



# Marshfield Labs™

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# Laboratory *News*

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## **COAGULATION UPGRADE: NEW UNFRACTIONATED HEPARIN THERAPEUTIC RANGE AND OTHER MINOR CHANGES**

*Gene Shaw, MD, Clinical Pathology; Kathy Puca, MD, Transfusion Service;  
Steve Mattila, Technical Manager, 24-Hr Services Lab*

Effective May 10, 2017, Marshfield Labs upgraded to the Sysmex CS Series of analyzers for basic coagulation, resulting in the following changes:

- The most notable change for providers is the therapeutic range for unfractionated heparin which is now 45 to 70 seconds compared with the previous range of 45 to 60 seconds. Working with Pharmacy, the nomograms for heparin infusion have been modified to reflect this change.
- The aPTT reference range has been slightly adjusted from 22.4 to 30.1 seconds previously to 23.5 to 32.1 seconds.

- The fibrinogen reference range has changed from 173 to 442 mg/dL previously to 159 to 462 mg/dL.
- For D-Dimer, the cutoff to assist in ruling out venous thrombosis remains at 0.50 mg/L fibrinogen equivalent units. This assay will now be available at three additional locations: Merrill, Stevens Point, and Wisconsin Rapids.

These new analyzers use five different wavelengths of optical detection, enhancing correction for interference from hemolysis, lipemia, and icterus which can improve turn-around-time and reduce redraws.

### **CONTACTS**

- Clinical questions: Gene Shaw.
- Technical questions: Steve Mattila.
- Phone number: 800-222-5835. 



**BEYOND numbers**