

ACETYLCYSTEINE INJECTION (Parvolex®)	
Usual Adult Dose	
<p>Paracetamol overdose: 3 consecutive intravenous infusions receiving a total dose of 300mg/kg over 21 hours. (See adult dosage table)</p> <p>It is most effective when administered within 8-10 hours of paracetamol overdose. The efficacy diminishes between 10 – 24 hours post overdose, but can still be administered up to 24hours. It may be administered after 24 hours in patients at risk of severe liver damage.</p> <p>Treatment of acute hepatic failure not induced by paracetamol (unlicensed indication)</p> <p>Dose: 100mg/kg IV over 16 hours. Repeat dose as required. (Local D&T decision due to risk of anaphylaxis with higher loading dose)</p> <p>Contact specialist liver unit in St. Vincent's University Hospital as soon as possible for advice.</p> <p>Dosage should be calculated using patients actual weight up to 110kg</p> <p>Obese patients: ceiling weight of 110kg should be used.</p> <p>Pregnant women: use the patient's actual weight at the time of presentation.</p>	
Available As	
2g/10ml ampoules (200mg/ml) Concentrate for Solution for Infusion	
Reconstitution	
N/A	
Compatible Infusion Fluid	
<p>Glucose 5% (first line)</p> <p>Sodium Chloride 0.9% can be used as an alternative</p>	
Administration	
Central/ Peripheral	Central or peripheral (Central line preferable due to high osmolality - if not available administer via large peripheral vein)
Flushing	Glucose 5% (first line) or Sodium Chloride 0.9%
Rate of infusion: See adult dosage table for the Paracetamol Overdose indication ONLY	
Cautions	
<p>Anaphylactoid hypersensitivity reactions occur particularly with initial loading dose.</p> <p>History of asthma or atopy, however do not delay treatment.</p> <p>Caution in children, fluid restricted patients or pts < 40kg as risk of fluid overload (which may result in hyponatraemia and seizures which may be life-threatening).</p> <p>May cause decreases or more commonly small increases in prothrombin times.</p> <p>Patients on a controlled sodium diet (contains 322.6mg Sodium per 10ml).</p>	
Side Effects	

Test

