

# Common Pediatric Medications\*

## ANTIBIOTICS

### Amoxicillin

**Forms:** Liquid, tablet, capsule

**Usual oral dosage<sup>1,2</sup>:**

Children > 3 months of age up to 40 kg:  
20-40 mg/kg/day in divided doses every 8 hours

OR 25-45 mg/kg/day in divided doses every 12 hours

Children > 40 kg & adults:

250-500 mg every 8 hours

OR 500-875 mg every 12 hours

Endocarditis prophylaxis<sup>3</sup>: 50mg/kg (maximum 2 g 30-60 minutes before procedure

### Amoxicillin clavulanate (Augmentin®)

**Forms:** Liquid, tablet

**Usual oral dosage<sup>1</sup>** (based on amoxicillin component):

Children > 3 months of age up to 40 kg:  
25-45 mg/kg/day in divided doses every 12 hours

(Rx suspension or chewable tablet due to clavulanic acid component)

Children > 40 kg & adults: 500-875 mg every 12 hours (Rx tablet)

### Cephalexin

**Forms:** Liquid, tablet, capsule

**Usual oral dosage<sup>2</sup>:**

Children: 25-50 mg/kg/day in divided doses

Adults: 250 mg every 6 hours

Endocarditis prophylaxis<sup>3</sup>: 50 mg/kg (maximum 2 g) 30-60 minutes before procedure

### Clindamycin HCl

**Forms:** Liquid, tablet, capsule, injectable

**Usual oral dosage<sup>2</sup>:**

Children: 8-20 mg/kg/day in 3-4 divided doses

Adults: 150-450 mg every 6 hours

**Usual parenteral dose<sup>4</sup>:**

Children > 1 mo old: 20-40 mg/kg/day in 3-4 divided doses

Children > 12 & adults: 1.2-1.8 g/day in 2-4 divided doses

Endocarditis prophylaxis<sup>3</sup>: 20 mg/kg (maximum 600 mg) orally, IM, or IV 30-60 minutes before procedure

### Penicillin V Potassium

**Forms:** liquid, tablet

**Usual oral dosage<sup>4</sup>:**

Children < 12: 25-50 mg/kg/day in 3-4 divided doses

Children > 12 & adults: 125-500 mg q 6-8 hrs

## ANALGESICS

### Acetaminophen

**Forms:** Liquid, tablet, capsule, rectal suppository

**Usual oral dosage<sup>4</sup>:**

Children < 12 years: 10-15 mg/kg/dose every 4-6 hours as needed.  
Do not exceed 5 doses (2.6 g) in 24 hours

Children > 12 years & adults: 325-650 mg every 4-6 hours as needed not to exceed 4g/day

### Acetaminophen with codeine<sup>4</sup>

**Forms:** Liquid, tablet

Elixir: 120 mg acetaminophen & 12 mg codeine/5 mL with alcohol 7%

No. 2: 300 mg acetaminophen and 15 mg codeine

No. 3: 300 mg acetaminophen and 30 mg codeine

No. 4: 300 mg acetaminophen and 60 mg codeine

**Usual oral dosage:**

Children < 12 years: 0.5-1 mg codeine/kg/dose every 4-6 hours as needed;  
10-15 mg acetaminophen/ kg/dose every  
4 hours as needed not to exceed 2.8 g acetaminophen/  
24 hours

OR 3-6 years: 5 mL 3-4 times/day

7-12 years: 10 mL 3-4 times/day

>12 years: 15 mL every 4 hours

Adults (based on codeine component): 30-60 mg dose every 4-6 hours as needed not to exceed 360 mg codeine or 4 g acetaminophen per 24 hours

### Ibuprofen

**Forms:** Liquid, tablet

**Usual oral dosage:**

Children<sup>4</sup>: 4-10 mg/kg/dose every 6-8 hours

Children > 12 years<sup>4</sup>: 200 mg every 4-6 hours as needed  
(maximum 1200 mg/24 hrs)

Adults<sup>2</sup>: 400 mg/dose every 4-6 hours

\* Pediatric dosage should not exceed adult dosage.

### Sources:

1. PDR.net. Available at: "<http://www.pdr.net/home/pdrHome.aspx>". Accessed May 18, 2008.
2. RxList – The internet drug index. Available at: "<http://www.rxlist.com/>". Accessed May 18, 2008.
3. Wilson W, Taubert KA, Gewitz M, et al. Prevention of infective endocarditis: Guidelines from the American Heart Association. Circulation. 2007;116(15):1736-1754. Correction Circulation. 2007; 116:e376-e377. Available at: "<http://circ.ahajournals.org/cgi/content/full/116/15/1736>". Accessed May 23, 2008.
4. Wynn RL, Meiller TF, Crossley HL. Drug Information Handbook for Dentistry, 13<sup>th</sup> edition. Lexi-Comp, Hudson, Ohio. 2007.

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