodynamics: Methylprednisolone is an intermediate-acting synthetic adrenal corticosteroid with glucocorticoid activity. It exerts anti-inflammatory effects in the setting of inflammatory-mediated illness.

Indications: Dyspnea - Asthma (3C)
Dyspnea - Chronic Obstructive Pulmonary Disease (3D)
Dyspnea – Croup (3M)
Acute Allergic Reactions (8D)
Bee/Wasp Stings (8F)

Contraindications and Precautions: Known hypersensitivity to methylprednisolone. In the setting of anaphylaxis, the only true contraindication is prior severe allergy (anaphylaxis) caused by methylprednisolone.

Pharmacokinetics: Onset of action within 4 – 6 hours, may have effect in excess of 24 hours.

Side Effects: None expected immediately. May occasionally see any of the following effects with onset of action: euphoria, insomnia, confusion, psychosis, edema, hypertension, nausea/vomiting, hyperglycemia.

Dosage: **Dyspnea - Asthma - Adult (3C)**
Dyspnea - Chronic Obstructive Pulmonary Disease - Adult (3D)
Acute Allergic Reactions - Adult (8D)
Bee/Wasp Stings - Adult (8F)
125 mg IVP. Give IM if no IV access obtainable.

Dyspnea - Asthma - Pediatric (3C)
Dyspnea - Croup - Pediatric (3M)
Acute Allergic Reactions - Pediatric (8D)
Bee/Wasp Stings - Pediatric (8F)
2 mg/kg not to exceed 125 mg IVP. Give IM if no IV access obtainable.

How Supplied: 125 mg Act-O-Vial™ System (Single Dose Vial)
(Always check concentration and dose per container at time of patient medication administration)