

## Hematology Department

Hematology	Low	High
*HCT (packed cell volume)	< 15 %(inpatients) <25%(outpatients)	> 60 % (outpatients)
*Hb	0-7weeks ≤6.0g/dl >7weeks ≤6.0g/dl	0-7weeks ≥24.0g/dl >7weeks ≥20.0g/dl
*Platelet count (adult )	<40000 cu/mm	>1000000 cu/mm
*Platelet count (pediatric )	<20000 cu/mm	>1000000 cu/mm
*WBC	<1500 cu/mm	>50000 cu/mm
*Arterial pCO2	< 20 mm Hg	> 60 mm Hg
*Arterial pH	< 7.25 U	> 7.55 U
*Arterial pO2 (adult )	< 60 mm Hg	600 mm Hg
*Arterial pO2 (Newborns)	< 37 mm Hg	90 mm Hg (SD=12)
*Bicarbonate	<15 mEq /L	>40 mEq /L
Malaria	Seen organisms	
*WBC in CSF	None	>100 cu/mm
Presence of malignant cell or blast or any other body fluid	None	>100 cu/mm
*Presence of blast cells , sickle cells		
* New diagnosis of leukemia , sickle cell anemia , Aplastic crisis		
*Incompatible cross match		
*Positive direct & indirect anti globulin (Coombs ' ) test on cord blood		
*Titers of significant RBC alloantibodies during pregnancy		
*Transfusion reaction workup showing incompatible unit of transfused blood		
*Failure to call within 72 hrs for Rh Ig after possible or known exposure to Rh- positive RBCs		
<p><b>Reference:</b>  <a href="http://www.Aruplab.com">www.Aruplab.com</a> , <a href="http://www.mayomedicallaboratories.com">www.mayomedicallaboratories.com</a>            Some data form Emmancipator K.Critical values .ASCP practice parameter .Am J Clin Pathol 1997,108 :24</p>		