

## 1. Critical Results

The following FBC and blood film findings are deemed critical if first presentation or there is a significant change in previous results. Critical results are first communicated to the Haematology Registrar who will then contact the Clinical Team.

Parameter	Result
White cell count	$>100 \times 10^9/L$
Neutrophils	$<0.5 \times 10^9/L$
NRBCs	$>5.0 \times 10^9/L$ in child of age $<1$ month
Platelet count	$<30 \times 10^9/L$
Haemoglobin	$<60g/L$ (excluding trauma and bleeding) Significant unexplained drop (approximately half in a 24-hour period) in the patient's haemoglobin from previous
Blood film	Presence of fragmented red blood cells and/or spherocytes Presence of blast cells, possible blasts and lymphoma cells

## 2. Urgent results to be phoned (non-critical)

The following results will be phoned direct to the referring clinician or department if first presentation or there is a significant increase/decrease in results from the previous.

Parameter	Result
Platelet count	$>30 \times 10^9/L$ and $<100 \times 10^9/L$ $>800 \times 10^9/L$
Haemoglobin	$>60g/L$ and $<80 g/L$ $>200g/L$ for an adult $>220g/L$ for newborn/paediatric
White cell count	$>30 \times 10^9/L$ and $<100 \times 10^9/L$ $<2.0 \times 10^9/L$
Neutrophils	$>0.5 \times 10^9/L$ and $<1.0 \times 10^9/L$
ESR	All results for temporal arteritis phoned as a matter of urgency

### 3. Other Urgent Results

**Unexplained changes in results:** requestor may be phoned in order to obtain additional information to explain changes. A repeat sample may be necessary to confirm results.

**Positive malaria tests:** first presentation or an increase in parasite count from previous will be phoned to the Microbiology Registrar/Consultant, who will then communicate to the Clinical Team.