



Michigan Department of Community Health, 201 Townsend Street, Lansing, Michigan 48909

SEASONAL FLU JOURNAL ARTICLES

Maternal Influenza Vaccination and Effect on Influenza Virus Infection in Young Infants

In a recent issue of the [Archives of Pediatrics and Adolescent Medicine](#), researchers found that maternal influenza vaccination was significantly associated with reduced risk of influenza virus infection and hospitalization for an ILI up to 6 months of age and increased influenza antibody titers in infants through 2 to 3 months of age. There was a 41% reduction in the risk of laboratory-confirmed influenza virus infection (relative risk, 0.59; 95% confidence interval, 0.37-0.93) and a 39% reduction in the risk of ILI hospitalization (relative risk, 0.61; 95% confidence interval, 0.45-0.84) for infants born to influenza-vaccinated women compared with infants born to unvaccinated mothers.

Effects of Adverse Events on the Projected Population Benefits and Cost-Effectiveness of Using Live Attenuated Influenza Vaccine in Children Aged 6 Months to 4 Years

According to the [Archives of Pediatrics and Adolescent Medicine](#), live attenuated influenza vaccine (LAIV) had comparable cost-effectiveness compared with inactivated influenza vaccine (IIV) for children younger than 5 years under a wide range of assumptions about the incidence of adverse events. Cost-effectiveness ratios ranged from \$20 000/QALY (age 6-23 months) to \$33 000/QALY (age 3-4 years) for LAIV and from \$21 000/QALY to \$37 000/QALY for IIV for healthy children aged 6 months to 4 years.

SEASONAL FLU NEWS ARTICLES

Seasonal Flu: [A Guide for Community & Faith-Based Organizations & Leaders](#)

UK Details Flu, Invasive Bacteria Co-Infections

A surveillance report from the United Kingdom confirmed earlier anecdotal reports of an [increase in invasive bacterial infections in flu patients](#), noting that the spike was most notable for *Streptococcus pyogenes*, particularly in young adults.

FDA Clears Early US Trial of Medicago H1N1 Vaccine

Medicago, a biotechnology company based in Quebec City, announced that it has received clearance from the FDA to launch a [clinical trial](#) of its virus-like particle (VLP) H1N1 vaccine candidate in the US. This trial will lead to a phase 2 trial of a trivalent vaccine containing the H1N1 virus later this year.

[Brickfish Contest](#) - seasonal flu PSA and poster contest results

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2009 H1N1 PANDEMIC

UK Study Looks at Nosocomial H1N1 Cases During Pandemic

In an issue of [Emerging Infectious Diseases](#), British researchers who collected data on 1,520 pandemic H1N1 flu patients treated in a nationwide sample of hospitals found that 30 (2%) of the patients contracted the illness in the hospital.

Hong Kong's Severe Flu Outbreak Spurs Immune Therapy Trial

Medical experts in Hong Kong said that they hope to treat about 70 severely ill flu patients with antibodies from patients who have recovered from infection with the 2009 H1N1 virus, the area's current predominant strain. The findings appear in [Clinical and Vaccine Immunology](#),

Role of Social Networks in Shaping Disease Transmission

In a report in [The Proceedings of the National Academy of Sciences](#), researchers found that closing schools after the 2009 H1N1 influenza epidemic was underway did little to slow the rate of transmission. The most common way the disease spread was a through child's network of friends.

Pandemic Influenza Evaluation and Capacity Review Tools

CDC recently posted flu surveillance, laboratory testing and inventory [tools](#) for use by international partners and collaborating countries.

PANDEMIC FLU NEWS ARTICLES

[Last Year's H1N1 Flu Vaccine Was Safe, Study Finds](#) - no pattern of Guillain-Barré syndrome or other serious side effects noted

[Canadian Researchers Find H1N1 Flu Vaccine Very Effective](#) - researchers focused on children and younger adults

AVIAN FLU

Cambodia, Bangladesh Report H5N1 Outbreaks

Cambodia [reported](#) its first H5N1 avian influenza outbreak of 2011 yesterday, and Bangladesh reported three new outbreaks.

FLU RESOURCES

Stay up-to-date with:

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov