

**CHSD PHARMACY RECOMMENDED DAILY DOSAGES & ADVERSE REACTIONS OF INFLUENZA ANTIVIRAL MEDICATIONS**

ANTIVIRAL AGENT	DOSING RECOMMENDATIONS BY AGE GROUP				
		1-6 YEAR(S) OLD	7-9 YEARS OLD	10-12 YEARS OLD	13-64 YEARS OLD
<b>Rimantidine</b> FLUMADINE® Influenza A only Tab100mg, Syr50mg/5mL	Treatment Dose*	N/A	N/A	N/A	100 mg BID x5-7d
	Prophylaxis Dose	5 mg/kg/day up to 150 mg in 2 divided doses for >10d	5 mg/kg/day up to 150 mg in 2 divided doses for >10d	100 mg BID for ≥10d	100 mg BID for ≥10d
<b>Amantadine</b> SYMMETREL® Influenza A only Cap, Tab 100mg Syrup 50mg/mL	Treatment Dose*	5 mg/kg/day up to 150 mg in 2 divided doses x3-5d	5 mg/kg/day up to 150 mg in 2 divided doses x3-5d	100 mg BID x3-5d	100 mg BID x3-5d
	Prophylaxis Dose	5 mg/kg/day up to 150 mg in 2 divided doses for >10d	5 mg/kg/day up to 150 mg in 2 divided doses for >10d	100 mg BID for ≥10d	100 mg BID for ≥10d
<b>Oseltamivir</b> TAMIFLU® Influenza A & B Cap 75mg, Powder for suspension 12mg/mL (25mL)	Treatment Dose * (based on weight)	≤15 kg: 2 mg/kg/dose BID x5d >15-23 kg: 45 mg BID x5d >23-40 kg: 60 mg BID x5d >40 kg: 75 mg BID x5d	>15-23 kg: 45 mg BID x5d >23-40 kg: 60 mg BID x5d >40 kg: 75 mg BID x5d	>23-40 kg: 60 mg BID x5d >40 kg: 75 mg BID x5d	75 mg BID x5d
	Prophylaxis Dose	N/A	N/A	N/A	75 mg/day x7-42d
<b>Zanamivir</b> RELENZA® Influenza A & B Diskhaler delivery	Treatment Dose	N/A	10mg BID inhaled	10mg BID inhaled	10mg BID inhaled

ANTIVIRAL AGENT	ADVERSE REACTIONS				
<b>Rimantidine</b> FLUMADINE® Influenza A <i>persons ≥ 1 year</i>	Side effects are usually mild and will stop after discontinuing the drug. Caution in patients with renal dysfunction or seizure disorders: - May see marked behavioral changes, delirium, hallucinations, agitation and seizures GI - Nausea and anorexia (1-3% vs placebo 1%)	6 week Prophylaxis study including 436 healthy subjects			
		Rimantidine (n=145)	Placebo (n=143)	Amantidine (n=148)	
		Insomnia	3.4%	0.7%	7.0%
<b>Amantidine</b> SYMMETREL® Influenza A <i>persons ≥ 1 year</i>	Same as rimantidine (please see above) <b>Lowering the dose of amantadine may decrease the incidence and severity of side effects.</b> - CNS/renal/respiratory/cardiac toxicity (min lethal dose reported at 1 gram). - Anticholinergic effects; may cause mydriasis - Do NOT use in patients with untreated angle closure glaucoma	Nervousness	2.1%	0.7%	2.8%
		Impaired concentration	2.1%	1.4%	2.1%
		Dizziness	0.7%	0.0%	2.1%
		Depression	0.7%	0.7%	3.5%
<b>Oseltamivir</b> TAMIFLU® Influenza A & B <i>persons ≥ 1 year</i>	Common side effects: - Nausea (10% vs placebo 6%) Vomiting (14.3% vs placebo 8.5%) - Conjunctivitis, epistaxis and ear pain occur more frequently in children.				
<b>Zanamivir</b> RELENZA® Influenza A & B <i>persons ≥ 7 years</i>	Frequencies of ADR's similar for persons receiving inhaled Zanamivir and those receiving placebo < 5% - diarrhea; nausea; sinusitis; nasal s/sx's; bronchitis; cough; headache; dizziness; and ear, nose and throat infections < 1.5% - Allergic or allergic-like reaction (including oropharyngeal edema), arrhythmias, bronchospasm, dyspnea, seizures, urticaria ** Should not be used in persons with underlying airway disease, such as asthma or COPD				