

Alteplase for Treatment of Pulmonary Embolism

Using alteplase with concentration of 1mg/ml

1. Administration of Alteplase for PE should be sanctioned by either a consultant or registrar
2. Dose (>65kg): 10mg as IV bolus over 1-2 mins, followed by 90mg as IV infusion over 2hrs
3. In patients <65kg, total dose should not exceed 1.5mg/kg
4. Maximum dose is 100mg

Body Weight (kg)	Total Dose (mg)	Initial bolus (mg) (1-2mins)	IV infusion Dose (mg) (2 hours)	Infusion rate (mL/hr)
40	60	10	50	25
42	63	10	53	26.5
44	66	10	56	28
46	69	10	59	29.5
48	72	10	62	31
50	75	10	65	32.5
52	78	10	68	34
54	81	10	71	35.5
56	84	10	74	37
58	87	10	77	38.5
60	90	10	80	40
62	93	10	83	41.5
64	96	10	86	43
66	100	10	90	45
68	100	10	90	45
70	100	10	90	45
72	100	10	90	45
74	100	10	90	45
76	100	10	90	45
78	100	10	90	45
80	100	10	90	45
82	100	10	90	45
84	100	10	90	45
86	100	10	90	45
88	100	10	90	45
90	100	10	90	45
92	100	10	90	45
94	100	10	90	45
96	100	10	90	45
98	100	10	90	45
100	100	10	90	45

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542