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SEASONAL FLU

Adjuvanted Vaccine in Preterm Infants

Preterm infants are among the children with the highest risk of influenza-related complications. This week *Pediatrics* published "[Influenza A/H1N1 MF59-Adjuvanted Vaccine in Preterm and Term Children Aged 6 to 23 Months](#)." The researchers concluded that a "single dose of 2009 pandemic A/H1N1 MF59-adjuvanted influenza vaccine evoked an immune response in children aged 6 to 23 months (including those with a gestational age of <32 weeks) that can be considered protective from pandemic influenza A/H1N1 virus."

Presentations at Conferences and Meetings

The transcript from the Vaccines and Related Biological Products Advisory Committee Meeting has been [posted online](#).

Presentations from the International Meeting on Emerging Diseases and Surveillance have also been [posted](#).

INFLUENZA NEWS ARTICLES

Ireland: [GPs must return flu vaccine over narcolepsy fears](#)

Australia: [Flu season hitting us harder](#)

Australia: [Four times as many flu cases than last year](#)

FLU SURVEILLANCE

In the most recent [Morbidity and Mortality Weekly Report \(MMWR\)](#) researchers from the Centers for Disease Control and Prevention (CDC) assessed the use of the Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE) version 2 for influenza-like illness (ILI) surveillance after an influenza outbreak. The researchers stated that ESSENCE "demonstrated strengths in data quality, flexibility, and representativeness" but resulted in a 1- to 3-day delay in tracking illness, lacked sensitivity (reported as 71.4%), and had only a 31.8% predictive value positive (PVP) rating for identifying influenza-like illness (ILI).

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PANDEMIC INFLUENZA

The World Health Organization (WHO) released a [report compiled](#) by the World Intellectual Property Organization (WIPO) on flu pandemic preparedness patents and patent applications.

Immune Response to 2009 H1N1 Vaccine

A single dose of 2009 pandemic influenza A/H1N1 MF59-adjuvanted vaccine [created a notable immune response](#) against pandemic influenza A/H1N1 virus in children aged 6 to 23 months who had different gestational ages at birth.

AVIAN INFLUENZA

According to the [World Health Organization](#), as of April 6, 2011, there have been 14 human cases of avian A/(H5N1) virus infection in Cambodia, and 12 fatalities since the outbreak began in 2005. During 2011, there have now been 4 cases in Cambodia, all fatal. Globally, there have now been 544 cases and 319 fatalities.

News articles

[Egypt and Cambodia report 5 H5N1 cases, 1 fatal](#)

FLU RESOURCES

Stay up-to-date with:

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov or www.vaccines.gov

ADDITIONAL IMMUNIZATION NEWS

National Infant Immunization Week (NIIW) is April 23-30

[NIIW is an annual observance](#) to promote the benefits of immunizations and to improve the health of children two years old or younger.

Immunizations for Health Care Personnel

The immunization Action Coalition (IAC) recently updated its provider education handout, "[Healthcare Personnel Vaccination Recommendations](#)."

On March 28, the American Nurses Association (ANA) announced that it [is leading a coalition](#) of nine nursing, pediatric, and physician professional societies in urging broader vaccination to protect infants from pertussis, including vaccination of all healthcare professionals.

News Article

[Most parents trust vaccine information they get from doctors. U-M study finds](#)