

ELMHURST HOSPITAL CENTER

Class:
Thrombolytic

Drug: Alteplase, Recombinant (Activase, tPA).
100mg vial accompanied by 100 ml diluent (SWFI*).

Suggested Regimen:

1. Acute Myocardial Infarction (MI)

The recommended total dose is based upon patient weight not to exceed 100mg. Initially administer a bolus dose of 15mg IVP>2min, followed by 0.75mg/kg infused over the next 30min, not to exceed 50mg, and then 0.50mg/kg over the next 60min, not to exceed 35mg.

2. Pulmonary Embolism

The recommended dose is 100mg administered by intravenous infusion over two hours.

Comments:

Administered only in ER, ICUs, & B6 by credentialed physicians.

Mixing

Info: 100mg of Alteplase with 100ml diluent resulting in 1mg/ml solution

You can dilute further with 100ml compatible solution resulting in 0.5mg/ml solution.
Compatible solutions: D₅W or NaCl 0.9%

Conc: 1mg/ml

		Infusion Rate (ml/hr)													
Wt (lbs)	88	99	110	121	132	143	147	154	165	176	187	198	209	220	
Wt (kg)	40	45	50	55	60	65	67	70	75	80	85	90	95	100	
Dose(mg/kg)															
0.5	20	22.5	25	27.5	30	32.5	33.5	35	35	35	35	35	35	35	
0.75 **	60	67.5	75	82.5	90	97.5	100	100	100	100	100	100	100	100	

* SWFI = sterile Water for Injection

** infused over 30 minutes

Ref. Thrombolytic Protocol, Package Insert.