

N-Acetylcysteine Dosing for Adult Patients

Patient's actual weight (to nearest 10kg)	Acetylcysteine dose					
	Infusion 1 over 4 hours			Infusion 2 over 16 hours		
	Dose			Dose		
	mg	g	mL of 2 g / 10 mL	mg	g	mL of 2 g / 10 mL
Less than 40kg	Utilise Paediatric N-Acetylcysteine Dosing					
40	8,000 mg	8 g	40 mL	4,000 mg	4 g	20 mL
50	10,000 mg	10 g	50 mL	5,000 mg	5 g	25 mL
60	12,000 mg	12 g	60 mL	6,000 mg	6 g	30 mL
70	14,000 mg	14 g	70 mL	7,000 mg	7 g	35 mL
80	16,000 mg	16 g	80 mL	8,000 mg	8 g	40 mL
90	18,000 mg	18 g	90 mL	9,000 mg	9 g	45 mL
100	20,000 mg	20 g	100 mL	10,000 mg	10 g	50 mL
Greater than 110kg	22,000 mg	22 g	110 mL	11,000 mg	11 g	55 mL

Infusion fluid = **5 % Dextrose**

***Based on N-acetylcysteine formulation of 2 grams in 10 mL vial - check vials carefully**

Table based on current Australasian management recommendations:

Infusion 1 = 200mg/kg in 500ml of 5% dextrose over 4 hours **followed by**

Infusion 2 = 100 mg/kg in 1000ml 5% dextrose over 16 hours