

Fall 2010
Volume 17 / Issue 3

In this Issue

1. College of American Pathologists (CAP) Requirement Affects In-Office Patient Specimen Collections
2. Use of Lubricants During Pap Collection
2. Important Update: CMS EHR Meaningful Use
2. When To Use Care360 Functions: PSC HOLD and HOLD
3. 2010-2011 H1N1 Testing
3. Microbiology Test Changes
4. Additional Updates
5. Laboratory Test Updates

QUALITY UPDATE
is a complimentary quarterly newsletter providing laboratory information for physicians and their staff.

OUR MISSION:
Improve the health of our community through excellence in medical laboratory services.

COMPUNET CLINICAL LABORATORIES

2308 Sandridge Drive
Moraine, Ohio 45439

(937) 296-0844 • 1-800-686-2252

www.compunetlab.com

CompuNet®

CLINICAL LABORATORIES

Quality Update

Patient Safety and Quality Guidelines 2010 Update

College of American Pathologists (CAP) Requirement Affects In-Office Patient Specimen Collections

The College of American Pathologists (CAP), accreditation agency of U.S. clinical laboratories, requires that all specimens be labeled with at least two patient identifiers to ensure proper identity.

To provide for the best in patient care, reduce identification errors, and to comply with CAP regulations, all patient specimens should be labeled **at the time of collection** with at least **two forms of patient identification**.

EACH SPECIMEN MUST HAVE THE FOLLOWING PATIENT IDENTIFIERS:

1. Always required: Patient's name (full last name, full first name) or a unique ID code (unique ID code may be used as an identifier for client bill only)
2. The second identifier can be one of the following:
 - Date of birth (month/date/year)
 - Other unique patient identifier which is also on the test requisition (e.g. office assigned patient ID)
 - Requisition number or specimen barcode label
 - Other barcode labels can be used if barcode matches the unique identifiers on the printed requisition (does not have to be "human" readable)

Just as a reminder- please be sure the specimen patient identifiers match the patient identifiers on the test order.

Beginning December 1, 2010, specimens which do not have two patient identifiers will be tested however the following message will be appended at the end of the patient report:

Only one form of patient ID was present on one or more sample containers: two forms of patient ID are required by the College of American Pathologists (CAP), our laboratory accrediting agency

As a CAP-accredited laboratory, CompuNet is complying with this requirement which is intended to assure proper patient identification. If you have any questions or concerns, please contact your CompuNet Marketing Representative or Client Services at (937) 297-8260.

Use of Lubricants During Pap Collection

Amanda Clark, CT (ASCP), Cytology

Did you know that an unsatisfactory result on a pap smear can be due to the usage of lubricants during pap collection?

Lubricant use increases the risk of contaminating or obscuring the cellular sample with both conventional Pap smears and all liquid-based methods such as ThinPrep™. Rather than using a lubricant, the Clinical and Laboratory Standards Institute recommends using lukewarm water to lubricate the speculum.

If a lubricant must be used due to patient discomfort or other circumstances, it should be applied sparingly on the outer portion of the speculum with great care to avoid the tip. Patients should also be advised to avoid the use of personal lubricants for 48 hrs prior to their appointment for a pap smear.

Please contact Amanda Clark, Cytology Manager at (937)297-8224 or by email at amanda.r.clark@questdiagnostics.com if you have concerns about the Pap smear collection process.

Resources:

1. Papanicolaou Technique Approved Guidelines (NCCLS Document GP15-A)
2. ACOG Practice Bulletin, no. 45, August 2003
3. CYTYC bulletin, RE: Lubricant use during Pap test collection, 2007

Important Update: CMS EHR Meaningful Use

By Joanne Denlinger, Information Resources

In July, the Centers for Medicare & Medicaid Services (CMS) released its EHR (Electronic Health Record) Meaningful Use requirements for Stage 1 (2011 and 2012). Some requirements will affect how physicians order and receive lab results.

Background

The 2009 ARRA (American Recovery and Reinvestment Act) will provide monetary incentives to Medicare and Medicaid providers who adopt and use Health Information Technology within their practices beginning in 2011. In order to obtain the maximum incentive dollars, physicians must qualify by 2012 and hospitals must qualify by 2013.

During Stage 1 (2011 and 2012), eligible providers must implement **15** core meaningful requirements (**14** core requirements for hospitals). In addition, **five** more requirements must be selected from a menu of ten options.

