## CBC Summary

<table>
<thead>
<tr>
<th>Cell type</th>
<th>Function</th>
<th>Normal</th>
<th>Decreased Level</th>
<th>When decreased what to look for</th>
</tr>
</thead>
</table>
| White blood cells (WBC)| Fight infection     | 5,000-10,000 | <500 = neutropenia | • Fever of 100.4°F (38°C) 2 times in 24 hours  
• Fever of 101.3°F (38.5°C) or greater once  
• Chills or sweating  
• Redness or swelling of any open areas on body  
• Any other signs of infection |
| Red blood cells (RBC)  | Carry oxygen        | Hemoglobin  (Hgb) 11 - 14  
Hematocrit (Hct) 31% - 43%  
<7  
<20% | • Increasing paleness  
• Loss of energy  
• Shortness of breath  
• Complaints of dizziness  
• Headaches |
| Platelets              | Control bleeding    | 150,000-450,000  
10,000 – 20,000 | • Easy bruising  
• Bleeding gums  
• Nose bleed |

For more information, please refer to the Blood Counts teaching sheet.

### Contact Us

**For patient care assistance, please call the following phone numbers:**

- Jimmy Fund Clinic (617) 632-3270  
Business Hours 8 a.m. to 5 p.m., Monday through Friday
- Page Operator (617) 632-3352  
Off hours: weekdays after 5 p.m., holidays, and weekends  
Page pediatric hematology/oncology fellow on call
- Life Threatening Emergencies dial 911