



**STANDARDIZED TESTING / OPERATING PROTOCOL REQUEST/ANNOUNCEMENT**


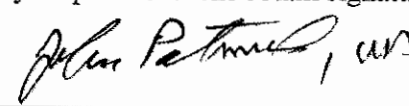
**AP, AR, MHP, WH, and WL: Go Live of Respiratory and Blood Culture Identification Panels on Biofire at Moses Cone**

Description:	The Moses Cone Microbiology department will go live with Respiratory Panel (RVPPCR) testing. Moses Cone will provide RVPPCR testing to all campuses. Additionally, Moses Cone will go live with Blood Culture Identification Panels (BCID).
Implementation Date:	1000 on 05/01/2017
Performing Locations:	<p><b>Click on the boxes that apply:</b></p> <input type="checkbox"/> Alamance Regional <input type="checkbox"/> Annie Penn Hospital <input checked="" type="checkbox"/> Moses Cone Hospital <input type="checkbox"/> Med Center at High Point <input type="checkbox"/> Wesley Long Hospital <input type="checkbox"/> Women's Hospital
Affected Locations:	<p><b>Click on the boxes that apply:</b></p> <input checked="" type="checkbox"/> Alamance Regional <input checked="" type="checkbox"/> Annie Penn Hospital <input type="checkbox"/> Moses Cone Hospital ← <b>Moses Cone will have site-specific STOP announcement.</b> <input checked="" type="checkbox"/> Med Center at High Point <input checked="" type="checkbox"/> Wesley Long Hospital <input checked="" type="checkbox"/> Women's Hospital
Affected Departments:	<p><b>Click on the boxes that apply:</b></p> <input type="checkbox"/> Blood Bank <input type="checkbox"/> Cytology <input type="checkbox"/> Flow Cytometry <input type="checkbox"/> Histology <input checked="" type="checkbox"/> Microbiology <input type="checkbox"/> Phlebotomy <input type="checkbox"/> Point of Care <input checked="" type="checkbox"/> Rapid Response Lab <input type="checkbox"/> Respiratory Therapy <input checked="" type="checkbox"/> Specimen Processing
Specimen Type:	<b>Nasopharyngeal swab in VTM only (refrigerated 2 – 8 °C for three days).</b>

Updated Clinical Lab Procedures:	MICRO-2270-AP Blood Cultures
Retired Clinical Lab Procedures:	N/A
Notification to Client:	<p><b>Click on the boxes that apply:</b>  <input type="checkbox"/> Section Not Applicable  <input checked="" type="checkbox"/> Memo Needed  <a href="#">Memo sent on 04/25/2017</a></p> <p><b>Distribution of Memo:</b>  <input checked="" type="checkbox"/> Medical Staff  <input checked="" type="checkbox"/> Allied Health Professionals (PA, Nurse Practitioners)  <input checked="" type="checkbox"/> Anesthesia  <input checked="" type="checkbox"/> Annie Penn (Primary Source Physicians)  <input checked="" type="checkbox"/> Dentist  <input checked="" type="checkbox"/> Emergency Department/Urgent Care Centers  <input checked="" type="checkbox"/> Family Practice  <input checked="" type="checkbox"/> Infectious Docs #ID Docs                  (John Campbell, Robert Comer, Jeffrey Hatcher, Cynthia Snider, Kees Van Dam)  <input checked="" type="checkbox"/> OB/GYN  <input checked="" type="checkbox"/> Pathology  <input checked="" type="checkbox"/> Pediatricians  <input checked="" type="checkbox"/> Psych  <input checked="" type="checkbox"/> Radiology  <input checked="" type="checkbox"/> Surgery</p> <p><input checked="" type="checkbox"/> #Nursing Leadership (Directors, Asst. Directors, Clinical Nurse Manager)  <input checked="" type="checkbox"/> Pharmacy - Send to DeAnne Brooks &amp; Jim Hasspacher  <input checked="" type="checkbox"/> #IM Residents  <input checked="" type="checkbox"/> Kim Helsabeck  <input type="checkbox"/> Phlebotomy Managers and Supervisors  <input type="checkbox"/> Point of Care: Sheila, Kim &amp; Marty</p>
Accreditation Section:	<p><b>Click on the boxes that apply:</b>  <input type="checkbox"/> Section Not Applicable  <input checked="" type="checkbox"/> CAP Test menu change needed  <a href="#">Changes to Moses Cone test menu will be covered in Moses Cone site-specific STOP announcement for Biofire</a>  <input type="checkbox"/> CMS Analyte form change needed  <input type="checkbox"/> Proficiency Testing surveys changes needed or ordered</p>
Laboratory IT section:	<p><b>Click box and type needed changes/additions:</b>  <input type="checkbox"/> Section Not Applicable  <input checked="" type="checkbox"/> LIS changes</p>

