

## Laboratory Medicine Bulletin

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October 2016

### **Thromboelastography (TEG) is Now Available at St. Paul's Hospital Hematology Lab**

**Intended use:** The TEG Hemostasis analyzer provides comprehensive whole blood hemostasis testing that can assess bleeding (and thrombotic) risks and also monitor antithrombotic therapies.

TEG provides global information on the dynamics of clot development, stabilization and dissolution that reflects *in vivo* hemostasis. Its use in complex major surgery & trauma cases has been shown to significantly reduce the use of unnecessary blood component therapy and overall blood loss.

Any patient with a major/confusing bleeding situation could warrant the use of TEG for assessment, especially when transfusion support is needed.

Platelet Mapping is an additional feature of TEG which is used to assess a patient's response to antiplatelet agents relative to their overall hemostatic picture.

**Availability:** Monday to Friday 7:30 am - 3:00 pm

**Ordering Procedure:** Order must be pre-approved by Hematopathologist. Please contact:

Dr. Karen Dallas                      604-806-9355 office  
604-230-3182 cell/text (best)  
[kdallas@providencehealth.bc.ca](mailto:kdallas@providencehealth.bc.ca)

Dr. Majid Moteabbed                604-806-8875  
[mmoteabbed@providencehealth.bc.ca](mailto:mmoteabbed@providencehealth.bc.ca)

### **Sample**

Tube Type: Sodium Citrate (3.2%) – Light Blue Top - BD 363083 – 2.8 mL draw

Tube must be filled to line to ensure adequate ratio of blood to anticoagulant

Sample must be analyzed within 2 hours of draw

Send sample to lab via tube system with a manual requisition indicating an order for **TEG**

### **Include a contact number for reporting results**

**Results:** Verbal report and interpretation will be given to ordering Physician by Hematopathologist immediately after sample is received and run.