

# Acetaminophen (Tylenol)

<u>Fever</u>		
<b>P</b>	<b>Adult</b>	1 gram PO
<b>B</b>	<b>Pediatric</b>	15 mg/kg, not to exceed 50 mg/kg/24 hours <a href="#">Weight Based Pediatric Dosing Chart Link</a>

<u>Adult Pain Management</u> <u>Pediatric Pain Management</u>		
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**Class:**

- Analgesic
- Antipyretic

**Description of Use:**

- May block pain impulses peripherally that occur in response to inhibition of prostaglandin synthesis; does not possess anti-inflammatory properties; antipyretic action results in inhibition of prostaglandins in the CNS (hypothalamic heat-regulating center)

**Pharmacokinetics:**

- Onset: 10-30 minutes, peak onset of ½ - 2 hours. Half-life: 1-4 hours.
- 85-90% metabolized by the liver, excreted by the kidneys

**Special Populations:**

- Pregnancy Category: B
- Children: No age-related precautions noted. Elderly: No age-related precautions noted

**Contraindications:**

- Hypersensitivity
- Intolerance to tartrazine (yellow dye #5), alcohol, table sugar, saccharin depending on product

**Cautions:**

- Breast feeding, geriatric patients, anemia, renal/hepatic disease, chronic alcoholism

**Adverse reactions:**

- Hepatotoxicity, GI Bleeding, Renal Failure (high, prolonged doses), Leukopenia, Neutropenia, Hemolytic anemia (long-term use), Thrombocytopenia, Jaundice, Pancytopenia, Cyanosis, Anemia, CNS Stimulant, delirium followed by vascular collapse, seizures, coma and death

**Treatment of Overdose:**

- Supportive care