

Bleeding Disorders

12/31/2017

Platelet dysfunction: mucosal bleeding (GI, vaginal, epistaxis, gingival) and skin bruising. Includes Von Willebrand disease (VWD)

Factor deficiencies: deep bleeding – joints, muscles, brain

Approach to the bleeding patient with VWD, hemophilia A (VIII), or hemophilia B (IX)

- VWD
 - o First give desmopressin to induce endothelial release of stored VWF
 - o If that doesn't work give VIII with associated VWF
 - o Lastly, consider cryoprecipitate
- Hemophilia A (VIII) or B (IX) = replace factor
- Factor dosing: consider severity (1-100, see examples) and dose appropriately. For VIII give half.
 - o 1 – papercut
 - o 25 mg/kg – hemarthrosis or Hb stable hematuria
 - o 50 mg/kg – rapid nose bleed or laceration
 - o 75 mg/kg – bad GI bleed or retroperitoneal hematoma
 - o 100 mg/kg – brain bleed