



# Adjusting Heparin Intravenous Infusions when APTT more than 200 seconds FOR MEDICAL OFFICERS

**STOP**  
INFUSION  
FOR **90**  
**minutes**

**90 minutes**

**Re-take APTT  
then restart infusion at  
reduced/amended rate**  
DO NOT WAIT FOR RESULT

**When APTT available**

**APTT  
more  
than  
200**

Check for active signs  
of bleeding  
**AND** check

- Actual body weight (not estimate) has been used for dose calculations
- Previous bolus and/or infusion rate calculations are correct
- Rate running on infusion pump is correct

- Blood sample taken correctly (from the non-heparin infusing arm)

Are these  
details correct  
on the initial  
order of IV  
heparin?

**YES**

**NO**

Initial infusion rate was **TOO HIGH**. A dose rate **reduction** is required (-3units/kg/hr) when restarting the infusion **after 90 minutes**.

**RECTIFY** the issue and **RECALCULATE** the infusion rate. Use the **amended** rate when restarting the infusion **after 90 minutes**.

**APTT >200**  
**STOP INFUSION** for a further 90 minutes, then recheck APTT **before** recommencing infusion at reduced/amended rate.

**Seek senior  
medical advice**

**APTT <200**  
(including sub-therapeutic)  
Continue infusion at current amended /reduced rate.  
**If sub-therapeutic**  
**APTT, DO NOT**  
**RE-BOLUS or**  
**ADJUST RATE**

Recheck APTT again 4 hours after recommending infusion and manage per nomogram