Solution: Care360™ EHR

CompuNet Clinical Laboratories and Quest Diagnostics offer physicians an EHR solution that will help your practice comply with the CMS EHR requirements. Some of the Care360 EHR benefits include:

- Care360 EHR Module uses the same platform as Care360 Labs and Meds and ePrescribe, making for an easy transition to Care360EHR.
- Care360 is web-based so physicians avoid costly IT hardware and infrastructure costs.
- Modular platform allows physicians to add functionality at their own pace (i.e., start with computerized physician order entry then move up to a full EHR later).
- Can access secure patient information anywhere, anytime from the Internet or Apple iPhone and iPads.
- 30 - 60 day implementation timeframe
- ePrescribe included as standard feature of Care360 EHR

For more information about Care360 EHR, contact your CompuNet Marketing Representative or visit www.care360.com for a "test drive".

Additional information about EHR meaningful use and Medicare/Medicaid incentives is available at <https://www.cms.gov/EHRIncentivePrograms/>.

When To Use Care360 Functions: PSC HOLD and HOLD

By Gina Kilbane, Information Resources and Denise Watkins, Patient Services

Care360 offers many helpful electronic features for a physician practice. Some of the options include PSC HOLD and HOLD. Here are some guidelines to help you choose when to use these options:

- Use PSC HOLD when sending your patient to a CompuNet Patient Service Center (PSC). Before submitting your lab order through PSC HOLD, please verify (1) patient name, (2) date of birth, and (3) bill type.
- Regardless of whether or not you provide us with the patient's insurance information, please select the bill type, "Insurance". The PSC staff is unable to alter bill type.
- There is also a HOLD function in Care360. HOLD is for your own internal office use. Do not use HOLD if you are sending a patient to a PSC because our staff will not be able to locate the lab order.
- If you would like to delete duplicate orders, go to HELD/SCHEDULE tab and select HOLD LIST.

If you have any questions pertaining to Care360, please contact the Care360 Help Desk at (800) 697-9302.

2010-2011 H1N1 Testing

By Nicole Kahmann, Molecular Diagnostics

As H1N1 returns for the 2010-2011 flu season, CompuNet offers fast turnaround time on positive Influenza A H1N1 results.

2010 - 2011 Flu Season

Many experts agree that pandemic H1N1 will circulate this coming winter, but there is much conjecture as to what combination of viruses will be competing with it. Most scientists agree that H1N1 will be the dominant strain and will most likely become the new seasonal H1N1 (replacing the H1N1 Brisbane).



How to Collect If You Suspect H1N1 Virus

- Specimen should be collected using a nasal swab and Viral Transport Medium (VTM) collection device. VTM collection devices can be obtained from CompuNet's Purchasing department (call 937-296-0844, ask for Supplies)
- Order Influenza A DFA (**Order code# 73472**)
- H1N1 PCR is also available by contacting Referral Testing for specific instructions (937-290-7328).

CompuNet will call clients with positive results for Influenza A within 24 hours. Negative results will appear on lab results report. (Please note that Influenza B DFA is also available (Order code# 73706) and positive results for Influenza B will be called as well).

For more information about the testing for the H1N1 virus, contact Nicole Kahmann, Molecular Diagnostics at (937) 297-8257.

Microbiology Test Changes

By Ike Northern, Microbiology/Serology

Recently, the Microbiology department made some improvements to its computer system resulting in order code and test name changes (see chart). As a result of Microbiology's recent computer system conversion, some urine culture results are now being reported earlier in the day.

Please be aware that the conversion has resulted in the following test name and order code changes:

OLD ORDER CODE	OLD TEST NAME	NEW ORDER CODE	NEW TEST NAME	COMMENTS
4487	Minimum Inhibitory Concentration	71148	Identification and Sensitivity	Indicate drug to be tested
74585	Minimum Inhibitory Concentration	4483	Culture, Nose	For other sources use 70881
70363	Culture, Ear	70881	Culture, Miscellaneous	List source
388	Culture, Cerebrospinal Fluid	70881	Culture, Miscellaneous	List source
4473	Culture, Lesion	70881	Culture, Miscellaneous	List source
4488	Culture, Ear	70881	Culture, Miscellaneous	List source
4486	Culture, Tissue	70881	Culture, Miscellaneous	List source
70418	Culture, Skin	70881	Culture, Miscellaneous	List source

Please contact Ike Northern, Microbiology/Serology Manager with questions: (937) 297-8334 or william.i.northern@questdiagnostics.com.

Additional Updates

PROPER MIXING IN EDTA LAVENDER TOP TUBES TO AVOID PLATELET CLUMPING

Proper mixing of the whole blood specimen ensures that EDTA is dispersed throughout the sample. Evacuated blood collection tubes with EDTA should be mixed by 8 - 10 gentle end-to-end inversions immediately following venipuncture collection. Microcollection tubes with EDTA should be mixed by 10 complete gentle end-to-end inversions immediately following collection.

UNITED HEALTHCARE (UHC) NETWORK STATUS

Please be aware that CompuNet's regional contract with UnitedHealthcare (UHC) remains unchanged. We are an In-Network Provider of laboratory services with UnitedHealthcare as well as nearly all major insurance plans. UHC patients and physicians who use CompuNet for their laboratory services are covered at in-network benefit levels, providing the lowest out-of-pocket expense for patients.

