

## Haematology Minimum Retesting Intervals<sup>i</sup>

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These recommendations should not be used in paediatric/neonatal patients unless specifically stated.

## Haematology general

1. Haematology general				
Clinical Situation	Recommendation			
1.1. Full blood count (FBC)	Full blood count refers to the measurement of Haemoglobin, White cell count and Platelet count unless otherwise stated			
Normal follow up	A repeat would be indicated on clinical grounds if there were a significant change in that patient's condition			
Inpatient monitoring of a stable patient	An inpatient with a normal admission FBC should not have a repeat within the average length of stay of 4 days			
Inpatient monitoring of an unstable patient who is not actively bleeding or a patient receiving cytotoxic drugs	Not usually required more than once daily			
Patients with major bleeding	Repeat interval should be determined by the clinical situation. Should be repeated at least every hour in massive haemorrhage			
Pregnant on haematinic supplements (iron, folate, B12)	Repeat after at least 14 days			
Routine pregnancy monitoring	At booking, 28 weeks and postpartum			
Immune thrombocytopenia in pregnancy	Every 4 weeks and then every 2 weeks after 28 weeks			
Hypertensive disorders of pregnancy* *FBC in combination with renal and liver	Once only if moderate antenatal gestational hypertension (<160/110) without proteinuria.			
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	Weekly if severe gestational hypertension.			
	Twice weekly if mild antenatal hypertension with pre-eclampsia, three times weekly if moderate to severe. As clinically indicated in peripartum period (may require multiple repeats over 24 hours) and then repeat 48 hours after delivery/step down from critical care and stop monitoring if normal values			
Inpatients with suspected platelet alloantibodies or receiving HLA matched platelets	A repeat 1 hour after completion of platelet transfusion			
Patients with anaemia of chronic kidney	Every 2–4 weeks in the induction phase of ESA therapy and every			
disease	1–3 months in the maintenance phase of ESA therapy			
1.2. Erythrocyte sedimentation rate (ES	SR)			
Temporal arteritis/ polymyalgia rheumatica	Every 3 months following first month of treatment			
Rheumatoid arthritis	Every month until treatment has controlled the disease (NICE CG79 recommends use of CRP)			



Haematology clotting

Recommendation
Basic clotting screen refers to the combined measurement of PT and APTT unless otherwise stated.
Repeat interval should be determined by the clinical situation. Should be repeated at least every hour in massive haemorrhage
Usually no more than daily if not receiving coagulation factors and no active bleeding
e in seconds
Every 3 months if otherwise stable
No more than once daily
No more than once daily
Usually no more than once weekly and up to 12 weeks when very stable
Repeat only after at least 6 hours following IV dose and the
following day after an oral dose
Repeat within an hour of administration
APTT)
Repeat 6 hours after dose adjustment (2 hours if previous APTT ratio >5.0) and daily when APTT in the target range
Repeat 2 hours after each dose adjustment then daily when in the target range
Usually no more than daily if not receiving coagulation factors and no active bleeding
Repeat interval should be determined by the clinical situation. Should be repeated at least every hour in massive haemorrhage
At least 3 days after initiation or dose adjustment then no more than once weekly if the dose is unchanged
Repeat after 12 weeks if abnormal
At least 7 days after stopping anticoagulation
Refers to the measurement of antigen and/or activity of a coagulation factor (procoagulant or anticoagulant)
An abnormal result can be repeated for confirmation at a
clinically appropriate interval
An assay immediately before and up to 60 minutes after administration and then as clinically indicated, usually no
more than once daily (either trough, peak or both)
After every 3rd factor exposure day (ED) or every 3 months (whichever is sooner) until 20 ED then every 3–6 months until 150 ED (then 1–2 times per year in severe haemophilia A only)

	Pathology Haematology	RWF-BS-HAEM-LI55 Revision 1.0	Maidstone and Tunbridge Wells NHS Trust
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Clinical Situation	Recommendation
Surveillance after change of factor	Before the change and then twice in the first 6 months after
concentrate in severe haemophilia A	the change
Surveillance in patients with moderate or mild	Annually if exposed to factor concentrate or after intensive
haemophilia A	exposure (>5ED) or surgery
Monitoring of immune tolerance therapy (ITT)	Monthly
during treatment	
After completion of successful ITT	Monthly for 6 months then every 2 months for up to a year
Monitoring patients with newly diagnosed	Monthly until 6 months after remission
acquired coagulation factor inhibitor	

<sup>&</sup>lt;sup>i</sup> Source: Royal College of Pathologists *National minimum retesting intervals in pathology.* London: Royal College of Pathologists, 2015