

ADULT **Phenytoin** Loading Dose Prescription

Ward	
Unit number	
Surname	
First name	
Date of Birth	

Date	
Consultant	
Body weight	estimate or actual?

Dose to be administered is calculated on the basis of 18mg/kg (doses have been rounded for ease of administration)
 Use phenytoin solution 250mg in 5mls (dose volumes have been rounded for ease of measurement)

Please CIRCLE appropriate weight, dose and volume and SIGN the corresponding prescription row

Actual body weight (kg)	Phenytoin dose 18mg/kg (rounded) body weight (mg)	Phenytoin loading dose administration				Prescriber signature	Admin. by	Checked by	Date	Start Time
		volume of phenytoin concentrated solution 250mg/5ml to prepare dose	volume of sodium chloride 0.9%	Total Volume	Rate of administration					
		DRAW UP	ADD TO	INFUSE	SET PUMP AT					
40-41	700	14 ml	100 ml	114 ml	342 mls/hr					
42-44	750	15 ml	100 ml	115 ml	345 mls/hr					
45-49	800	16 ml	100 ml	116 ml	348 mls/hr					
50-55	900	18 ml	100 ml	118 ml	354 mls/hr					
56-60	1000	20 ml	100 ml	120 ml	360 mls/hr					
61-66	1100	22 ml	250 ml	272 ml	544 mls/hr					
67-71	1200	24 ml	250 ml	274 ml	548 mls/hr					
72-77	1300	26 ml	250 ml	276 ml	552 mls/hr					
78-83	1400	28 ml	250 ml	278 ml	556 mls/hr					
84-88	1500	30 ml	250 ml	280 ml	420 mls/hr					
89-94	1600	32 ml	250 ml	282 ml	423 mls/hr					
95-99	1700	34 ml	250 ml	284 ml	426 mls/hr					
100	1800	36 ml	250 ml	286 ml	429 mls/hr					

Rate of infusion is 1mg/kg/minute to a maximum of 50mg/minute. An infusion pump **MUST** be used
 Infusions must be administered using a 0.22micron in line filter due to risk of crystallisation of phenytoin. ECG and blood pressure **MUST** be monitored
 Start date and time **MUST** be specified on maintenance prescriptions. First maintenance dose **MUST NOT** be given within 8 hours of the loading dose