CARE360 UPGRADE COMING SOON

If you are using **Care360 Lab Orders and Results**, your system will be upgraded to **Care360 Labs and Meds** by April 2011. Some of the advantages of Labs and Meds include:

- Extra reporting features, including Cumulative Reporting, Flowsheets, and Graphs
- Ability to upgrade to ePrescribe or to the Care360 EHR
- Similar look and use as Lab Orders and Results
- Ability to reprint specific date ranges or to reprint the last batch of reports

NEW CARE360™ MOBILE FEATURES

Care360 product features are frequently updated to make it easier to order lab tests and receive lab results. If you are a Care360™ Labs and Meds user, you now have access to the following new features:

- iPhone™ 4.0 OS - The Care360 Mobile application is now compatible with the iPhone 4.0 operating system.
- Claims and Pharmacy History - A patient's claims and pharmacy history is now accessible from their active medications list. (Available with ePrescribe module)
- Demographics - Users can now add new patients and their demographic information directly from the Care360 Mobile application, rather than having to add them on the main application first. In addition, patient demographic information can be managed outside of the prescription writing process, from the Patient tab.

If you are not a Care360 Labs and Meds user but would like more information, contact your CompuNet Marketing Representative or visit: www.care360.com.

CARE360 EHR AND EPRESCRIBE OFFER EXTENDED

The free trial for Care360 EHR and Care360 ePrescribe has been **extended until December 23, 2010**. ePrescribe customers may cancel after 90 days with no obligation and EHR customers will incur no fee for the first 90 days of their contract. For more information, contact your CompuNet Marketing Representative.

HISTOPLASMA URINE ANTIGEN ASSAY

CompuNet's Serology Department now offers the Histoplasma Urine Antigen assay in-house. This test is used as aide in the diagnosis of a fungal infection, Histoplasmosis. For more information, check out the **New Tests** section of the Quality Update. You may also contact Ike Northern at (937) 297-8334 / william.i.northern@questdiagnostics.com or Jessica Hutchinson at (937) 297-8208 / jessica.l.hutchinson@questdiagnostics.com.

PATIENT SERVICE CENTER CHANGES

Urbana Patient Service Center hours: Monday - Thursday, 8:00am - Noon. Closed Fridays

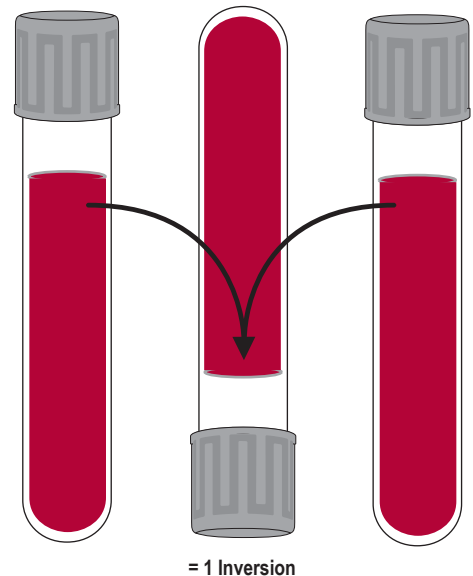
Xenia Patient Service Center new address: 1214 N. Monroe Drive. The hours, phone, fax, and staff members have not changed.

ARCHIVED WEBINARS AVAILABLE

Two programs are now available on Antiplatelet Therapy Testing through the Quest Diagnostics Nichols Institute. The programs include: Clopidogrel Genomic Testing (Wael Salameh, MD), and Aspirin Resistance Testing (Kirk Guyer, Cascade Technologies). To access either webinar visit: <http://www.nicholsinstitute.com/ConferenceCenter/DisplayRecordedEvents.aspx>.

QUALITY UPDATES ONLINE

You can access the current issue and past issues of the Quality Update at: http://www.compunetlab.com/healthcareproviders_qualityupdate.html.



Proper Mixing of EDTA Lavender Tube Tops	
Why:	Tubes with anticoagulants such as EDTA need to be mixed to ensure that the specimen does not clot.
How:	Holding tube upright, gently invert 180° and back.
When:	Immediately after drawing
If not mixed properly:	Specimens in tubes with anticoagulants will clot. Specimen may need to be redrawn.

