
Anatomic Pathology Services at Nationwide Children's

Nationwide Children's Laboratory Services and the Institute for Genomic Medicine (IGM) Clinical Laboratories are composed of a professional staff of more than 20 board-certified pathologists and doctoral scientists with subspecialty expertise in pediatric diseases. As an integral part of Nationwide Children's, we provide a wide range of diagnostic services for hospitalized and ambulatory patients in over 20 laboratory service centers throughout Ohio.

The Anatomic Pathology Laboratory processes approximately 12,500 surgical cases, 100-150 autopsies, and 350 bone marrow specimens annually. Complete with full-service state-of-the-art laboratories, our staff has extensive experience with evaluation and diagnosis of pediatric surgical specimens, as well as perinatal and postmortem examinations.

In addition to our wide array of specimen processing, the Anatomic Pathology laboratory offers full profession consultation and technical services. These services include but are not limited to pathologist slide review for consultation, technical with interpretation requests, and technical only requests. Available technical services include grossing, processing, embedding, cutting, and staining, including special stains and immunohistochemical stains. Permutations of these choices can also be accommodated by our laboratory.

The Anatomic Pathology specialty section of our web page includes information on required and accepted materials as well as links to our consultation requisition and stain menu. The information and materials can be accessed via the following link: NationwideChildrens.org/Specialties/Laboratory-Services/for-Providers/Anatomic-Pathology-Consultation

For questions regarding pathology consults, please contact the Anatomic Pathology department at (614)722-5450. For questions or to learn more about Nationwide Children's Laboratory Services, contact Client Services at (800) 934-6575 or visit NationwideChildrens.org/Lab.

Weekly Respiratory and GI Pathogen Reports

For many years Laboratory Services has published an electronic weekly respiratory pathogen report that details the trends for positive respiratory pathogens in the NCH inpatient and outpatient population. This report now has a new look!

What is changing?

- Results on the corresponding graphs will represent the % positive vs. the number positive. This will better represent the positivity rates.
- The charts and graphs are more consolidated to reduce the page number making it easier to view on a smart phone or other device.

We are also introducing a NEW weekly GI pathogen report at the request of our community practice partners. The format follows the respiratory pathogen report, and represents positive test results from the GI Film Array panel and individual stool infectious disease test (i.e. Rotavirus antigen). It does not include results from the general stool culture.

Both the *Respiratory Pathogen Report* and the new *GI Pathogen Report* are available on the Laboratory Services web page. NationwideChildrens.org/Lab

