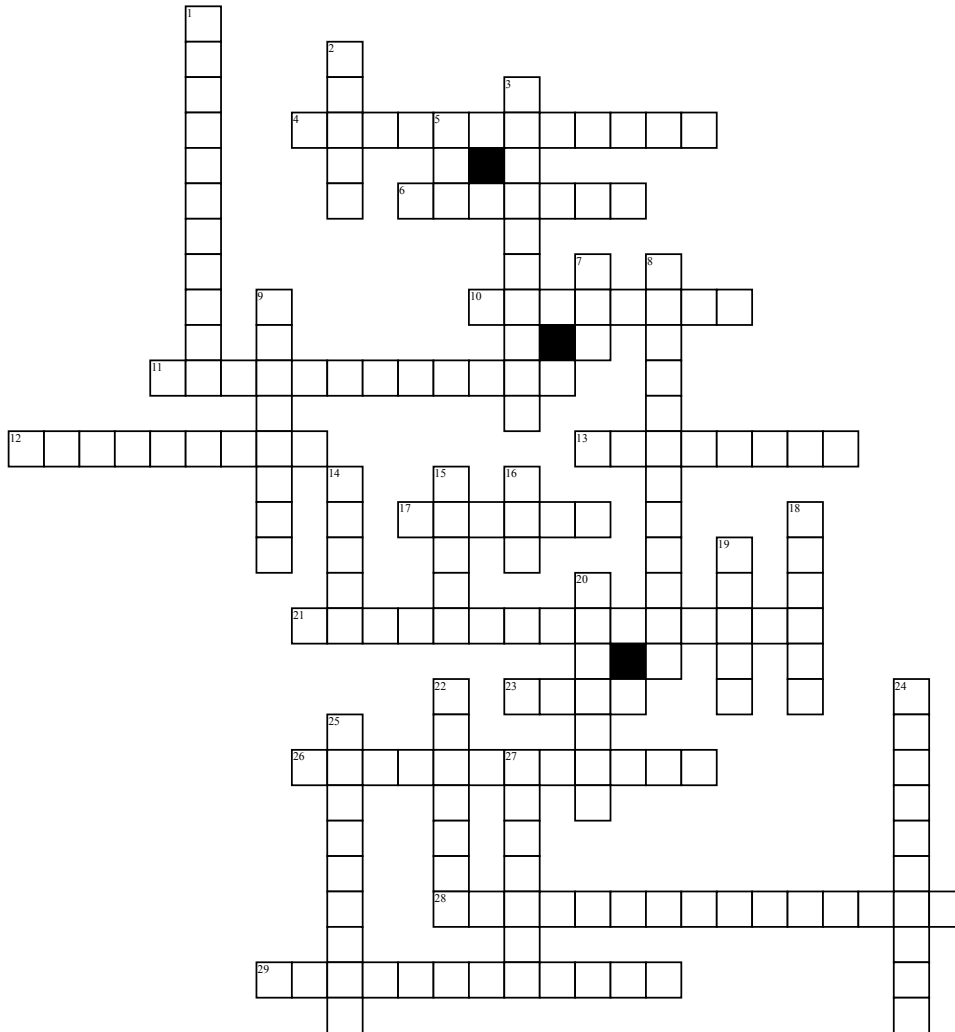


Heme Review



Across

4. The _____ chromosome is another name for the BCR-ABL fusion gene.
 6. A patient can experience pain after consuming _____ with Hodgkin's lymphoma.
 10. _____ are stacks of RBCs present in multiple myeloma and Waldenstrom Macroglobulinemia.
 11. _____ is characterized by a MCV > 100.
 12. _____ disease is caused by a deficiency in Factor IX.
 13. _____ is a treatment for reversing the effects of Warfarin.
 17. Mononucleosis is a _____ infection of B Lymphocytes often caused by EBV.
 21. _____ contains Factors I, VIII, XIII, and vWF.
 23. _____ is a pneumonic used to remember the causes of microcytic anemia.
 26. _____ is bleeding into a joint commonly connected to hemophilia.

28. _____ is diagnosed by having a platelet level over 600,000 on at least 2 occasions at least 1 month apart.
 29. Mycosis Fungoides treatment of choice is _____ therapy.

Down

1. What is the most common myelosuppressive treatment for polycythemia vera?
 2. A mutation in this gene leads to increased levels of homocysteine.
 3. Thalassemia results in improper manufacture of _____ protein chains.
 5. _____ is the most common cancer in children.
 7. Smudge cells are a hallmark of _____.
 8. _____ is a decrease in WBC, RBC, and PLT levels.
 9. _____ should be avoided in Protein C/S deficiency.
 14. B symptoms include _____, night sweats, and weight loss.

15. Hemolysis, elevated liver enzymes, and low platelets are the triad of _____ syndrome.
 16. _____ is caused by massive, simultaneous clotting and clot breakdown.
 18. You need pneumococcal, Hib, and meningococcal vaccinations if you have this organ removed.
 19. _____ is a treatment for von Willebrand's disease that causes a release of vWF and Factor VIII.
 20. _____'s triad consists of circulatory stasis, endothelia injury, and hypercoagulable state.
 22. A "starry sky" appearance is noted in biopsies from patients with _____ lymphoma.
 24. An anemia caused by an autoimmune attack on the stomach preventing Vitamin B12 absorption.
 25. _____ sign is a reddening of the face when raising the arms associated with SVC syndrome.
 27. This drug's effect is monitored by PTT.

Word Bank

VITAMINK	ALL	HELLP	WARFARIN	ROULEAUX
TICS	THROMBOCYTHEMIA	BURKITT	PHOTODYNAMIC	CHRISTMAS
PANCYTOPENIA	HEPARIN	CLL	PERNICIOUS	VIRCHOW
CRYOPRECIPITATE	MTHFR	HEMOGLOBIN	DIC	BENIGN
FEVER	PEMBERTON	HYDROXYUREA	PHILADELPHIA	HEMARTHROSIS
DDAVP	ALCOHOL	MACROCYTOSIS	SPLEEN	