NEW TESTS AVAILABLE

Fecal Globin by Immunochemistry (Diagnostic)	
Effective Date:	Immediately
Test Code:	11290
Performing Site:	CompuNet Clinical Laboratories
Department:	Serology
Specimen Requirements:	Enterix FIT Card
CPU Interface mapping:	2004326 - RESULT

Fondaparinux Sodium (Factor Xa Arixtra)	
Effective Date:	Immediately
Order Code:	16103
Specimen requirements:	1 mL frozen sodium citrated plasma (light blue-top)
Set up days:	Monday – Friday morning, report available next day. Allow an additional day for transport of specimen to the reference laboratory.
Performing department:	Special Coagulation
Clinical Significance:	The chromogenic anti-Xa method is the assay of choice for determining the plasma concentration of Arixtra against calibration curve prepared from Arixtra (Fondaparinux).
Performing Site:	Quest Nichols Institute, Chantilly Va
Result Code Mapping:	Result Code: 86002312 Result Name: Fondaparinux Sodium

DNA (DS) Antibody, Crithidia IFA w/reflex to Titer (Double Stranded DNA, IFA)	
Effective Date:	Immediately
Test Code:	37092
Specimen requirements:	0.5 ml serum, refrigerated
Stability:	Room Temperature: 2 Days, Refrigerated: 14 Days, Frozen: 30 Days
Performing Site:	Quest Diagnostics Nichols Institute, Chemistry Department
CPU Interface Mapping	Result Code: 85991297– Result Name: DNA AB (DS) CRITHIDIA, IFA Result Code: 85991298– Result Name: DNA AB (DS) CRITHIDIA TITER
Additional Information:	Replaces discontinued test 73826 DS DNA Antibody, IFA

Histoplasma Urine Antigen Assay	
Effective Date:	Immediately
Order Code:	75235
Specimen requirements:	5 ml of urine in a sterile cup
Stability:	Refrigerated: 3 Days
Set up days:	Monday - Friday
Performing dept:	Serology
Clinical Significance:	Detects presence of fungal infection, Histoplasmosis.
Performing Site:	CompuNet
Special Handling:	Refrigerate
Additional information:	Replaces 58792. If specimen is serum, use order code: 34441.

PTH Related Protein (PTH Related Peptide)	
Effective Date:	Immediately
Order Code:	34478
Specimen requirements:	1 ml Sodium Heparin Plasma, refrigerated
Stability:	Room Temperature: 7 Days, Refrigerated: 7 Days, Frozen: 28 Days
Performing Department:	Chemistry
Performing Site:	Quest Diagnostics Nichols Institute
Result Code Mapping	Result Code: 85984650 Result Name: PTH-RP
Additional Information:	Replaces discontinued test 71088 PTH Related Peptide. Please note: this new test has different specimen requirements than the previous test! Avoid hemolysis. Invert a minimum of 8 times then allow to clot in an upright position for 30 minutes. Centrifuge the tube for at least 10 minutes. Transfer plasma to a plastic transport tube and freeze immediately.

RE-INSTATED TEST

JAK2 Mutation, Cell Based	
Effective Date:	Immediately
Test Code:	56102
Performing Site:	CompuNet Clinical Laboratories
Department:	Molecular Diagnostics
Specimen Requirements:	EDTA (LAVENDER-TOP) TUBE
CPU Interface mapping:	2003969 JAK2-V617F MUTATION

TEST CHANGES (CHANGES ARE INDICATED IN BOLD PRINT)

TEST CORRECTION	
<p>Tryptase was mistakenly listed as a discontinued test in the Summer Quality Update. Please note that it has not been discontinued, however there are changes to the test. See bold highlights:</p>	
Effective Date:	Immediately
Mnemonic Code:	34484
Specimen Requirements:	1 mL serum (red top tube only). DO NOT collect in a serum separator tube (SST).
Special Handling:	Collect between 15 minutes and 3 hours after the event suspected of causing mast cell activation. Avoid hemolysis. Invert a minimum of 8 times then allow to clot in an upright position for 30 minutes. Centrifuge the SST for at least 10 minutes. Keep tightly stoppered
DISCLAIMER:	This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic Rochester. It has not been cleared or approved by the U.S. Food and Drug Administration.

MATERNAL SERUM SCREENING UPDATE	
<p>Effective October 11, 2010, the Maternal Serum Screening comments that are used when a patient is 35 years of age or older at the time of delivery will be changed. The verbiage will reflect the current American College of Obstetricians and Gynecologists (ACOG) guidelines which recommend that “maternal age alone no longer be used as a cut-off to determine who is offered screening versus who is offered invasive testing.” (Ob Gyn 2007 v109 p217-227)</p>	
<p>This change affects the following order codes: 5059 – Maternal Serum AFP 7292 – Triple Screen 30294 – Quad Screen 15934 – Penta Screen 16020 – 1st Trimester Screen hyperGlycosylated hCG 16145 – 1st Trimester Screen, hCG</p>	
<p>If you have any questions, please call 866-GENE INFO (866-436-3463).</p>	

TEST CHANGES (CHANGES ARE INDICATED IN BOLD PRINT)

