



Children's Hospital Association of Texas
Safety and Quality Collaborative
Asthma Management Pathway (ED and IP)

Corticosteroids Recommendation • Pricing and Availability

Recommendation: Strong recommendation with good quality evidence that corticosteroids speed the resolution of airflow obstruction, reduce the rate of relapse, and may reduce hospitalizations, especially if administered within **ONE HOUR** of presentation to the ED.

- Oral prednisone has effects equivalent to those of intravenous methylprednisolone
- Dexamethasone is as effective as prednisone

Dosage:

- **Dexamethasone (DECADRON INTENSOL)** oral suspension 1mg/ml PO
- **Dexamethasone (DECADRON) Injection 10 mg/mL (Injection form for ORAL use)**
- **Dexamethasone (DECADRON) Intramuscular Injection 10 mg/mL**
- **Dexamethasone (DECADRON) PO TAB: 0.5 mg, 2 mg, 4 mg**
Loading dose = 0.6mg/kg; MAX: 10-16mg/dose
Second dose = 0.6mg/kg; MAX: 10-16mg/dose
(Oral route 2 doses, 24 hours apart)

- **PredniSOLONE (PRELONE, ORAPRED)** Oral Syrup 3 mg/mL
- **PredniSONE (DELTASONE) PO tab: 1, 2.5, 5, 10, 20, 50 mg**
Loading dose = 2 mg/kg/dose; MAX: 60 mg/dose
Continued dosage 2 mg/kg/day in 1-2 divided doses x 3-10days; MAX: 60 mg/day
If more than 10 days is necessary, consider a taper

- **Methylprednisolone sodium SUCCINATE (SOLU-MEDROL) Injection:**
Loading dose = 2 mg/kg/dose; MAX: 60 mg/dose
Continued dosage 1 mg/kg/dose every 6 hours for up to 5 days; MAX: 60 mg/dose



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References

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- Dexamethasone
- Oral prednisolone
- Solumedrol
- Prednisone

Pharmacy	Program	Posting Date
CVS	Yearly \$15/Individual (90 day supply)	7/31/2012
HEB \$	\$5/Family never expires(inc pets); \$9.99 for 3x dose of \$5	2/28/2013
Kroger	No fee; \$10 for 3x dose of \$4	1/23/2013
Randalls	No fee	3/23/2013
Target	No fee; \$10 for 3x dose of \$4	3/31/2013
Walgreens	Yearly \$35/Family \$20/Individual; no savings on additional dose	3/21/2013
Walmart	No fee; \$10 for 3x dose of \$4	3/14/2013



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Med Name	Formulation	Numeric Dosage Unit	Qty	Pharmacy
Dexamethasone	tab	0.5 Mg	30	HEB \$5
		0.5 Mg	30	Kroger \$4
		0.5 Mg	30	Randalls \$4
		0.5 Mg	30	Target \$4
		0.5 Mg	30	Walmart \$4
		0.5 Mg	60	Walgreens \$10
		0.5 Mg	90	CVS \$11.99
		0.75 Mg	10	HEB \$5
		0.75 Mg	12	Target \$4
		0.75 Mg	12	Walgreens \$10
		0.75 Mg	12	Walmart \$4
		0.75 Mg	18	Kroger \$4
		0.75 Mg	18	Randalls \$4
		0.75 Mg	36	CVS \$11.99
		1 Mg	30	Walgreens \$15
		1.5 Mg	12	Randalls \$4
		1.5 Mg	45	Walgreens \$15
		4 Mg	6	Target \$4
		4 Mg	6	Walmart \$4
		4 Mg	12	HEB \$5
		4 Mg	12	Kroger \$4
		4 Mg	12	Randalls \$4
		4 Mg	18	CVS \$11.99
4 Mg	30	Walgreens \$10		



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Med Name	Formulation	Numeric Dosage Unit	Qty	Pharmacy
Prednisolone	Sol	15 mg/5ml	60	Walgreens \$15

Med Name	Formulation	Numeric Dosage Unit	Qty	Pharmacy
Prednisone	Pack	5 Mg	21	HEB \$5
		5 Mg	21	Kroger \$4
		5 Mg	21	Randalls \$4
		5 Mg	21	Walgreens \$10
		5 Mg	48	Kroger \$4
		5 Mg	48	Walgreens \$15
		10 Mg	21	HEB \$5
		10 Mg	21	Kroger \$4
		10 Mg	21	Walgreens \$10
		10 Mg	48	Kroger \$4



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Med Name	Formulation	Numeric Dosage Unit	Qty	Pharmacy
Prednisone	Tab	1 Mg	30	HEB \$5
		1 Mg	90	CVS \$11.99
		1 Mg	90	Walgreens \$10
		2.5 Mg	30	HEB \$5
		2.5 Mg	30	Kroger \$4
		2.5 Mg	30	Randalls \$4
		2.5 Mg	30	Target \$4
		2.5 Mg	30	Walmart \$4
		2.5 Mg	60	Walgreens \$10
		2.5 Mg	90	CVS \$11.99
		5 Mg	30	HEB \$5
		5 Mg	30	Kroger \$4
		5 Mg	30	Randalls \$4
		5 Mg	30	Target \$4
		5 Mg	30	Walgreens \$10
		5 Mg	30	Walmart \$4
		5 Mg	63	CVS \$11.99
		5 Mg	90	CVS \$11.99
		10 Mg	30	HEB \$5
		10 Mg	30	Kroger \$4
		10 Mg	30	Randalls \$4
		10 Mg	30	Target \$4
		10 Mg	30	Walgreens \$5
		10 Mg	30	Walmart \$4
		10 Mg	63	CVS \$11.99
		10 Mg	90	CVS \$11.99
		20 Mg	30	HEB \$5
		20 Mg	30	Kroger \$4
		20 Mg	30	Randalls \$4
		20 Mg	30	Target \$4
		20 Mg	30	Walgreens \$10
		20 Mg	30	Walmart \$4