

**Date:** September 27, 2016  
**To:** South Zone West- Physicians, Nursing and Laboratory Staff  
**From:** AHS Laboratory Services- South Zone West  
**Re:** New Coagulation Analyzers Implemented in South Zone West Laboratories

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### Key Messages:

- Effective October 19, 2016 South Zone West Laboratories will begin implementation of new coagulation analyzers.
- **New reference ranges:**
  - PTT: 25.0 – 37.0 seconds
  - TT: 10.0 – 17.0 seconds
  - D-dimer: <243 ng/mL
  - No change to INR or Fibrinogen
- **New Critical Values:**
  - PTT: >120 seconds
  - Fibrinogen: <1.0 g/L
  - No change to INR
- **New Heparin therapeutic range 60 – 90 seconds.**
  - See Lab Bulletin: PTT for Heparin Therapeutic Range October 13, 2016
- **New reporting units for D-dimer in ng/mL and D-dimer cut-off value for VTE <230 ng/mL**
  - See Lab Bulletin: Quantitative D-Dimer Test Changes: September 27, 2016
  - Applicable for D-dimers reported by Chinook Regional Hospital only
- **Semi-quantitative D-dimer testing performed in SZW Rural Laboratories:**
  - No change to reporting units and cut-off value.

### Action Required:

- Use new reference ranges, and D-dimer cut-off value to interpret patient results. Laboratory reports reflect these changes.

### Inquiries and feedback may be directed to:

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