



Livingston County

Department of Public Health

Communicable Disease Update

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PERTUSSIS UPDATE

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Like the nation and the state, Livingston County continues to receive reports of a record number of pertussis (whooping cough) cases. At least 34 confirmed and probable cases of pertussis have been reported in Livingston County this year, with the majority of these cases in unvaccinated children.

Clinicians should consider pertussis in prolonged cough illnesses (2+ weeks).

Diagnosis: Recommended diagnostic tests are culture or PCR of nasopharyngeal (NP) aspirate or swab (Dacron).

Report: Cases should be reported to local public health departments, investigated, and classified according to the national surveillance case definition.

Treatment: Recommended treatment is a course of a macrolide antibiotic (5 days azithromycin, or 7 days clarithromycin, or 14 days erythromycin; an alternative is 14 days TMP-SMZ).

Secondary Prevention: Household and other close contacts of cases should receive antibiotic prophylaxis within 3 weeks of exposure using same antibiotics and doses in treatment recommendations.

Primary Prevention: Infants and children should receive pertussis vaccine series (DTaP) as per the U.S. recommended childhood immunization schedule. All doses should be given as close to the recommended ages as possible. A routine pertussis vaccine booster dose (Tdap) is recommended for adolescents and adults, and is especially important for those in contact with infants.

Additional information is available at the Centers for Disease Control and Prevention website <http://www.cdc.gov/vaccines/vpd-vac/pertussis/default.htm> or by calling the Livingston County Department of Public Health at (517) 546-9850.

Pertussis Case Definition (Clicking on the disease name will take you to the disease case definition.)
http://www.michigan.gov/mdch/0,1607,7-132-2945_5104_53072_53073---,00.html

Seasonal Flu Clinic

The Livingston County Department of Public Health will be holding a walk-in flu clinic for Adults Only on Thursday, September 24, 2009. Clinic hours will be from 10:00 a.m. until 4:00 p.m. Infants and children in need of flu vaccine may receive it along with any other needed vaccines during our regularly scheduled Wednesday immunization clinics beginning September 16, 2009. For more information, go to www.lchd.org.

NOVEL INFLUENZA A (H1N1) VIRUS INFECTIONS AMONG HEALTH-CARE PERSONNEL (HCP) IN THE U.S.

Morbidity and Mortality Weekly Report dated June 19, 2009 (Vol. 58/No. 23)

The Centers for Disease Control and Prevention (CDC) recommends adherence to comprehensive infection-control strategies to reduce the risk of H1N1 infection transmission in health-care settings.

These strategies should include:

- administrative controls (e.g., visitor policies and triage of potentially infectious patients), provision of infection-control resources,
- vaccination of healthcare workers,
- training in infection-control practices and correct use of PPE,
- identification of all ill healthcare workers, and exclusion of ill healthcare workers from work.

This article can be accessed at <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5823a2.htm>.

Helpful website:

10 Steps You Can Take: Actions for Novel H1N1 Influenza Planning and Response for Medical Offices and Outpatient Facilities <http://www.cdc.gov/h1n1flu/10steps.htm>

Health Care Providers Sign up Today to Gain Quick Access to Timely CD Updates Via Email!

See the request included with this issue to learn how to gain instant access to:

- Pertinent topics dealing with the current flu season
- [Resources for clinicians](#), [guidelines](#) for infection control and clinical management, and [planning guides](#)
- Influenza Surveillance and Avian Flu updates

To contact LCDPH:

During normal business hours – Monday through Friday: 8 AM to 5 PM (517) 552 – 6882.

Ask for CD Nurse on call.

After Hours:

Calls within Livingston County, dial 911.

Calls from outside Livingston County, dial (517) 546-9111.

Ask for CD Nurse on call.