

Weight

How many tPA boxes?

40-55kg requires 1x 50mg box alteplase (Actilyse)

56-66kg requires 1x 50mg box **and** 1x 10mg box alteplase (Actilyse)

67-77kg requires 1x 50mg box **and** 2x 10mg boxes alteplase (Actilyse)

78-88kg requires 1x 50mg box **and** 3 x 10mg boxes alteplase (Actilyse)

89kg and over requires 2x 50mg boxes alteplase (Actilyse)

Patient Weight (kg)	Total dose@ 0.9mg/kg (mg)	Vol. of 1mg/ml Alteplase	
		10% Bolus (ml)	90% Infusion (ml)
40	36	3.6	32.4
41	36.9	3.7	33.2
42	37.8	3.8	34.0
43	38.7	3.9	34.8
44	39.6	4.0	35.6
45	40.5	4.1	36.4
46	41.4	4.1	37.3
47	42.3	4.2	38.1
48	43.2	4.3	38.9
49	44.1	4.4	39.7
50	45.0	4.5	40.5
51	45.9	4.6	41.3
52	46.8	4.7	42.1
53	47.7	4.8	42.9
54	48.6	4.9	43.7
55	49.5	5.0	44.5
56	50.4	5.0	45.4
57	51.3	5.1	46.2
58	52.2	5.2	47.0
59	53.1	5.3	47.8
60	54.0	5.4	48.6
61	54.9	5.5	49.4
62	55.8	5.6	50.2
63	56.7	5.7	51.0
64	57.6	5.8	51.8
65	58.5	5.9	52.6
66	59.4	5.9	53.5
67	60.3	6.0	54.3
68	61.2	6.1	55.1
69	62.1	6.2	56.0
70	63	6.3	56.7
71	63.9	6.4	57.5
72	64.8	6.5	58.3
73	65.7	6.6	59.1
74	66.6	6.7	59.9
75	67.5	6.8	60.7
76	68.4	6.8	61.6
77	69.3	6.9	62.4
78	70.2	7.0	63.2
79	71.1	7.1	64.0
80	72.0	7.2	64.8
81	72.9	7.3	65.6
82	73.8	7.4	66.4
83	74.7	7.5	67.2
84	75.6	7.6	68.0
85	76.5	7.7	68.8
86	77.4	7.7	69.7
87	78.3	7.8	70.5
88	79.2	7.9	71.3
89	80.1	8.0	72.1
90	81.0	8.1	72.9
91	81.9	8.2	73.7
92	82.8	8.3	74.5
93	83.7	8.4	75.2
94	84.6	8.5	76.1
95	85.5	8.6	76.9
96	86.4	8.6	77.8
97	87.3	8.7	78.6
98	88.2	8.8	79.4
99	89.1	8.9	80.2
100kg & over	90.0	9.0	81.0