

Hematology Slide Review

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A 23 year-old Caucasian female with no past medical history presents with one week of easy bruising and increasing “red spots” on her arms and chest. She does not recall any history of trauma that may have lead to the bruises. She denies any fever or chills. She has no history of bleeding problems and underwent dental procedures last year without any complications. On review of systems, she had vague left abdominal pain over the past week and 3 days of right ear pain that was recently treated with cefuroxamine as directed by her primary care doctor. Family history is noncontributory. She drinks occasional alcohol on weekends and denies any tobacco or drug use. She takes no medications.

On physical exam, the patient is afebrile and vital signs are stable. She is a well-developed, healthy female in no acute distress. Multiple petechiae are noted on her upper extremities and anterior chest wall. Several ecchymoses are present over sites of blood draws. The spleen tip is felt approximately 2cm below the costal margin. She is hemoccult negative rectally. The rest of the physical exam is within normal limits.

Labs reveal white blood count 8,200, hemoglobin level of 7,900 and platelet count of 16,600.

Below are her blood smears. **What's Your Diagnosis?**

