

THE NANOGRAM

Summer 2011



Martha Jefferson Hospital Laboratory Services

Important Phone Numbers

Clinical Lab
654-7170 or
fax 654-7164

**Anatomic Pathology
Lab**
654-7965 or
fax 654-7944

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

Outreach Department
654-7183

Contact Info for
Sunday, August 28th:
459 Locust Ave.
654-7170
654-7176

**500 Martha
Jefferson
654-LABS (5227)
654-7183**

Glomerular Filtration Rate (GFR)

*This memo went out to
the Medical Staff on April
29, 2011*

Based on the
recommendation from
the National Kidney
Foundation, we are
changing the calculation
for the estimated
glomerular filtration rate
(eGFR) based on our
IDMS-traceable
creatinine value using the
IDMS-traceable MDRD
Study Equation.

The following is the IDMS
traceable MDRD Study
equation:

$$\text{GFR (mL/min/1.73m}^2\text{)} = 175 \times (\text{S}_{\text{Cr}})^{-1.154} \times (\text{Age})^{-0.203} \times (0.742 \text{ if female}) \times (1.212 \text{ if African American})$$

Any questions may be
directed to the Chemistry
Department at 654-7176.

Quarterly Newsletter on Charlottesville Pathology 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.

Important Hospital Move Information

On Monday, August 22nd, 2011, the MJH Laboratory will begin the relocation of our Anatomic Pathology (Histology and Cytology) and Microbiology departments.

- ◆ One pathologist will be available at the Locust Ave. campus for the remainder of the week ending Sunday, August 28th, to perform all frozen sections and FNA's.
- ◆ We will continue offering all STAT Microbiology test requests at the Locust Ave. campus through Sunday, August 28th as to not delay result reporting. Those tests include: Leukotest, KOH/WET preps, STAT Gram stains, and India Ink.

Beginning August 22nd, we will also be relocating half of the major equipment from each of the following departments: Hematology, Coagulation, and Urinalysis. During this week, leading up to and following the hospital move on Sunday, August 28th, we may experience intermittent delays in testing and result reporting due to required daily instrument maintenance and quality control.

For all of our one-of-a-kind instruments and/or devices there will be a period of limited or no availability. Beginning Friday, August 26th to Monday, August 29th the following test **will not** be available:

HA1C	Fetal fibronectin	RPR	Osmolality, serum/urine
Lead	Ionized Calcium	Fluid pH	

*** We do have the option of sending specimens to UVA for testing under extenuating circumstances

As we develop our relocation processes, patient safety and quality care continue to be our main focus. The lab staff will be working diligently to maintain that focus and communicate if we should encounter any problems that would affect test availability beyond the aforementioned dates.

On move day, August 28th, 2011, we are requesting that all outpatients report to the new hospital located at 500 Martha Jefferson Drive at Peter Jefferson Place for all laboratory specimen collections and drop-offs.

When arriving at the main hospital entrance concierge desk, patients will be directed by a member of the concierge or security staff to Medical Imaging (MI) Patient Access located on the 2nd floor. Upon notification from MI Patient Access, a member of the lab staff will be dispatched to the patient's location to perform specimen collection.

Laboratory Access:

- ◆ Direct entry into the Clinical and Anatomic Pathology Lab at 500 Martha Jefferson Dr. will only be accessible to MJH medical staff and other badge access authorized personnel
- ◆ For those couriers, physician office personnel, and vendors who do not have MJH issued badges, Materials Management located at the loading dock entrance, will be staffed from 0700-1700 M-F. This entrance can be used to check in and be directed to the laboratory for delivery or assistance.

Changes to Rhogam and Glucose Testing

Starting Sunday, August 28th 2011, MJH Clinical Laboratory will be fully operational from our new location 500 Martha Jefferson Drive at Peter Jefferson Place. Along with our relocation come some modifications to our current procedures for handling outpatient specimen collections, particularly Rhogam and Glucose testing. In order to continue offering the utmost in customer services and patient satisfaction, we ask that you communicate to your patients the following changes:

Glucose testing: Glucose, 1 hour post 50g Glucose (GL50) or 3 Hour Glucose Tolerance Test (GTTs)

- ◆ Patients should report to the MJH Outpatient Care Center (OCC) located at 595 Peter Jefferson Parkway, where they will be registered, given a Glucose Tolerance Beverage to ingest, and have the subsequent venipuncture (s) performed. The OCC will continue to operate between the hours of 0700-1700 Monday-Friday.

