

Catheter Directed Thrombolysis (CDT) of Iliofemoral Deep Vein Thrombosis (DVT)

ALTEPLASE

PRESENTATION : Vials containing 20mg of alteplase

INDICATION : Thrombolysis of Iliofemoral deep vein thrombosis

DOSE AND ADMINISTRATION : **HDU STANDARD INTRAVENOUS INFUSION**

Alteplase 20mg vial reconstituted with 20ml sodium chloride (both vials as standard pack). To produce 20mls of 1mg/ml solution.

Dilute solution in 480mls of sodium chloride 0.9%.
(Note remove 20mls of sodium chloride out of 500ml infusion bag first).

The solution to administer is 0.04mg/ml of Alteplase.

Dosing 0.01mg/kg/hr
Rate of infusion is determined as per example below :

E.g. 70kg patient
 $70 \times 0.01 = 0.7 \text{ mg / hr}$
 $0.7 / 0.04 = 17.5 \text{ mls / hr}$
Starting rate of infusion would be 17.5mls/hr for this example.

CONCENTRATION : **0.04mg/ml (minimum concentration)**
STABILITY : **24 hours**

References

1. Alteplase vials. Summary of Product Characteristics. Boehringer Ingelheim Limited. www.emc.medicines.org.uk. Accessed 11.4.14
2. Trissel®. IV compatibility detail.[website].Micromedex. www.micromedexsolutions.com Accessed 23.06.15

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