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## FLU UPDATES AT THE ACIP MEETING

There was an influenza vaccine update given at CDC's Advisory Committee on Immunization Practices (ACIP) meeting yesterday. Dr. Tim Uyeki, a medical epidemiologist with CDC stated that "85% of the vaccine supply for the US market has already been distributed, much more than at this point in past seasons." In addition, it was reported that laboratory analyses at the CDC show that the circulating 2009 H1N1 viruses are 99% similar to the H1N1 strain included in the seasonal flu vaccine and the influenza A/H3N2 and influenza B remain good matches for the vaccine. The Center for Infectious Disease Research and Policy (CIDRAP) provides a summary [here](#).

## INFLUENZA GUIDANCE DOCUMENTS

- [CDC: 2010-2011 Seasonal Influenza Vaccine Safety](#) (posted October 22)
- Health and Human Services (HHS): [Action Plan to Prevent Healthcare-Associated Infections: Influenza Vaccination of Healthcare Personnel](#)

## FLU JOURNAL ARTICLES

"[Reflections on the influenza vaccination of healthcare workers](#)" was published in *Vaccine* on October 22, 2010. The researchers stated, "in order to protect the most vulnerable patients in our healthcare facilities as best we can from serious harm or death caused by nosocomial transmission of influenza, while at the same time respecting HCWs autonomy, and in many jurisdictions, the related legal right to refuse medical treatment, it is recommended that 'op-out' declination forms should be used in conjunction with restricted mandatory vaccination."

Another study published in *Vaccine* found that intrinsic B cell defects associated with aging contribute to a reduced immune response to the influenza vaccine. Researchers found that the specific response of B cells in vitro, as measured by activation-induced cytidine deaminase serum hemagglutination inhibition and generation of switch memory B cells, decreases with age. The authors conclude, "These results could contribute to developing more effective vaccines to protect the elderly as well as identifying those most at risk."

## FLU UPDATES - IN THE NEWS

[Flu Meeting Highlights Latest Research](#)

[IDSA: Mandatory Flu Shots Raise Staff Vaccination Rates](#)

[Vaccines recover from flu crisis](#)

[BioCryst's Partner Shionogi Receives Approval for Pediatric Use Of Peramivir in Japan](#)

[Flu vaccine shot down](#)

[CIDRAP: Sanofi reports trial results for novel flu vaccines](#)

## 2009 H1N1 JOURNAL ARTICLES

The following articles were published in the last week:

[Pediatric mortality related to pandemic influenza A H1N1 infection in England: an observational population-based study](#)

[H1N1 flu variant linked to fatal cases might have disabled the clearing mechanism of lungs, study suggests](#)

[Molecular surveillance of pandemic influenza A\(H1N1\) viruses circulating in Italy from May 2009 to February 2010: association between haemagglutinin mutations and clinical outcome](#)

## FLU RESOURCES

Be sure to check the [Faces of Influenza](#) campaign which offers various ready-to-use tools from the American Lung Association that you can customize for your organization.

Currently flu materials are being updated for the 2010-11 influenza season. Stay up-to-date with:

MDCH: [www.michigan.gov/flu](http://www.michigan.gov/flu)

CDC: [www.cdc.gov/flu](http://www.cdc.gov/flu)

HHS: [www.flu.gov](http://www.flu.gov)

## ADDITIONAL IMMUNIZATION NEWS

[CDC advisors recommend steps to fill pertussis vaccine gaps](#)

[ACIP Recommends Meningococcal Booster for Teens](#)

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