Blood Disorders

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
|  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |
|  |  |  |  | 11 |  |  |  | 12 |  |  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 18 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 20 |
|  |  |  |  |  |  | 21 |  |  |  | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 23 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  | 25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 26 |  | 27 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 28 |  |  |  |  |  |  |  |  |  |  |  | 29 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 31 |  |  |  |  |  |  |  |  |  | 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 34 |  |  |  |  |  |  |  | 35 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **1.** Precursors to platelets  **4.** Abnormally low # of lymphocytes in the blood  **6.**  Large cells with a bean-shaped or indented nucleus  **7.**  Referred to as "tired blood"  **13.** A rare serious disease involving the destruction of bone marrow  **15.**  Small round cells with a round nucleus that nearly fills the cell with a narrow rim of cytoplasm  **22.** Protect the body against foreign invaders  **24.** NEVER use this drug for a patient with bleeding disorders  **25.** Inadequate production of red cells, white cells, and platelets  **28.**  Deficiency of this is common in alcoholics and individuals with celiac diseases  **30.**  The fluid portion of the blood  **31.** Destruction of blood cells  **32.**  The amount of oxygen-carrying capacity is reduced due to either too few red blood cells or too little hemoglobin  **33.** A blood disorder with a deficiency of vitamin B12  **34.** Erythropoietin is produced in the?  **35.** Raised blood cholesterol(lipid or fat levels)  **36.** Type of blood cancer that causes the body to produce too many immune system cells called lymphocytes | **Down**  **2.** Disorders result from a deficiency of factor VIII?  **3.** A blood infection is present  **5.** Also known as "Christmas Disease"  **8.**  Abnormal white cell replication in the bone marrow  **9.**  Implies an increase in the # and concentration of red blood cells above the normal level  **10.** Malignant neoplasms involving lymphocyte proliferation in the lymph nodes  **11.** Pulmonary embolism is most closely related to  **12.**  Is a blood clot that blocks a major artery feeding the lungs.  **14.**  Assessment is a late symptom of polycythemia vera?  **16.** A neoplastic disorder in which there is an increase in RBCs often accompanied by an increase in other types of blood cells  **17.** Occurs only in women  **18.** Also called PMN's  **19.**  In the breakdown of RBCs, bilirubin is  **20.** Higher proportion of mature cells (reduced function) with an insidious onset  **21.** Hemochromatosis means there is too much \_\_\_\_\_\_\_\_\_\_ in the blood.  **23.** Signs & Symptoms of this disease include pale/thin skin, weakness, spots before the eyes, faintness, headache, vertigo.  **26.**  An inherited disorder that affects the hemoglobin (Hgb) molecule  **27.** High proportion of blast cells in the bone marrow and peripheral circulation; onset is abrupt  **29.** Participate in clot dissolution after healing |