



QRG – Ordering Heparin infusions				
No.	Action	Responsibility		
1.	From the Request / Care Plans tab in PowerChart click on +Add and type in "heparin" Search: heparin Neparin Image: Construction Image: Construction Type: Image: Construction Image: Construction Type: Image: Construction Image: Construction Image: Construction Im	Doctor / NMP		
2.	Click on the Powerplan and select Done to open the plan	Doctor / NMP		
3.	In the plan navigate to the section for treatment of thromboembolic events with Heparin Component Satus Data Component Compon	Doctor / NMP		
4.	Please select all three orders for heparin in this section as these cover the initial IV bolus, the infusion itself and the PRN dose of 5000 units should APTT Ratio fall below 1.2 Heparin infusion needs to be ordered at the same time as the loading dose. Heparin DOSE: 5,000 unit - ROUTE: intraVENOUS - injection - once ONLY - Give by Loading dose pre-infusion Heparin 20,000 units in 48mL Sodium Chloride 0.9% Heparin APTT ratio 1.5-2.5 See table for titration. If rate is changed, APTT Maintain APTT ratio 1.5-2.5 See table for titration. If rate is changed, APTT Heparin DOSE: 5,000 unit - ROUTE: intraVENOUS - injection - as required PRN for O If APTT Ratio < 1.2	Doctor / NMP		





5.	In addition, laboratory tests can be ordered from this plan as required. Select the required tests and complete details as necessary.	Doctor / NMP
	Laboratory Monitoring of LMWH: Platelet count (FBC) should be checked on day 7 and day 14 of treatment. Monitoring of Heparin: APTT should be checked before starting treatment, and checked 2-4 hours after starting treatm needed in cardiac/hepatic failure or the majority of patients with renal failure and in patients with a higher risk of bleed Clotting screen, blood Urea and electrolytes, blood Anti-factor Xa, blood APTT, blood Full blood count	
	needed in čardiać/hepatic failure or the majority of patients with renal failure and in patients with a higher risk of bleeding e.g. Thrombocýtopenia. * * Collection DT/TMc 05/Jan/18 10:53 GMT	
	Patient Category: NHS Clinical Trial Name: Copy to GPA: C Yes C No	
6.	Please note that the Heparin infusion order requires a measured weight. To check if this has already been documented in Assessment / Fluid Balance and pulled through into the order (and to enter it manually if not), right-click on the order and select Modify. Heparin infusion needs to be ordered at the same time as the loading dose. Heparin DOSE: 5,000 unit - ROUTE: intraVENOUS - injection - once ONLY - Give Loading dose pre-infusion DOSE: 48 mL - ROUTE: intraVENOUS - injection - once ONLY - Give Loading dose pre-infusion Heparin 20,000 units in 48mL Sodium Chloride 0.9% DOSE: 48 mL - ROUTE: intraVENOUS - injection - as required PRN fr Heparin Laboratory Monitoring of LMWH: Platelet count (FBC) should be checked on day 7 and day 14 of treatment.	Doctor / NMP
7.	This opens the heparin infusion order details. If a weight has not pulled automatically into this section, it can be added manually at this point (in kg) to complete the order.	Doctor / NMP
	Details for Unfractionated Heparin for Infusion 20,000 unit [1041.67 unit/hour] + Sodiu Details Continuous Details Offset	





8.	■ Details for Unfractionated Heparin for Infusion 20,000 unit [1041.67 unit/hour]	Doctor / NMP
	😭 Details 👔 🗊 Continuous Details 🕼 Offset Details	
	Base Solution Bag Volume Bate Infuse Over	
	Sodium Chloride 0.9% Infusion (cont.) 48 mL 2.5 mL/hour 19.2 hours	
	Vunfractionated Heparin for Infusion 20,000 unit 🕞 1041.67 unit/hour 1041.67 unit/hour Every Bag	
	I Total Bag Volume 48 mL	_
	Weight: Weight Type: Result dt/tm:	
	75 Kg - Manually Entered 05/Jan/2018 10:48:43 GMT	
	Infusion instructions	L
9.		Doctor / NMP
	Click Orders For Signature	
10.	Sign	Doctor / NMP
	Review orders and if correct click	
	⊿ RD8-GH Ward 18: Bay E: 01 Fin#:3611730 Admit: 04/Jan/2018 11:21 GMT	
	△ Continuous	O'
	for Infusion 20,000 un GMT Maintain APTT ratio 1.5-2.5 See table for titration. If rate is changed, APTT sh	DU
	🖉 Wedications	w
	GM I Loading dose pre-infusion B S Heparin Order 05/Jan/2018 10:49 DOSE: 5,000 unit - ROUTE: intraVENOUS - injection - as required PRN for OTH	IEF
	GMT If APTT Ratio < 1.2	
11.	Please note that the rate of 2.5mL/hour is the starting rate as per policy. Nurses /	Doctor / NMP
	and will document this accordingly	
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12.	Navigate to Drug Chart and confirm that the order displays correctly.	Doctor / NMP
	ratios.	
	N.B. in order to see all three Heparin orders grouped together; select "Therapeutic	
	Class" in the Drug Chart.	
	udy - STARK: 05/JdR/10 00:00:00 GMT, Pfarmady Within 10 Within 10 Supple TO 04.01 CL days	
	Clopidogrel	
	Ta 🕞 🔁 5,000 unit Heparin Not given	
	DOSE: 5,000 unit - ROUTE: intraVENOUS - Within 10 injection - once ONLY - Give by slow IV bolus days. over 3,5 minutes, - TARE 05/and 18 10:4900	
	GMT - STOP: 05/Jan/18 10:49:00 GMT Loading dose pre-infusion	
	Heparin Administra Unfractionated Heparin for Infusion 20,000 unit [1,041.67 unit/hour] + Sodium	
	Softim Ch DOSE: 48 mL - ROUTE: intraVENOUS - infusion - RATE: 2.5 mL/hour - INFUSE	
	DOSE: 48 m/OVER: 19.2 hours - START: 05/Jan/18 10:50:00 GMT - RATE: 2.5 - START: 05/Jan/18 10:50:00 GMT	
	Maintain A Maintain A Should be checked within 2-4 hours. Monitoring should be done every 2-6 Administral pours if no changes have been made. Dosage Adjustments	
	Heparin APTT ratio Action Sodium chi <1.2 Increase by 1.0ml/hour after extra bolus of 5000 units IV	
	Image: Text of the second s	
	injection - 26-3.0 Decrease by 0.1ml/hour Order Com 31-4.0 Decrease by 0.2ml/hour	
	If APTR Rati 51-7.0 Decrease by 1.2ml/hour Hearin > 7.1 Stor for Jour then reduce by 1.2ml/hour	
	Administra Bleeding Stop infusion: Consider PROTAMINE Over rapid Stop for 2 hours, resume at correct rate	