Actin (Smooth Muscle) Antibody (IGG)	
Effective Date:	Immediately
Mnemonic Code:	15043
Performing Site:	CompuNet Clinical Laboratories
Department:	Serology
Specimen Requirements:	1.0 mL Serum (SST)
CPU Interface mapping:	Old: 85998374 - Actin Antibody (IGG) New: 2004329 - Actin Antibody (IGG)

T-Spot TB	
Effective Date:	Immediately
Test Code:	75050
Performing Site:	CompuNet Clinical Laboratories
Department:	Serology
CPU Interface mapping:	Old 2004263 - Nil (Neg) Control 2004264 - Panel A 2004265 - Panel B 2004266 - Positive Control 2004267 - Test Result New 2004330 - Test Result 2004331 - Nil (Neg) Control 2004332 - Panel A 2004333 - Panel B 2004334 - Positive Control

Fecal Globin By Immunochemistry (Screening)	
Effective Date:	Immediately
Test Code:	11293
Performing Site:	CompuNet Clinical Laboratories
Department:	Serology
CPU Interface mapping:	Old 86002584 - Comment New 2004326 - Result

Growth Hormone (GH)	
Effective Date:	Immediately
Test Code:	521
Specimen requirements:	1 mL serum
Specimen stability	Room Temperature: 7 Days / Refrigerated: 7 Days / Frozen: 28 Days
Department:	Chemistry
Performing Site:	Quest Nichols Institute, Chantilly Va
Result Code Mapping:	Result Code: 85998249– Result Name: Growth Hormone (GH)

C1Q Complement Component (Complement C1Q)	
Mnemonic Code:	981
Department:	RI
Collect:	R
CPT Code:	86160
Specimen Requirements:	1 mL serum (red top tube). Do not collect in an SST tube.
Special Handling:	Avoid hemolysis. Invert a minimum of 8 times then allow to clot in an upright position for 30 minutes. Centrifuge for at least 10 minutes. Transfer serum to a plastic transport tube.

TB Blood Test (QuantIFERON)	
Mnemonic Code:	74451
Department:	Microbiology
Collect:	Patients should be sent to Patient Service Center for collection. QuantIFERON In-Tube collection tubes required. In-Tube collection tubes are a set of 3 tubes that are used specifically for collection for QuantIFERON testing.
CPT Code:	86480
Special Handling:	Draw blood in all 3 tubes, shake vigorously (until frothy), and send to laboratory at room temperature (DO NOT REFRIGERATE). Must be processed within 16 hours of collection.

Culture, Stool (routinely examined for Salmonella, Campylobacter, E.coli 0157, and Shigella. Specify if other organisms are of concern: Yersinia, Vibrio.)	
Unit Code:	103798
Mnemonic Code:	6649
Department:	Microbiology
Profile/Panel:	Digestive
CPT Code:	87045, 87046
Specimen Requirements:	Specimen in sterile, leak proof container, or in ParaPak C&S transport tube (available from laboratory; use if transport will be delayed >2 hours).
Spec Handling:	Rectal swab acceptable. 24 hour collections are unacceptable.

Procainamide & Napa									
Effective Date:	Immediately								
Order Code:	743								
Specimen requirements:	Patient Preparation: Collect as a trough just prior to next dose. 1 mL serum collected in a red-top tube (no gel). Minimum Specimen Volume - 0.2 ML								
Performing Department:	Toxicology								
Performing Site:	Quest Nichols Institute, Chantilly Va								
Result Code Mapping:	<table border="0"> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>86005848</td> <td>Procainamide</td> </tr> <tr> <td>86005849</td> <td>N-Acetylprocainamide</td> </tr> <tr> <td>86005850</td> <td>Procainamide, Total</td> </tr> </table>	Result Code	Result Name	86005848	Procainamide	86005849	N-Acetylprocainamide	86005850	Procainamide, Total
Result Code	Result Name								
86005848	Procainamide								
86005849	N-Acetylprocainamide								
86005850	Procainamide, Total								

VDRL, CSF					
Effective Date:	Immediately				
Order Code:	4128				
Specimen requirements:	1 mL refrigerated CSF				
Performing Site:	Quest Nichols Institute, Chantilly Va				
Result Code Mapping:	<table border="0"> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>85998817</td> <td>VDRL, CSF</td> </tr> </table>	Result Code	Result Name	85998817	VDRL, CSF
Result Code	Result Name				
85998817	VDRL, CSF				

Beta-2 Microglobulin, CSF					
Effective Date:	Immediately				
Order Code:	5500				
Specimen requirements:	1 mL refrigerated CSF				
Performing Site:	Quest Nichols Institute, Chantilly Va				
Result Code Mapping:	<table border="0"> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>86001105</td> <td>Beta-2 Microglobulin, CSF</td> </tr> </table>	Result Code	Result Name	86001105	Beta-2 Microglobulin, CSF
Result Code	Result Name				
86001105	Beta-2 Microglobulin, CSF				

