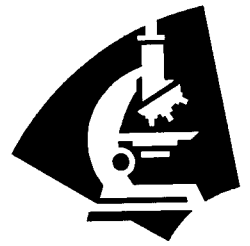


THE NANOGRAM

Martha Jefferson Hospital Laboratory Services

Winter 2014



Important Phone Numbers

Clinical Lab
654-7170 or
fax 654-7164

**Anatomic Pathology
Lab**
654-7955 or
fax 654-7944

**AP Client Services
Representative,
Noel Jorgensen**
654-5525

Quarterly Newsletter on Website

This newsletter is from the Laboratory and will be distributed on a quarterly basis. It contains important information and news briefs concerning laboratory services. In addition to normal distribution, each issue will be posted at www.cvillepathology.net under the News Brief section.

MJH Helps Rockingham Memorial Hospital's School of Histology

Rockingham Memorial Hospital (RMH) and Martha Jefferson Hospital are part of the Sentara Hospital System. As a system, all of the hospitals work together to improve patient care and health in their communities. RMH offers a Histology program that is one year of school including 6 months of lecture and student lab followed by 6 months of rotations through 6 hospital histology labs— RMH Histology Lab, Norfolk General Hospital Immunohistochemistry Lab, Norfolk General Hospital Histology Lab, MJH Histology Lab, Sentara Northern Virginia Medical Center Histology Lab, and Williamsburg Regional Medical Center Histology Lab.

Martha Jefferson Histology's Section Leader, Lorraine Pantella, HT(ASCP) is on the faculty of the School of Histology at RMH. If you have any questions about the School of Histology at RMH, please contact MJH Histology at 434-654-7188 or RMH Histology at 540-564-7232.

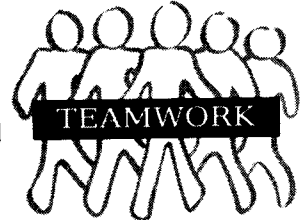
DNV Survey: September 2013

Det Norske Veritas (DNV) is a provider of hospital accreditation, infection risk management, and standards development. Since 2008, CMS approved the DNV to accredit acute care hospitals in the US. MJH had a survey the second week of September and the DNV visited the lab (mostly looking at the safety environment and asking information about calibrations). As part of the DNV accreditation, MJH is required to do internal audits. 22 auditors were selected to participate in the process and the laboratory is represented in the group. We audit our services (all of our hospital departments) to be sure we are giving consistent service, providing customer satisfaction, complying with standards, documenting procedures, reviewing effectiveness of processes, and improving continuously.

A Tight Medical Community: Helping Each Other

Teamwork is part of each day at Martha Jefferson Hospital Laboratory, but a true example of this in our lab as well as the Charlottesville medical community happened the second weekend in November 2013.

The call came in on Friday night at about 11pm from UVA Clinical Laboratory that their Coag Analyzers were down and they needed help. We, of course, agreed to help and teamwork ran amuck. After processing 380 samples and 28.5 hours later, UVA's instruments got fixed. There were many people involved and some true heroes among the lab staff. Thanks to everyone involved with this great achievement and congratulations on a job well done and a true service to the Charlottesville medical community.



Telephone Reminder

MJH Lab Services asks that if you have questions, please call the main number at 434-654-7170. We try to keep the individual departments focused on their work and filter questions through the call center. Thank you.



Martha Jefferson Laboratory Services Staff enjoying the holidays and wishing everyone a great 2014!

**American
Red Cross**

MJH Lab Services is now using American Red Cross (ARC) for all our Blood and Blood Products.

ARC will be doing blood drives at Martha Jefferson in the future.

THE NANOGRAM

Martha Jefferson Hospital Laboratory Services

Winter 2014



Lab Leaders

Jeff Willy, MBA, MT
(ASCP)
Director, Lab Services

Carolyn Dotson, MT
(ASCP)
Lab Operations
Manager

Thea Alterman, MT
(ASCP)
QC/QA Manager

Bette Webber, MT
(ASCP)
Lab Administrative
Manager

Sarah Harris, MSHS,
MLT (ASCP)
Client Services
Manager

Pathologists

R. Hunt MacMillan III,
MD
Director of Chemistry
and Microbiology

Thomas Dudley, MD
Director of Histology
and Blood Bank

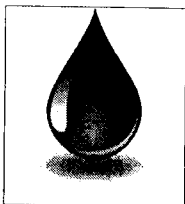
Laura Spinelli, MD
Medical Director, Lab
Director of Cytology,
Hematology, Serology,
Coagulation, and
Urinalysis

MJH
Histology
now offers the
Microsatellite
Instability
(MSI) panel
in-house.

Platelet Function Analyzer Coming To MJH Laboratory

Martha Jefferson Hospital Laboratory will be getting a Platelet Function Analyzer (PFA-100) and should have it in use 1st Quarter of 2014.

The PFA-100 is an in vitro test system that uses 2 different test cartridges capable of detecting platelet dysfunction induced by intrinsic platelet defects, von Willebrand disease, or exposure to platelet inhibiting agents (such as Aspirin or Aspirin-containing medication) which may provide the clinician with useful information that can lead to better management of platelet related bleeding risk.



Please call the lab at 434-654-7170 with any questions you may have about this analyzer and look

for future information on specimen collection requirements in future newsletters/memos from the laboratory.

Commission on Cancer (CoC): Pathology Reports Get High Marks

The American College of Surgeons Commission on Cancer (CoC) has recognized Martha Jefferson Hospital's commitment to maintaining our cancer program and participating in their Accreditation Program. The CoC is a consortium of professional organizations dedicated to improving survival and quality of life for cancer patients through standard-setting, prevention, research, education, and the monitoring of comprehensive quality care.

During a recent survey, MJH received commendations on several topics, one of which was College of American Pathologists (CAP) protocols. The CoC commented on the high quality of our pathology reports.

For more information on the CoC please visit their website at www.facs.org/cancer.

Sample Handling Makes a Difference

Preparing samples for testing is one of the most routine, yet most critical, processes to ensure accurate results. Improperly handled samples can give misleading results, thereby compromising patient care.

The following guidelines cover some of the key steps in handling serum and plasma samples.

DRAW THE CORRECT VOLUME

Fill tubes to within 10% of the maximum fill volume.

MIX: IT'S ESSENTIAL

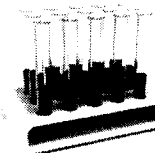
Mix all tubes immediately after collection by inverting tubes 8-10 times

LABEL PLACEMENT

When affixing patient identification labels to specimen tubes, please apply directly over the manufacturer label.

ALLOW TIME TO CLOT

DO NOT centrifuge tubes right after collection. Place the collection tubes in an upright position and allow the blood to clot at room temperature **for no longer than 60 minutes** (clots usually form in 15-30 minutes).



SPIN UNDER THE CORRECT CONDITIONS

After allowing the clot to form, insert the tube in the centrifuge, stopper end up. Centrifuge sample for 10 minutes at 3000 rpms or the speed recommended by the manufacturer.

INSPECT TUBES

After centrifugation, inspect the barrier gel to ensure that it has formed a solid seal between the serum and packed cells. Make sure all tubes are labeled with patient name and date of birth prior to submission.

Questions?
Contact Martha Jefferson Laboratory at
434-654-7170.