

# Tenecteplase Kit for Acute Ischemic Stroke



## Kit Contents:

- 1 – Tenecteplase 50 mg vial
- 1 – Preservative Free Sterile Water 10 mL vial
- 2 – Alcohol swabs
- 1 – 10 mL syringe for dilution
- 2 – Needleless Med Prep Cannula
- 1 – 5 mL syringe for administration
- 1 – Tenecteplase Stroke Dilution, Dosing & Admin Card
- 1 – Label for Tenecteplase Stroke syringe bolus (custom label # 12767)

## Tenecteplase Dilution, Dosing & Admin Information

# Acute Ischemic Stroke



### Dilution Instructions:

- Dilute 50 mg vial with 10 mL preservative free sterile water to = 5 mg/mL.
- SWIRL GENTLY - DO NOT SHAKE.

### Dosing:

- Confirm dose calculation with dose on MAR
- Stroke Dose: 0.25 mg/kg (actual body weight)
- **Maximum Dose = 25 mg**

*Example Dose Calculation: 70 kg patient:  $70 \text{ kg} \times 0.25 \text{ mg/kg} = 17.5 \text{ mg}$ ,  $\frac{17.5 \text{ mg}}{5 \text{ mg/mL}} = 3.5 \text{ mL}$*

*Dose Calculation: \_\_\_\_\_ kg patient: \_\_\_\_\_ kg x 0.25 mg/kg = \_\_\_\_\_ mg (max dose 25 mg)*

*Volume to draw up in 5 mL syringe:  $\frac{\text{mg}}{5 \text{ mg/mL}} = \text{mL}$*

### Dosing Chart for Double Check

Patient Weight (kg)	DOSE RANGE Tenecteplase dose (mg) in this weight range	VOLUME RANGE Volume Tenecteplase to be administered (mL)
60 kg or less	15 mg or less	3 mL or less
61 kg to 70 kg	15.5 - 17.5 mg	3.1 - 3.5 mL
71 kg to 80 kg	18 - 20 mg	3.6 - 4 mL
81 kg to 90 kg	20.5 - 22.5 mg	4.1 - 4.5 mL
91 kg or greater	23 - 25 mg	4.6 - 5 mL

### Administration:

- DOSE IS NEVER the FULL Vial - Do **NOT** administer entire contents of vial
- Flush line with 10 mL 0.9% Sodium Chloride before & after administration
- Administer IV Push over 5 seconds

# Tenecteplase Kit for Myocardial Infarction (MI)

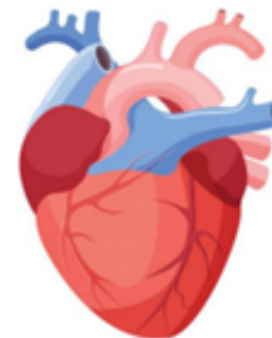


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- 2 – Alcohol swabs
- 1 – 10 mL syringe for dilution
- 2 – Needleless Med Prep Cannula
- 1 – 10 mL syringe for administration
- 1 – Tenecteplase MI Dilution, Dosing & Admin Card
- 1 – Label for Tenecteplase MI syringe bolus (custom label # 12768)

## Tenecteplase Dilution, Dosing & Admin Information

# Myocardial Infarction



### Dilution Instructions:

- Dilute 50 mg vial with 10 mL preservative free sterile water to = 5 mg/mL.
- SWIRL GENTLY - DO NOT SHAKE.

### Dosing:

- Confirm dose on MAR
- **Maximum Dose = 50 mg**

Patient Wt (kg)	Tenecteplase Dose (mg)	Volume of Tenecteplase to be administered
< 60 kg	30 mg	6 mL
≥60 - <70 kg	35 mg	7 mL
≥70 - <80 kg	40 mg	8 mL
≥80 - <90 kg	45 mg	9 mL
≥ 90 kg	50 mg	10 mL

### Administration:

- Flush line with 10 mL 0.9% Sodium Chloride before & after administration.
- Push over 5 seconds