Protein, Total and Protein Electrophoresis, CSF																			
Effective Date:	Immediately																		
Order Code:	749																		
Specimen requirements:	3 mL refrigerated CSF																		
Performing Site:	Quest Nichols Institute, Chantilly Va																		
Result Code Mapping:	<table border="0"> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>86001170</td> <td>Protein, Total, CSF</td> </tr> <tr> <td>86004156</td> <td>Pre-Albumin</td> </tr> <tr> <td>86004157</td> <td>Albumin</td> </tr> <tr> <td>86004158</td> <td>Alpha-1-Globulin</td> </tr> <tr> <td>86004159</td> <td>Alpha-2-Globulin</td> </tr> <tr> <td>86004160</td> <td>Beta Globulin</td> </tr> <tr> <td>86004161</td> <td>Gamma globulin</td> </tr> <tr> <td>86004162</td> <td>Interpretation</td> </tr> </table>	Result Code	Result Name	86001170	Protein, Total, CSF	86004156	Pre-Albumin	86004157	Albumin	86004158	Alpha-1-Globulin	86004159	Alpha-2-Globulin	86004160	Beta Globulin	86004161	Gamma globulin	86004162	Interpretation
Result Code	Result Name																		
86001170	Protein, Total, CSF																		
86004156	Pre-Albumin																		
86004157	Albumin																		
86004158	Alpha-1-Globulin																		
86004159	Alpha-2-Globulin																		
86004160	Beta Globulin																		
86004161	Gamma globulin																		
86004162	Interpretation																		

Angiotensin Converting Enzyme (ACE), CSF					
Effective Date:	Immediately				
Order Code:	34692				
Specimen requirements:	1 mL refrigerated CSF				
Performing Site:	Quest Nichols Institute, Chantilly Va				
Result Code Mapping:	<table border="0"> <tr> <td>Result Code</td> <td>Result Name</td> </tr> <tr> <td>86001578</td> <td>Angiotensin Converting Enzyme (ACE), CSF</td> </tr> </table>	Result Code	Result Name	86001578	Angiotensin Converting Enzyme (ACE), CSF
Result Code	Result Name				
86001578	Angiotensin Converting Enzyme (ACE), CSF				

TEST CHANGES (CHANGES ARE INDICATED IN BOLD PRINT)

West Nile Virus AB, CSF (IgG, IgM), ELISA							
Effective Date:	Immediately						
Order Code:	36597						
Specimen requirements:	1 mL refrigerated CSF						
Performing Site:	Quest Nichols Institute, Chantilly Va						
Result Code Mapping:	<table border="0"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85996234</td> <td>West Nile Virus IgG, CSF</td> </tr> <tr> <td>85996235</td> <td>West Nile Virus IgM, CSF</td> </tr> </tbody> </table>	Result Code	Result Name	85996234	West Nile Virus IgG, CSF	85996235	West Nile Virus IgM, CSF
Result Code	Result Name						
85996234	West Nile Virus IgG, CSF						
85996235	West Nile Virus IgM, CSF						

Lipoprotein(a)	
Test Code:	34604
Specimen Requirements:	1 ml Serum
CPU Interface mapping:	Old 2003601 - Lipoprotein (a) New 85985220 - Lipoprotein (a)

IgG Synthesis Rate															
Effective Date:	Immediately														
Order Code:	7558														
Specimen requirements:	2 mL refrigerated CSF and 1 mL refrigerated serum														
Performing Site:	Quest Nichols Institute, Chantilly Va														
Result Code Mapping:	<table border="0"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85997986</td> <td>Synthesis, Rate IgG, CSF</td> </tr> <tr> <td>85997987</td> <td>IgG Index, CSF</td> </tr> <tr> <td>85997988</td> <td>Albumin, CSF</td> </tr> <tr> <td>85997989</td> <td>IgG, CSF</td> </tr> <tr> <td>85997990</td> <td>IgG, serum</td> </tr> <tr> <td>85997991</td> <td>Albumin, serum</td> </tr> </tbody> </table>	Result Code	Result Name	85997986	Synthesis, Rate IgG, CSF	85997987	IgG Index, CSF	85997988	Albumin, CSF	85997989	IgG, CSF	85997990	IgG, serum	85997991	Albumin, serum
Result Code	Result Name														
85997986	Synthesis, Rate IgG, CSF														
85997987	IgG Index, CSF														
85997988	Albumin, CSF														
85997989	IgG, CSF														
85997990	IgG, serum														
85997991	Albumin, serum														

