

Body Weight/ Dose Chart for Alteplase (Actilyse) 1mg/ml

WGH, SJH

Body Weight (Kg)	Approx. Body Weight (Imperial)	Total rTPA dose (mg)	IV Bolus 10% of total dose (ml)	IV Infusion 90% of total dose (ml/hr)	No. of 50mg rTPA vials required	Dose Selected (Tick)
40	6st 4	36	4	32	1	
42	6st8	38	4	34	1	
44	6st13	40	4	36	1	
46	7st3	41	4	37	1	
48	7st7	43	4	39	1	
50	7st12	45	5	40	1	
52	8st2	47	5	42	1	
54	8st7	49	5	44	1	
56	8st11	50	5	45	2	
58	9st1	52	5	47	2	
60	9st6	54	5	49	2	
62	9st10	56	6	50	2	
64	10st1	58	6	52	2	
66	10st5	59	6	53	2	
68	10st9	61	6	55	2	
70	11st	63	6	57	2	
72	11st4	65	6	59	2	
74	11st9	67	7	60	2	
76	11st13	68	7	61	2	
78	12st3	70	7	63	2	
80	12st8	72	7	65	2	
82	12st12	74	7	67	2	
84	13st3	76	8	68	2	
86	13st7	77	8	69	2	
88	13st12	79	8	71	2	
90	14st2	81	8	73	2	
92	14st6	83	8	75	2	
94	14st11	85	8	77	2	
96	15st1	86	9	77	2	
98	15st6	88	9	80	2	
100	15st10	90	9	81	2	

> 100 kg, use 90 mg maximum

PATIENTS MUST BE CONTINUOUSLY MONITORED PRIOR TO AND DURING DRUG ADMINISTRATION and for at least 24 hrs following administration.

1. Total dose: 0.9mg/kg, based on actual or estimated body weight. Maximum dose is 90mgs.
2. Reconstitute 50mg Alteplase vial(s) with 50mls of Water For Injection via the transfer spike to give a solution with concentration 1mg/ml.
3. Initial 10% of total dose given as an IV manual push over 2mins administered with an experienced doctor present.
4. Administer remaining 90% of total dose, commencing immediately after initial bolus, and delivered over 60 minutes. (Infusion rate is same as dose in mg, in mls/hour)
5. If infusion dose is >60ml, second syringe required.