

**To:** All Medical Staff, Nursing Staff, and Clinic Staff  
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**THE FLOW CYTOMETRY SECTION IS PLEASED TO ANNOUNCE A NEW TEST:**

**“SEZARY FLOW”  
SEZARY CELL IMMUNOPHENOTYPING  
AND ENUMERATION BY FLOW CYTOMETRY**

**EFFECTIVE NOVEMBER 15, 2011**

**SEZARY FLOW** will replace the **SEZARY PREP** previously performed by hematology. The flow cytometry method, analyzed and interpreted by a hematopathologist, is more sensitive and accurate than the 100 sezary cell count previously performed by hematology. **SEZARY FLOW** also offers a direct ordering option for peripheral blood leukemia / lymphoma immunophenotyping of patients with known mycosis fungoides / Sezary syndrome that are being followed by serial flow cytometry.

***BACKGROUND:***

Morphologic analysis of small populations of Sézary cells is relatively insensitive due to morphologic overlap with benign cells. Due to the high number of cells (75,000) interrogated by flow cytometry, detection and quantitation of small, immunophenotypically abnormal T-cell populations is consistently achieved with high sensitivity and specificity.

***TESTING AVAILABILITY:***

- Testing is performed Monday through Friday.
- Results are available within 24 hours of receipt of specimen for routine workups.

***SPECIMEN REQUIREMENTS:***

- **Collection:** Sunday through 3:30 PM Friday.  
EDTA anticoagulated (Lavender top) blood collection tube.
- **Transportation:** Room temperature, to arrive at lab within 24 hours of the blood draw and before 3:30 PM Friday.
- **Ordering:** **SEZARY FLOW** requires a CBC and differential (CBCD) for enumeration of Sezary cells, due to dual platform methodology requirements.