AP, AR, MHP, WH, and WL → SPOT maintenance to allow SMART batching to MC for RVPPCR  
Remove RVPAN from Preference Lists in CHL  
Add RVPPCR to Preference Lists in CHL  
Inactivate RVPAN in Sunquest  
 Reference range change/addition  
RVPPCR:  
Adenovirus: Not Detected  
Coronavirus HKU1: Not Detected  
Coronavirus NL63: Not Detected  
Coronavirus 229E: Not Detected  
Coronavirus OC43: Not Detected  
Human Metapneumovirus: Not Detected  
Human Rhinovirus/Enterovirus: Not Detected  
Influenza A: Not Detected  
Influenza A/H1: Not Detected  
Influenza A/H3: Not Detected  
Influenza A/H1-2009: Not Detected  
Influenza B: Not Detected  
Parainfluenza Virus 1: Not Detected  
Parainfluenza Virus 2: Not Detected  
Parainfluenza Virus 3: Not Detected  
Parainfluenza Virus 4: Not Detected  
Respiratory Syncytial Virus: Not Detected  
*Bordetella pertussis*: Not Detected  
*Chlamydia pneumoniae*: Not Detected  
*Mycoplasma pneumoniae*: Not Detected  
  
BCID:  
*Acinetobacter baumannii*: Not Detected  
*Haemophilus influenzae*: Not Detected  
*Neisseria meningitidis*: Not Detected  
*Pseudomonas aeruginosa*: Not Detected  
*Enterobacter cloacae* complex: Not Detected  
*Escherichia coli*: Not Detected  
*Klebsiella oxtoca*: Not Detected  
*Klebsiella pneumoniae*: Not Detected  
*Proteus*: Not Detected  
*Serratia marcescens*: Not Detected  
*Enterococcus*: Not Detected  
*Listeria monocytogenes*: Not Detected  
*Staphylococcus aureus*: Not Detected  
*Streptococcus agalactiae*: Not Detected  
*Streptococcus pneumoniae*: Not Detected

<p><i>Streptococcus pyogenes</i>: Not Detected <i>Candida albicans</i>: Not Detected <i>Candida glabrata</i>: Not Detected <i>Candida krusei</i>: Not Detected <i>Candida parapsilosis</i>: Not Detected <i>Candida tropicalis</i>: Not Detected <i>mecA</i> – methicillin resistance: Not Detected <i>vanA/B</i> – vancomycin resistance: Not Detected <i>KPC</i> – carbapenem resistance: Not Detected <input type="checkbox"/> Technical Failure change/addition <input checked="" type="checkbox"/> Critical Value change/add</p> <p><b>BCID:</b> <i>Acinetobacter baumannii</i>: Detected <i>Haemophilus influenzae</i>: Detected <i>Neisseria meningitides</i>: Detected <i>Pseudomonas aeruginosa</i>: Detected <i>Enterobacter cloacae complex</i>: Detected <i>Escherichia coli</i>: Detected <i>Klebsiella oxtoca</i>: Detected <i>Klebsiella pneumoniae</i>: Detected <i>Proteus</i>: Detected <i>Serratia marcescens</i>: Detected <i>Enterococcus</i>: Detected <i>Listeria monocytogenes</i>: Detected <i>Staphylococcus aureus</i>: Detected <i>Streptococcus agalactiae</i>: Detected <i>Streptococcus pneumoniae</i>: Detected <i>Streptococcus pyogenes</i>: Detected <i>Candida albicans</i>: Detected <i>Candida glabrata</i>: Detected <i>Candida krusei</i>: Detected <i>Candida parapsilosis</i>: Detected <i>Candida tropicalis</i>: Detected <i>mecA</i> – methicillin resistance: Detected <i>vanA/B</i> – vancomycin resistance: Detected <i>KPC</i> – carbapenem resistance: Detected</p> <p><input type="checkbox"/> Text comments needed <input checked="" type="checkbox"/> Specimen collection instructions RVPPCR: Specimen Type: SW, Special Instructions: Nasopharyngeal swab in VTM only <input type="checkbox"/> Need to monitor TAT <input checked="" type="checkbox"/> CPT code for tests(s) BCID – 87150</p>
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<p>Technical Staff Update:</p>	<p>RVPPCR – 87633, 87798, 87581, 87486</p> <p>All locations will send RVPPCR orders to Moses Cone for testing. These orders should be batched via the SMART module in Sunquest.</p> <p><b>All Sites</b>                  Please note the <b><u>only acceptable specimen for RVPPCR is a nasopharyngeal swab in viral transport media</u></b>. LabCorp accepted other sample types, e.g. nasal washings and sputums, which are not acceptable on the Biofire platform. Please refrigerate these specimens upon receipt.</p> <p><b><u>MedCenter, Wesley Long, and Women’s</u></b></p> <ul style="list-style-type: none"> <li>• Send RVPPCR testing to Moses Cone via DASH courier. Cone will test on first shift so STAT courier is not required.</li> <li>• BCID is not an orderable test and will only be added when a BLC is positive.</li> </ul> <p><b><u>Alamance Regional</u></b></p> <ul style="list-style-type: none"> <li>• Send RVPPCR testing to Moses Cone via courier.                         <ul style="list-style-type: none"> <li>○ Send with Cone courier at 3 pm. If after 3 pm courier pick-up, contact LabCab courier.</li> </ul> </li> <li>• Continue to perform GIPCR testing for all campuses.</li> <li>• Continue to perform ARMC BCID panels.</li> </ul> <p><b><u>Annie Penn</u></b></p> <ul style="list-style-type: none"> <li>• Send RVPPCR testing to Moses Cone via DASH courier. Cone will test on first shift so STAT courier is not required.</li> <li>• Continue to process blood cultures on site. Perform STAT Gram Stain on positive BLC. Plate per protocol and <b><u>send bottle and plates to Moses Cone for BCID testing</u></b>. The sample is stable for 8 hours at room temperature. Send with normal courier if it will arrive within 8 hours. Call STAT courier if it will not arrive within 8 hours with normal courier schedule.</li> </ul>
<p>STOP Initiator:</p>	<p>Jeff Beaman</p>
<p>Alamance Medical Director Signature/Date:</p>	<p>Quality Department will obtain signature:   5/11/17</p>
<p>Greensboro/Reidsville Medical Signature/Date:</p>	<p>Quality Department will obtain signature:   4/27/17</p>



