

	LABORATORY	Department: Hematology
	POLICIES AND PROCEDURES	Number: 217.2-Hema-gu-rev07/2013

FLOW CYTOMETRY

POLICY

There are times when only flow is ordered on patients. This policy is separate from the bone marrow pathology because the specimen drawn is limited to peripheral blood.

PROCEDURE

FLOW CYTOMETRY PROCEDURE

OUTPATIENT

1. Patients will occasionally have flow cytometry orders.
 - **One Sodium heparin** tube for flow cytometry
 - **One EDTA purple tube** for CBC with manual differential and peripheral smear.
2. Specimens will be sent to laboratory for processing.
3. The specimen processor will notify the send out person.
4. The send out person will bring the specimen to hematology. Remember to make a peripheral smear for pathologist.
5. Please see Flow Cytometry checklist for requirements.
6. Take Clariant form and MD order to pathologist for diagnosis and proper testing to be checked.
7. Refer to Clariant form/Pathology requisition attachment for all information to be filled out.
8. Once you have everything on the checklist checked off you can take everything to histology. If no one present in histology, leave on counter. If after 3pm please place specimen in refrigerator and notify pathologist.

INPATIENT

1. Obtain **EDTA specimen** from hematology be sent to Clariant for Flow. If Mayo or Quest return specimen back to send outs and any information the pathologist has passed on.
2. Please see Flow Cytometry checklist for requirements.
3. Take Clariant form to pathologist for diagnosis and proper testing to be checked.
4. Refer to Clariant form/Pathology requisition attachment for all information to be filled out.
5. Obtain Clariant box and place tube in biohazard bag. Place ice pak on top of cardboard. Place Clariant form and face sheet in biohazard sleeve. Close up box
6. Once you have everything on the checklist checked off you can take everything to histology. If no one present in histology, leave on counter. If after 3pm please place specimen in refrigerator and notify pathologist.

FRIDAY OR DAY BEFORE HOLIDAY AFTER 2:45pm (Inpatient or Outpatient)

1. Follow procedure above.
2. Make sure everything on checklist is done.
3. Refer to Procedural notes for mandatory Clariant Form and Pathology Requisition.
4. Obtain Clariant box and place tube in biohazard bag. Place ice pak on top of cardboard. Place Clariant Form and Face sheet in biohazard sleeve. Close up box.

5. The phone number and client ID is on the Clariant form. Call and place box at Clariant Pick up location.
6. Save pink copy, a copy of face sheet and orders for histology. You can place them in the Pathology out slot located in hematology. Techs then will deliver to histology.

PROCEDURAL NOTES

1. Highlighted mandatory information on the Clariant form and Pathology Requisition

REFERENCES (APA format)

1. College of American Pathologists (2001). *Surveys & Educational Anatomic Pathology Programs, Hematology Glossary*.
2. Coulter Corporation (1997). *Coulter Hematology Instruments Implementation Guide* Miami: Coulter.
3. Henry, J.B., 20th Ed. (2001). *Clinical Diagnosis and Management by Laboratory Method* Philadelphia: W.B. Saunders. pp 532-541.

ATTACHMENTS

- Flow cytometry checklist
- Clariant form
- Verde Valley Pathology Requisition

Prepared by/Title/Date: Gary Sauer MT 6/21/2013	Committee Approval/Date: Policy & Procedure _____	Dates Reviewed/Revised:
Approved by/Title/Date: Signature on file in Lab		