Oligoclonal Bands, CSF					
Effective Date:	Immediately				
Order Code:	674				
Specimen requirements:	1 mL refrigerated CSF and 1 mL refrigerated serum				
Performing Site:	Quest Nichols Institute, Chantilly Va				
Result Code Mapping:	<table border="0"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85997875</td> <td>Oligoclonal Bands, CSF</td> </tr> </tbody> </table>	Result Code	Result Name	85997875	Oligoclonal Bands, CSF
Result Code	Result Name				
85997875	Oligoclonal Bands, CSF				

Chromogranin A					
Effective Date:	Immediately				
Former Order Code:	34468				
New Order Code:	16379				
Specimen requirements:	0.8 mL serum, refrigerated				
Specimen Stability:	Whole blood: Room temperature: 5 days Refrigerated: 7 days Frozen: 6 months				
Performing Site:	Quest Diagnostics Nichols Institute, San Juan Capistrano				
Result Code Mapping:	<table border="0"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86006273</td> <td>Chromogranin A, ecl</td> </tr> </tbody> </table>	Result Code	Result Name	86006273	Chromogranin A, ecl
Result Code	Result Name				
86006273	Chromogranin A, ecl				

T & B Cells for Immunity (Includes CD3, CD4, CD8, CD19, CD16+CD56 count and CD4/CD8 Ratio.)	
Mnemonic Code:	71050
Department:	Flow Cytometry
Collect:	L
CPT Code:	86360, 86359, 86357, 86355, 86355
Specimen Req.:	Peripheral BLOOD: 1 lavender top tube (EDTA). Room temperature.
Spec Handling:	Avoid hemolysis. Gently invert 10 times. Keep at room temperature after collection. Transport to laboratory without delay. Any specimen collected on FRIDAY &/OR THE DAY PRIOR TO A HOLIDAY MUST be in the laboratory by 2pm for appropriate arrangements to be made: Call Flow Cytometry (208-6687) for STAT pick-up.
Technical Info:	Analysis performed Monday - Friday 0700 - 1600. TEST NOT PERFORMED ON WEEKENDS.

Acute Leukemia Profile (Flow Panel 1) (Includes T & B lymphoid markers and myeloid markers. Additional markers added as necessary)	
Mnemonic Code:	71152
Department:	Flow Cytometry
Collect:	GR & L
Profile/Panel:	Flow Panels
CPT Code:	88184 x1, 88185 x# of markers -1, 88187 or 88188, or 88189 dependent upon number of markers performed
Specimen Req.:	Contact Flow Laboratory (208-6687) prior to specimen collection. Any specimen collected on Friday &/or the day prior to a Holiday must be called by 2pm for appropriate arrangements to be made. Keep at room temperature.
Blood:	1 full green top tube and 1 lavender top tube. Results of a current CBC and a peripheral blood smear may be submitted in place of the lavender peripheral blood tube.
Bone Marrow:	1 mL bone marrow in green top tube, 1 unstained aspirate smear, 1 Wright stained aspirate smear, AND one peripheral blood collection in a lavender top tube. Results of a current CBC and a peripheral blood smear may be submitted in place of the lavender peripheral blood tube.
CSF:	minimum of 2 mL kept refrigerated on ICE from time of collection. MUST CALL PRIOR TO COLLECTION.
Fluids:	minimum of 2mL fluid at room temperature.
Spec Handling:	Peripheral blood, Bone Marrow aspirates, Fluid samples: Room temperature. & transport without delay. CSF: keep refrigerated & on ICE. MUST be in the lab with in the Hour of collection.
Technical Info:	Contact Flow Cytometry (208-6687) prior to specimen collection. Analysis performed Monday - Friday 0700 - 1800.

CLL/Lymphoma Profile (Flow Panel 2) (Includes T & B Lymphoid markers. Additional markers added as necessary)	
Mnemonic Code:	71151
Department:	Flow Cytometry
Collect:	GR & L
Profile/Panel:	Flow Panels
CPT Code:	88184 x1, 88185 x# of markers -1, 88187 or 88188, or 88189 dependent upon number of markers performed.
Specimen Requirements:	Contact Flow Laboratory (208-6687) as soon as the specimen is collected. Any specimen collected on Friday &/or the day prior to a Holiday must be called by 2pm for appropriate arrangements to be made.
Blood:	5 mL sodium heparin green top tube and 1 EDTA lavender top tube at room temperature. Results of a current CBC and a peripheral blood smear may be submitted in place of the lavender peripheral blood tube.
Bone Marrow:	minimum 1 mL bone marrow in sodium heparin green top tube at room temperature, 1 unstained aspirate smear, 1 Wright stained a pirate smear, AND one peripheral blood collection in an EDTA lavender top tube. Results of a current CBC and a peripheral blood smear may be submitted in place of the lavender peripheral blood tube.
CSF:	minimum of 2 mL kept refrigerated on ICE from time of collection. MUST CALL PRIOR TO COLLECTION.
Tissue:	send specimen in media or saline soaked gauze at room temperature with a HPS slide the following day.
Fluids:	minimum of 2 mL fluid at room temperature preferably in a sodium heparin green top tube to prevent clotting. Analysis is performed Monday - Friday.
Special Handling:	Peripheral blood, Bone Marrow aspirates, Fluid samples: Room temperature & transport without delay. CSF: keep refrigerated & on ICE. MUST be in the lab with in the HOUR of collection.
Technical Info:	Contact Flow Cytometry (208-6687) for any questions concerning specimen collection. For processing questions after regular MVH FLOW department hours, contact the on-call technician. The on-call list may be found in the weekend binder in the processing department at Sandridge or on the on-call board in MVH processing department. Analysis performed Monday - Friday 0700 - 1800.

