

**Box 7: Volume of acetylcysteine to be charted for each infusion, based on actual bodyweight and rounded up to the nearest 10kg.**

Patient's body weight (kg)	Initial acetylcysteine infusion Dose: 150mg/kg over 60mins added to 200 mL of 5% glucose	Second acetylcysteine infusion Dose: 50mg/kg over 4 hours to be added to 500 mL of 5% glucose	Third acetylcysteine infusion Dose: 100mg/kg over 16 hours to be added to 1000 mL of 5% glucose
	Dose (g) acetylcysteine = Volume (mL)* = (0.75 x wt(kg))	Dose(g) acetylcysteine = Volume (mL)* = (0.25 x wt(kg))	Dose(g) acetylcysteine = Volume (mL)* = (0.5 x wt(kg))
50	7.5g = 37.5mL	2.5g = 12.5mL	5g = 25mL
60	9g = 45mL	3g = 15mL	6g = 30mL
70	10.5g = 52.5mL	3.5g = 17.5mL	7g = 35 mL
80	12g = 60mL	4g = 20mL	8g = 40mL
90	13.5g = 67.5mL	4.5g = 22.5mL	9g = 45mL
100	15 g = 75mL	5g = 25mL	10g = 50mL
110 (maximum dose)	16.5 g = 82.5mL	5.5g = 27.5mL	11g = 55mL

\*Assuming concentration of acetylcysteine is 200 mg/ml

Note: All patients weighing greater than 110kg should be dosed according to a bodyweight of 110kg.

**Box 8: Acetylcysteine administration to children, based on body weight.**

<p><b>Acetylcysteine administration to children, based on body weight.</b></p> <p>Children ≤ 20kg body weight</p> <ul style="list-style-type: none"> <li>• 150mg/kg acetylcysteine in 3mL/kg 5% glucose over 60 minutes</li> <li>• Followed by 50mg/kg in 7ml/kg 5% glucose over 4 hours</li> <li>• Followed by 50mg/kg in 7mL/kg 5% glucose over 8 hours</li> <li>• Followed by 50mg/kg in 7mL/kg 5% glucose over 8 hours</li> </ul> <p>Children &gt; 20kg bodyweight</p> <ul style="list-style-type: none"> <li>• 150mg/kg acetylcysteine in 100mL 5% glucose over 60minutes</li> <li>• Followed by 50mg/kg in 250mL 5% glucose over 4 hours</li> <li>• Followed by 50mg/kg in 250mL 5% glucose over 8 hours</li> <li>• Followed by 50mg/kg in 250mL 5% glucose over 8 hours</li> </ul>
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