

INTRAVENOUS HEPARIN PRESCRIPTION CHART

BURTON ONLY

Surname:

Name:

Hospital number:

Date of birth:

INFUSION PRESCRIPTION (FOR INTRAVENOUS HEPARIN ONLY)
Heparin 25,000 units to be made up to 50 ml with 0.9% sodium chloride

DR. SIGNATURE:

Name in print:

Bleep number:

INFUSION RATE PRESCRIPTION & SETTING (must be reviewed & prescribed at least daily)

Date:	Time:	APTT ratio:	Rate units/hr:	Rate ml/hr:	Doctor's Signature:	Rate set by:	Rate checked by:

INFUSION PREPARATION & CHECKING

Date:	1.	2.	3.	4.	5.	6.	7.
Time:							
Made up by:							
Checked by:							
Date:	8.	9.	10.	11.	12.	13.	14.
Time:							
Made up by:							
Checked by:							

SCHEDULE:

- For most situations, an APTT ratio of 1.5 -2.5 is optimal.
- Take a baseline APTT before commencing heparin. If ratio >1.3, contact haematology for advice.
- Give loading dose of 5,000 units intravenously over five minutes (or 80 units/kg).
- Start the infusion at 1,400 units/hr (2.8 ml/hr) intravenously (or 18 units/kg/hr).
- Check APTT ratio after six hours and adjust **dose according to APTT ratio** (see below).
- Continue to check APTT six hourly for the first 24 hours.
- When stabilised, measure APTT ratio and prescribe heparin every 12 hours.

DOSE ADJUSTMENT ACCORDING TO APTT RATIO

APTT ratio:	
>7	Stop for 30 mins, then reduce by 500 units/hr (1 ml/hr) and repeat APTT ratio after 4 hours.
5.1 – 7.0	Reduce by 500 units/hr (1 ml/hr)
4.1 – 5.0	Reduce by 300 units/hr (0.6 ml/hr)
3.1 – 4.0	Reduce by 100 units/hr (0.2 ml/hr)
2.6 – 3.0	Reduce by 50 units/hr (0.1 ml/hr)
1.5 – 2.5	No change
1.2 – 1.4	Increase by 200 units/hr (0.4 ml/hr)
<1.2	Increase by 400 units/hr (0.8 ml/hr)

NB: DO NOT TAKE APTT SAMPLE FROM THE SAME ARM/SITE WHERE THE HEPARIN INFUSION IS!

Document Controls:

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