

CHI no
 First name DOB / /
 Last name Sex: M F
 Address

or attach addressograph label here

Patient Weight

Kg

University Hospital: Hairmyres Monklands Wishaw Ward:

Acetylcysteine Intravenous Infusion Protocol and Infusion Chart for Adults

(the modified 12hr SNAP IV regimen)



Obese patients (>110kg) - Dose should be calculated using weight of 110kg rather than actual body weight.

Acetylcysteine 200mg/ml injection should be administered by intravenous infusion preferably using Glucose 5% as the infusion fluid. Sodium Chloride 0.9% solution may be used if Glucose 5% is not suitable.

Adult acetylcysteine prescription (each ampoule = 200mg/mL acetylcysteine)						
Regimen	Dose 1			Dose 2		
Fluid	200 mLs Glucose 5% or Sodium chloride 0.9%			1000 mLs Glucose 5% or Sodium chloride 0.9%		
Duration of infusion	2 hours			10 hours		
Drug dose	100 mg/kg			200 mg/kg		
Patient Weight ¹	Dose	Ampoule volume ²	Infusion Rate	Dose	Ampoule volume ²	Infusion Rate
kg	mg	mL	mL/h	mg	mL	mL/h
40-49	4600	23	112	9000	45	105
50-59	5600	28	114	11,000	55	106
60-69	6600	33	117	13,000	65	107
70-79	7600	38	119	15,000	75	108
80-89	8600	43	122	17,000	85	109
90-99	9600	48	124	19,000	95	110
100-109	10,600	53	127	21,000	105	111
≥110- Max dose	11,000	55	128	22,000	110	111

Dose 1							
ACETYL CYSTEINE (100mg/kg) given over 2 hours							
Date	Time	Drug	Dose (mg) (See table)	Ampoule volume (mL) (see table) (ampoule = 200mg/mL)	Fluid	Infusion Rate (mL/hr) (see table)	Prescriber Signature
		Acetylcysteine			200mL Glucose 5% / Sodium Chloride 0.9% (delete as appropriate)		

Dose 2							
ACETYL CYSTEINE (200mg/kg) given over 10 hours							
Date	Time	Drug	Dose (mg) (See table)	Ampoule volume (mL) (see table) (ampoule = 200mg/mL)	Fluid	Infusion Rate (mL/hr) (see table)	Prescriber Signature
		Acetylcysteine			1000mL Glucose 5% / Sodium Chloride 0.9% (delete as appropriate)		

1. Dose calculations are based on the weight in the middle of each band
2. Ampoule volume has been rounded up to the nearest whole number



Patient name:	CHI No:
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Preparation Details

Dose 1				
ACETYLCYSTEINE (100mg per kg) given over 2 hours				
Date	Time	Diluent (tick box)	Prepared by	Checked by
		Glucose 5% <input type="checkbox"/>		
		Sodium Chloride 0.9% <input type="checkbox"/>		

Dose 2				
ACETYLCYSTEINE (200mg per kg) given over 10 hrs				
Date	Time	Diluent (tick box)	Prepared by	Checked by
		Glucose 5% <input type="checkbox"/>		
		Sodium Chloride 0.9% <input type="checkbox"/>		

Administration Checks					
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Dose 1					
Date	Time	Volume Remaining	Volume Infused	Rate Setting	Checked By
		mL	mL	mL/hr	
		mL	mL	mL/hr	
		mL	mL	mL/hr	
		mL	mL	mL/hr	

Dose 2					
Date	Time	Volume Remaining	Volume Infused	Rate Setting	Checked By
		mL	mL	mL/hr	
		mL	mL	mL/hr	
		mL	mL	mL/hr	
		mL	mL	mL/hr	
		mL	mL	mL/hr	
		mL	mL	mL/hr	
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