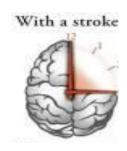
## Quick reference for THROMBOLYTIC THERAPY Alteplase - t-PA:



## t-PA Calculations:

Maximum dose is 90 mg

**Total dose to administer:**  $0.9 \text{mg} \times X \text{ kg} = \text{Total dose mg/kg}$ 

• Ex.  $0.9 \text{mg} \times 75.5 \text{kg} = 67.9 \text{mg/kg}$ 

*Calculate total dose to discard:* Total dose in THROMBOLYTIC THERAPY vial – total dose of THROMBOLYTIC THERAPY to administer = dose to discard.

• Ex. 100ml - 68ml = 32ml

*Calculate bolus dose:* take total dose to infuse and divide it by 10.

• Ex. 68ml / 10 = 6.8ml

**Dose to infuse:** total dose to infuse minus bolus dose will = infusion dose

• Ex. 68ml - 6.8ml = 61.2ml

**Bolus** dose = 6.8 ml

*Final dose to infuse over 1 hour via pump* = 61.2ml

\*NOTE: Flush must be infused at same rate as t-PA & completed within the 60 minutes. (DNV will be observing to see if waste is removed and if flush is infused within the 60-minute timeframe.)

## **Supplies needed:**

THROMBOLYTIC THERAPY:

t-PA- t-PA kit, Pump, 100ml saline, primary tubing, syringe, and manual BP cuff

Always refer to MV-02-053 stroke policy for the most current, up to date information

Reference: 2017 Genentech, Inc. Activase Altepase. Dosage and Administration guidelines Alteplase [Package Insert]. San Francisco, CA. Genetech, Inc. 2018;