Rh Immune Globulin/Rhogam testing

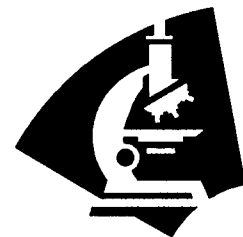
- ◆ Patients eligible for Rhogam should report to the MJH Infusion Center located on the 3rd floor of the Cancer Care Center at the Main Hospital. They will be registered in the Infusion Center and have a venipuncture performed by an Infusion Center nurse, who will also administer the Rhogam once testing is complete. The Infusion Center will continue operating between the hours of 0800-1600 Monday-Friday. Any patients arriving outside of the aforementioned times have the option of coming back the following day or in case of an emergency be registered and seen by an Emergency Department physician in order to receive Rhogam administration.

If there are any questions, please do not hesitate to contact the laboratory at 654-7170. Thank you.

Address of the Replacement Hospital is 500 Martha Jefferson Dr., Charlottesville, VA 22911

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Martha Jefferson Hospital Laboratory Services

Lab Leaders

Nancy Lewis, MT (ASCP)
Director, Lab Services

Jeff Willy, MT (ASCP)
Director, Anatomic Pathology and Special Projects

Carolyn Dotson, MT (ASCP)
Lab Operations Manager

Therese 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
Medical Director, Lab

Thomas Dudley, MD
Director of Histology and Blood Bank

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

Visit the
**Charlottesville
Pathology
Associates**
website at:
[www.
cvilliepathology.net](http://www.cvilliepathology.net)

NOTE:
Martha Jefferson
Hospital Lab Services
is now doing
osmolality testing
in-house.

MEDIA BOX

MJH Lab and Charlottesville Pathology: In the News and On the Web

Medical Technologists Help Solve Mysteries

One of our Medical Technologists in the Laboratory at Martha Jefferson, had an article published in The Daily Progress about the critical work Medical Technologists do and how it contributes to patient care. Sara Hoffman, Blood Bank Section Leader at MJH, wrote "Medical Technologists Help Solve Mysteries". Read the article online at:

<http://www2.dailyprogress.com/lifestyles/2011/may/15/medical-technologists-help-solve-mysteries-ar-1037291/>

Video for Laboratory Professional Week

MJH Lab Services and Charlottesville Pathology was one of the winners of the Center Stage Video contest conducted by the American Society for Clinical Pathology. View our video at:

<http://www.ascpresources.org/facebook/videos/old-school-lab.html>

Video Bios on MJH Website

Visit www.marthajefferson.org and view videos of the physicians that are on the Medical Staff at the MJH. The three pathologists have posted video bios. View their bios at:

◆ Dr. Laura Spinelli
<http://www.marthajefferson.org/find-doctor/popup.php?link=http://www.youtube.com/v/RAsZfCRoLh8>

◆ Dr. Hunt MacMillan
<http://www.marthajefferson.org/find-doctor/popup.php?link=http://www.youtube.com/v/K1-ZhMpRWbk>

◆ Dr. Tom Dudley
<http://www.marthajefferson.org/find-doctor/popup.php?link=http://www.youtube.com/v/oBA2lrGrlc0>

C. Trachomatis/ N. Gonorrhoeae Specimen Collection Kits

The Martha Jefferson Clinical Laboratory has switched C. trachomatis/ N. gonorrhoeae specimen collection kits for vaginal, endocervical, and urethral swab specimens from the GEN-PROBE PACE Specimen Collection Kit to the Aptima™ Combo 2 Assay Unisex Swab Specimen Collection Kit.

All clients should complete a Martha Jefferson Hospital Request for Laboratory Supply form, indicating the number of Aptima™ Combo 2 Assay Unisex swabs needed to replenish the practice supply.

Once a replacement order of the Aptima™ has arrived to you, we ask that the remainder of any Gen-Probe PACE Specimen Collection Kit swabs be discarded. Any questions call 654-7170 or 654-7183. Thanks for your cooperation.

Tick Born Illness

If a tick-born illness (especially Ehrlichiosis) is suspected, a manual diff should be requested with the CBC. The automated differential does not separate out bands neutrophils from the segmented neutrophils. Typically, the Hematology analyzers can detect immature cells and generate a flag to indicate a manual diff needs to be performed. In some instances, these cells pass as normal mature cells. Since the band count may be increased in most patients with Ehrlichiosis or Anaplasmosis this may be clinically useful information. If you have any questions, please contact the clinical laboratory at 654-7170 and ask for Hematology.

Laboratory Week Awards

Each year during Laboratory Professionals Week the MJH Laboratory professionals vote for two of their colleagues to receive special recognition. The first award is the Menk Award and the winner receives funding to attend a professional meeting of their choice. The second award is for outstanding Lab Person of the Year. Congratulations to the two recipients and thank you for all your dedication.

Menk Award Winner: Mary Frye, MT

Lab Person of the Year: Sara Hoffman, MT