



MARCH 2006

Riley Physician Update

INFORMATION *for* OUR REFERRING PHYSICIANS

WELCOME

Welcome to *Riley Physician Update*, a newsletter of Riley Hospital for Children created specifically for you — our referring physicians and partners in caring for Indiana’s children. You are an important part of our health care team, and we want to keep you abreast of any updates about Riley programs and services and how they can benefit your patients. Thank you for helping us care for the children and families who depend on us every day.

– Ora Pescovitz, MD
PRESIDENT AND CHIEF EXECUTIVE OFFICER
RILEY HOSPITAL FOR CHILDREN

DIAGNOSIS: respiratory viruses



by John C. Christenson, MD
Professor of Clinical Pediatrics, IUSM
Director, Pediatric Travel Medicine Clinic
jcchrist@iupui.edu

Rapid viral diagnostic assays have become extremely useful clinical tests. The diagnosis of a respiratory virus as a cause of a febrile illness in some cases may prevent hospital admission or may result in a more prompt hospital discharge, a reduction in unnecessary diagnostic tests such as bacterial cultures; and a reduction in the use of antibiotics [resulting in a potential reduction in antimicrobial resistance]. All of these may result in a reduction in health care expenditures [Byington CL et al. Arch Pediatr Adolesc Med 2002;156:1230-1234].

Antiviral agents such as rimantadine, amantadine, oseltamivir [Tamiflu®], and zanamivir [Relenza®] are available for the treatment of influenza. Initiating therapy promptly (ideally in the first 12-24 hours of symptoms) is more likely to benefit the patient. Some of these agents are licensed for preventive use too. Rapid diagnostic tests are likely to identify good candidates for therapy.

A viral culture is done on each specimen. For the laboratory to be able to provide you with the most accurate results, the specimen must contain an appropriate number of respiratory epithelial cells. Nasal and throat swabs do not provide enough cells and so are not the best specimens for fluorescent stains. Nasopharyngeal aspirates and washes give the best results. A recent paper once again confirms this finding [MacFarlane P et al. Arch Dis Child 2005;90:634-635]. While nasal swabs are less uncomfortable than aspirates or washes, the yield is lower. On a regular basis, many more specimens are negative than positive. What is the reason? It may be a lower yield due to swab submission; but it also could be “new” pathogens [for example, human metapneumovirus, coronaviruses, etc]. Whenever possible, we should be submitting the best specimen possible so we can have the best yield.

A sterile specimen trap [used to collect respiratory secretions] can be used to collect these specimens. In addition to the aspirate, a nasopharyngeal swab should also be included [both can be included in the same viral transport medium]. Please remember that when placing the Dacron swab into the transport medium tube, insert the swab and its wire shaft carefully and cut off the wire loop so it all fits in the tube. The tube’s lid should screw on tightly to avoid leaks. Specimens need to be submitted to the laboratory as soon as possible.

What's New at Riley...

Outpatient sub-specialty services move to CNMC

The outpatient sub-specialty services offered on the north side of Indianapolis have moved to Riley Hospital at Clarian North Medical Center (CNMC), located at 116th and Meridian streets in Carmel (Hamilton County). Many areas are available, listed below.

The outpatient services offer a convenient way to serve Riley's patients who live in Hamilton County and the northern region of Indiana. CNMC offers free parking and a peaceful, healing environment.

To schedule your patients, call IMACS at (800) 622-4989 or (317) 916-3500.

