

# Methylprednisolone

<b><u>Generic Name:</u></b>	<b><u>Brand Name:</u></b>	<b><u>Drug Class:</u></b>
Methylprednisolone	Solu-Medrol	Corticosteroid
<b><u>Mechanism of Action:</u></b>	<b><u>Time to Onset:</u></b>	<b><u>Duration of Effects:</u></b>
Suppresses prostaglandin production. Smooth muscle relaxant through $\beta$ agonism	Within 1 hour	8-24 hours
<b><u>Indications:</u></b>	<b><u>Contraindications:</u></b>	<b><u>Possible Side Effects:</u></b>
<ul style="list-style-type: none"> <li>• Anaphylaxis</li> <li>• Asthma/COPD</li> <li>• Croup</li> </ul>	<ul style="list-style-type: none"> <li>• Premature infants</li> <li>• Systemic fungal infection</li> </ul> <p>Use caution in:</p> <ul style="list-style-type: none"> <li>• Diabetes</li> <li>• Peptic ulcers</li> <li>• Heart disease</li> <li>• Hypertension</li> </ul>	<ul style="list-style-type: none"> <li>• Hypertension</li> <li>• Hypokalemia</li> <li>• GI bleed</li> <li>• Seizures</li> <li>• Nausea</li> </ul>
<b><u>Administration Route:</u></b>	<b><u>Adult dose:</u></b>	<b><u>Pediatric dose:</u></b>
<ul style="list-style-type: none"> <li>• IV</li> <li>• IO</li> <li>• IM</li> </ul>	125 mg	2 mg/kg (max 125 mg)
When administered intravenously, methylprednisolone should be delivered over 1-2 minutes.		