To: Medical Staff

From: Joshua B. Kish, MD, FCAP, FASCP  
Chief of Pathology, Cone Health

*Joshua B. Kish 4/24/17*

John Patrick, MD, FCAP  
Medical Director, Clinical Pathology, Cone Health

*John Patrick, MD 4/24/17*

Tara Rubinas, MD, FCAP, FASCP  
Medical Director, Anatomic and Clinical Pathology Laboratories, Alamance Regional – Cone Health

*Tara C. Rubinas MD 4/24/17*

Date: April 25, 2017

Re: Implementation of Respiratory Panel and Blood Culture Identification Panels at Moses Cone  
**Effective May 2, 2017**

The Cone Health Laboratories will implement Biofire in Moses Cone Microbiology. This technology offers syndromic testing of infectious diseases, providing rapid and specific pathogen diagnoses via PCR, and is currently in place at Alamance Regional for Stool Pathogen Panels for all locations.

Moses Cone will provide all campuses with Respiratory Panel testing, which will improve turnaround times. The Biofire Respiratory Panel tests for a comprehensive set of 20 viral and bacterial targets to aid providers in treating respiratory tract infections:

- |                              |                       |                                  |
|------------------------------|-----------------------|----------------------------------|
| Adenovirus                   | Influenza A*          | Parainfluenza Virus 3            |
| Coronavirus HKU1             | Influenza A/H1*       | Parainfluenza Virus 4            |
| Coronavirus NL63             | Influenza A/H3*       | Respiratory Syncytial Virus      |
| Coronavirus 229E             | Influenza A/H1-2009*  | <i>Bordetella pertussis</i>      |
| Coronavirus OC43             | Influenza B           | <i>Chlamydomphila pneumoniae</i> |
| Human Metapneumovirus        | Parainfluenza Virus 1 | <i>Mycoplasma pneumoniae</i>     |
| Human Rhinovirus/Enterovirus | Parainfluenza Virus 2 |                                  |

\*The laboratories will continue to provide separate Influenza testing.

Please note the sample requirements for this panel have changed. Only nasopharyngeal specimens in viral transport media are acceptable. The laboratory cannot perform testing on sputum or nasal/bronchial washings.

Additionally, Moses Cone will provide Blood Culture Identification (BCID) Panels for the Greensboro and Reidsville campuses, which will standardize all locations with current Alamance processes. BCID provides rapid identification of 24 gram positive, gram negative, and yeast pathogens and 3 antibiotic resistance genes associated with bloodstream infections.

For information regarding the Biofire and its panels, please contact Jeff Beaman, Manager of Microbiology, at [jeff.beaman@conehealth.com](mailto:jeff.beaman@conehealth.com) (336-832-8389).