NOTICE OF CHANGE OF SERVICE

DATE: August 26, 2010

TO: House Staff Physicians, Faculty, Nursing Personnel, Primary Care Network Physicians and Nurses

FROM: Denis Dwyre, MD, Director, Hematopathology

RE: Coagulation Test Reference Range Changes

On Monday August 30th, 2010 the Department of Pathology and Laboratory Medicine Hematology/Hemostasis Lab will move to its new location in the Surgery and Emergency Services Pavilion. At this time the Laboratory will be switching to new instrumentation and reagents for routine coagulation testing. This change will result in revised reference ranges.

INR: 0.87-1.18
aPTT: 24.1-36.7 seconds
Fibrinogen: 179-395 mg/dl
D Dimer: 0-230 ng/ml
Factor VIII (adult range only-pediatric ranges remain as published): 55-152%
Factor IX (adult range only-pediatric ranges remain as published): 68-150%
Thrombin Time: 13-17 seconds

In addition to changes in reference range, other differences have been noted:
1. Those samples that are run and reported after 8am on Monday August 30th may see a slight decrease in INRs (less than 10%) above ≥1.8 comparing samples run prior to reagent change.
2. For patient receiving anticoagulation, the aPTT run and reported after 8am on Monday August 30th will generally be longer than with the previous methodology. Please contact anticoagulation pharmacist (762-CLOT) for questions/assistance regarding anticoagulation target values, dosing requirements and monitoring.
3. As noted in a separate blue sheet, the D Dimer normal and venous thromboembolism exclusion cutoff value will be ≤230 ng/ml.
4. There is a modest decrease in fibrinogen (approx 15-20%) for samples above 150 mg/dl measured prior to reagent change.

If there are any questions please contact Denis Dwyre, MD (4-2340) or the Hematology lab at 4-2490.

APPROVED BY: Lydia Howell, MD, PhD, Professor and Acting Chair
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