

Name:

MRN:

Alteplase (t-PA) Stroke Dose Calculator

High Alert Medication. Requires 2 RN independent double check

Patient's weight is Kg

t-PA Stroke Dose (Concentration = 1mg/ml)			
Weight in Kg (Max is 100 kg)		Kg	
Total dose = weight in Kg x 0.9 (max is 90ml)		ml	<u>Less than or equal to 90ml</u>
Amount to discard = (100ml – total dose)		ml	<u>Greater than or equal to 10ml</u>
Withdraw bolus dose from the vial AFTER removing the amount to discard			
Bolus dose in syringe = (Total dose x 10%)		ml	<u>Less than or equal to 9ml</u>
Remaining dose in bottle = (Total dose – bolus)		ml	<u>Less than Total dose</u>