TEST CHANGES (CONTINUED)

Helper/Suppressor Ratio (Includes CD3, CD4, CD8 count and CD4/CD8 Ratio.)	
Mnemonic Code:	71155
Department:	Flow Cytometry
Collect:	L
CPT Code:	86359, 86360
Specimen Req.:	Peripheral BLOOD: 1 lavender top tube (EDTA).
Spec Handling:	Avoid hemolysis. Gently invert 10 times. Keep at Room temperature after collection. Transport to laboratory without delay. Any specimen collected on FRIDAY &/OR PRIOR TO A HOLIDAY MUST be in the laboratory by 2pm for appropriate arrangements to be made: Call Flow Cytometry (208-6687) for STAT pick-up.
Technical Info:	Samples MUST be in the laboratory by 1400 on Fridays &/or the day prior to a Holiday. Analysis performed Monday - Friday 0700 - 1600. TEST NOT PERFORMED ON WEEKENDS.

PNH Profile (Flow Panel 3)	
Mnemonic Code:	73878
Department:	Flow Cytometry
Collect:	GR & L
Profile/Panel:	Flow Panels
CPT Code:	88184 x1, 88185 x# of markers -1, 88187 or 88188, or 88189 dependent upon number of markers performed
Specimen Req.:	Contact Flow Laboratory (208-6687) as soon as the specimen is collected. Any specimen collected on Friday must be called by 2pm for appropriate arrangements to be made.
Peripheral BLOOD only:	1 full green top tube and 1 lavender top tube at room temperature. Results of a current CBC and a peripheral blood smear may be submitted in place of the lavender peripheral blood tube. Analysis is performed Monday - Friday.
Spec Handling:	Keep at Room temperature after collection. Contact Flow Cytometry (208-6687) as soon as the specimen is collected.
Technical Info:	Contact Flow Cytometry (208-6687) for any questions concerning specimen collection. For processing questions after regular MVH FLOW department hours, contact the on-call technician. The on-call list may be found in the weekend binder in the processing department at Sandridge or on the on-call board in MVH processing department. Analysis performed Monday - Friday 0700 - 1800. TEST NOT PERFORMED ON WEEKENDS.

DISCONTINUED TESTS

DSDNA Antibody, IFA (Double Stranded DNA, IFA)	
Effective Date:	Immediately
Test Code:	73826
Additional Information:	This test has been discontinued and replaced by test 37092 DNA (DS) Antibody, Crithidia IFA W/Reflex to Titer. This test was previously sent to Focus Laboratory for testing. The test is now performed by Quest Diagnostics Nichols Institute.

PTH Related Peptide (PTH Related Protein)	
Effective Date:	Immediately
Order Code:	71088
Additional Information:	This test has been discontinued and replaced by test 34478 PTH Related Protein. This test was previously sent to Mayo Laboratory for testing. The test is now performed by Quest Diagnostics Nichols Institute.

Thyrotropin Releasing Hormone	
Effective Date:	Immediately
Order Code:	36588
Comments:	Due to technical issues, this assay has been discontinued.

Dog Epithelia (e2) IgE	
Effective Date:	December 1, 2010
Test Code:	2602
Additional Information:	This test has been discontinued and replaced by test 2605 Dog Dander (e5). Test performed at CompuNet.

You can view the current and past issues of the Quality Update at www.compunetlab.com under Healthcare Providers tab.
For address changes or to unsubscribe, please call (937) 297-8336.

Editor-In-Chief: Daniel L. Hood, MD, Medical Director, Editor: Kim Stanforth
Contributors: Amanda Clark, Joanne Denlinger, Nicole Kahmann, Gina Kilbane, Ike Northern, Denise Watkins

CompuNet and its associated logo are registered trademarks of CompuNet Clinical Laboratories, LLC. All rights reserved.

All third party marks, ® and ™ are the property of their respective owners.