- Adolescent medicine
- Developmental pediatrics
- Pediatric allergy
- Pediatric cardiology
- Pediatric endocrinology
- Pediatric gastroenterology
- Pediatric hematology – oncology
- Pediatric nephrology
- Pediatric pulmonology
- Pediatric rheumatology
- Pediatric surgery



Welcome, new physicians

Jayne Allen, MD

IUSM Section of Neonatal/Perinatal Medicine,
Department of Pediatrics.
(317) 274-4715

Reynaldo Dela Rosa, MD

IUSM Section of Pediatric Pulmonology,
Critical Care & Allergy,
Pediatric Intensive Care Unit.
(317) 274-7208 or (800) 622-4989

John Lubicky, MD

IUSM Section of Orthopedic Surgery.
Clinical expertise: Spina bifida, scoliosis.
(317) 274-2500 or (800) 622-4989

Gregory Montgomery, MD

IUSM Section of Pediatric Pulmonology,
Critical Care & Allergy,
Pediatric Intensive Care Unit.
(317) 274-7208 or (800) 622-4989

Dominique Nickson, MD

IUSM Section of Orthopedic Surgery.
Clinical expertise: Sports- and trauma-related foot and ankle injuries, complex reconstruction of the foot and ankle.
(317) 274-7372 or (800) 622-4989

Thomas Richard Vetter, MD

medical director, The Riley Pain Center.
Clinical expertise: Pain associated with chronic diseases, injuries, sports activities or surgeries.
(317) 278-7040 or (800) 622-4989





Riley physician liaisons: Your link to Riley services

Our Riley pediatric physician liaisons are available to assist you with the following:

- building relationships with consulting physicians
- updating you about Riley's programs and services
- helping with problem solving, such as navigating the Riley system or getting a response from our physicians
- checking in with you by visiting your practice and finding out how your referrals are going

Your physician liaison:

Jennifer Baron, (317) 962-4525 or jbaron@clarian.org

.....

IMACS telephone service connects physicians to Riley

IMACS gives physicians and their office staffs timely access to the physicians of Riley. Call IMACS when you need to:

- set up a clinical consultation
- refer a patient
- discuss a patient you've already referred
- access medical libraries, the alumni office or Indiana University School of Medicine Continuing Medical Education
- connect with Clarian's LifeLine helicopter or newborn intensive care vans.

(317) 916-3500 or (800) 622-4989



News Bytes

LifeLine consolidated with Riley: LifeLine helicopter transport has combined with Riley's pediatric transport to become LifeLine Critical Care Transport. LifeLine is now Indiana's largest and most experienced medical transport system serving newborns, children and adults.

(800) 982-STAT

The Riley Pain Center opens: The Riley Pain Center opened last fall at Riley and offers inpatient and outpatient chronic pain management at Riley and at facilities throughout the state. The center treats infants, children and adolescents:

- whose persistent pain is associated with a coexisting chronic disease, an injury, sports activity or surgery. (Such persistent pain can include somatic pain, neuropathic pain or visceral pain.)
- whose pain is associated with conditions such as cancer, cerebral palsy, fibromyalgia, chronic headache, functional abdominal pain, myofascial pain syndromes and reflex sympathetic dystrophy.

(317) 278-7040

Riley announces Phase V: Riley has begun its Phase V building, a 10-story, \$235 million tower scheduled to open in 2008. Phase V will expand the hospital's pediatric critical care unit, neonatal intensive care units and operating rooms.

Riley joins advocacy efforts for Indiana's children: Riley recently joined more than 200 child advocates from Indiana for "Children, Our Best Investment." This advocacy event is held annually to help Hoosiers learn how they can assist their state legislators in making better decisions about important child and family issues.

Riley Physician Update

INFORMATION *for* OUR REFERRING PHYSICIANS



Coming up in Riley Physician Update...

Riley Hospital for Children now has three locations...Riley Hospital for Children (downtown Indianapolis); Riley Hospital for Children at Clarian North Medical Center (Carmel, Indiana); and Riley Hospital for Children at Methodist Hospital (Indianapolis). Read more about our newest location at Methodist and the services available there in our next newsletter.

INDIANAPOLIS

702 Barnhill Drive
Indianapolis, Indiana 46202
(317) 274-5000
www.rileyhospital.org

CARMEL

11700 North Meridian Street
Carmel, Indiana 46032
(317) 688-2000
www.clariannorth.com



Riley Hospital *for* Children

A Clarian Health Partner