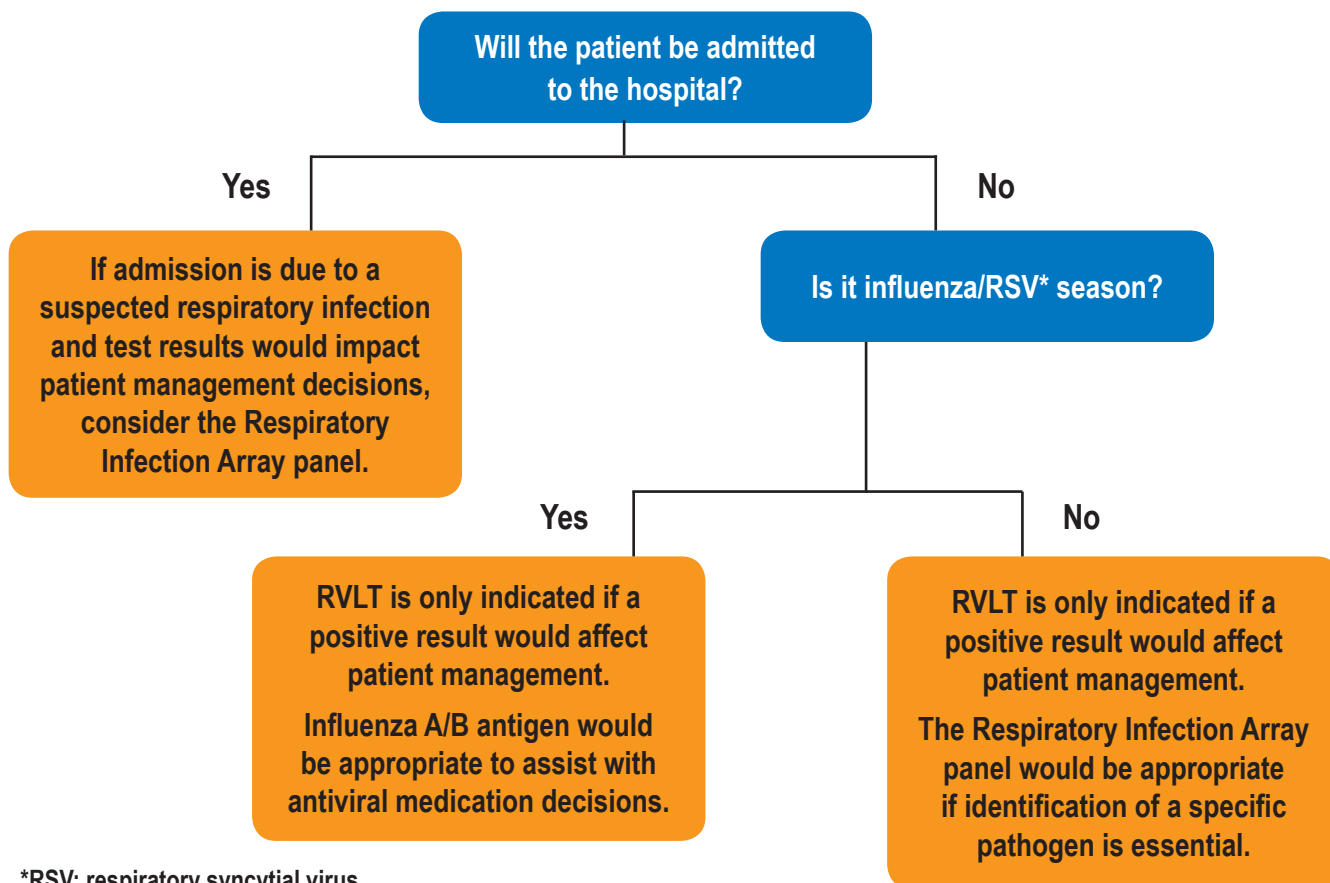


INFORMATION TO KNOW

Nationwide Children's Offers Guidance to Our Clinician Partners on the Choices for Influenza Testing and Their Suggested Clinical Utilization.

The Centers for Disease Control and Prevention recommend ordering respiratory virus laboratory tests (RVLT) for patients being admitted to the hospital with influenza symptoms or patients whose clinical management would be influenced by test results. Patients in groups at high risk for complications who have a clinical diagnosis of influenza may benefit from starting empiric antiviral treatment. Patients hospitalized during influenza season with influenza-like illness should also start empiric antiviral treatment while molecular assays are pending.

Respiratory Virus Laboratory Testing (RVLT) Decision Tool



*RSV: respiratory syncytial virus

Be Prepared this Respiratory Illness Season

Respiratory season is almost here and Laboratory Services would like to encourage you to check your expiration dates and stock up on supplies for suspected respiratory illnesses that Laboratory Services can provide for you.

As a reminder, the M4 viral transport media (blue cap) has been replaced by M6 media (red cap). Providing it has not expired, please use the remainder of your M4 media before you start using your new supply of M6 media. We will continue to accept samples that have been collected in M4 media and before the published expiration date.

After sample collection, both M4 and M6 collected specimens **MUST be refrigerated** and transported on wet ice or refrigerated cold-packs.

INFORMATION TO KNOW

Lockbox Specimen Storage Reminder

If refrigerated samples are stored in the lockbox, a non-frozen cold pack stored at refrigerated temperature should be placed in the lockbox to maintain the samples at the refrigerated temperature. The cold pack **should not be frozen**, since you do not want refrigerated whole blood samples to freeze. Many laboratory tests performed require adequate refrigeration of specimens. By following this lockbox practice, you will help insure the integrity of the samples and ultimately obtain reliable laboratory results.

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Required Information for Lead Level Testing

As a reminder, the Ohio Revised Code 3701-30-05 states that the Ohio Department (ODH) of Health requires the following demographic information to be provided to ODH on any child who is tested for lead levels and resides in the state of Ohio:

- Child's full name
- Child's street and mailing address, including the city, state, county and zip code
- Child's date of birth, sex, race and ethnicity
- Child's parent or guardian name
- Telephone number, with area code, where the parent or guardian can be reached
- Physician's or healthcare provider's first name, last name, address, telephone number, and national provider identifier, if applicable.

If demographics are missing, Laboratory Services will attempt to reach out to you. If all information cannot be collect in a timely manner testing will not be performed. We will accept patient demographic sheets providing all information required is complete.

TEST UPDATES

Enterovirus D68

Laboratory Services now offers qualitative testing for Enterovirus D68 (EV-D68) by real-time PCR. Enterovirus D68 PCR will be available for nasopharyngeal swab samples as a stand-alone test and can be added to orders for other respiratory agents. The virus is detected by the Respiratory Infection Array testing (e.g. Rhinovirus/Enterovirus positive) but not specifically identified as EV-D68.

Enterovirus D68 (EV-D68) is one of many non-polio enteroviruses. In the summer and fall of 2014 and again in 2018, we experienced local outbreaks of EV-D68 associated with severe respiratory illness.

Nationally, almost all of the confirmed cases of EV-D68 have been among children, many whom had asthma or a history of wheezing. Additionally, there were likely many thousands of mild EV-D68 infections for which people did not seek medical treatment and/or got tested. There has also been a reported association between EV-D68 infection and acute flaccid myelitis and other neurological manifestations.

Consult with Infectious Diseases if any neurologic manifestations are identified (i.e. acute flaccid myelitis, transverse myelitis, opsoclonus myoclonus syndrome, encephalitis, etc). Implement standard Contact and Droplet Precautions for any patient with suspected or confirmed EV-D68 infection.

For more information about the test update, please contact Nationwide Children's Laboratory Client Services at (614) 722-5477 or (800) 934-6575.



**NATIONWIDE
CHILDREN'S**

When your child needs a hospital, everything matters.™

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How can Nationwide Children's Laboratory Services help your practice?

- Pediatric pathologist consults on lab results
- Wide acceptance of insurance plans
- Pediatric reference ranges
- Services to enhance the laboratory process in your practice
- Interface compatibility with provider EMR systems



If you would like to become a client or learn more information about Nationwide Children's Laboratory Services, contact us at (800) 934-6575 or visit our website at NationwideChildrens.org/Lab.

Would you like to receive the Nationwide Children's Laboratory Services Newsletter electronically? Please e-mail us at LaboratoryServices@NationwideChildrens.org and let us know!