INDICATIONS FOR TESTING
Excessive mucosal bleeding – epistaxis, menorrhagia, excess bleeding after surgery, or dental extractions

Initial testing
- CBC with Platelet Count and Automated Differential
- Prothrombin Time/Partial Thromboplastin Time
- Fibrinogen or Thrombin Time with Reflex to Thrombin Time 1:1 Mix (optional)
- If high suspicion, consider adding initial VWD testing (see below)
- If low suspicion, await results of initial tests to guide additional test selection

Initial VWD testing
- von Willebrand Factor Antigen
- von Willebrand Factor Activity (Ristocetin Cofactor)
- Factor VIII, Activity

Results compatible with vWD

No

Referral or repeat testing in 1-3 months if high suspicion for VWD

Yes

Additional testing to confirm subtype (based on initial studies)
- von Willebrand Multimeric Panel
- Ratio von Willebrand Factor Activity (Ristocetin Cofactor) to von Willebrand Factor Antigen
- Ristocetin-induced Platelet Aggregation
- von Willebrand Factor Collagen Binding
- Genetic testing

Test Key
- VWF:Ag – von Willebrand Factor Antigen
- VWF:RCo – von Willebrand Factor Activity (Ristocetin Cofactor)
- FVIII – Factor VIII, Activity
- RIPA – Ristocetin-induced Platelet Aggregation
- VWF:FVIII binding – von Willebrand Factor:VIII Binding
- RCo:Ag ratio – ratio von Willebrand Factor Activity (Ristocetin Cofactor) to von Willebrand Factor Antigen

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