Laboratory Investigation of Bleeding Disorders

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Outline

A. Normal mechanisms of blood clotting
   1. Platelet plug formation
      a. Platelet adhesion
      b. Platelet aggregation
   2. Coagulation
      a. Extrinsic pathway (initiation pathway)
      b. Intrinsic pathway (propagation pathway)
      c. Common pathway
      d. Fibrin crosslinking
3. Fibrinolysis
   a. Plasmin generation

   b. Plasmin regulation

B. Case studies
   1. Case 1: Acquired von Willebrand disease
      a. History

      b. Lab studies

      c. Discussion

   2. Case 2: Platelet secretion defect
      a. History

      b. Lab studies

      c. Discussion
C. References


