

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 26, 2009 at 4pm

Highlights

Events: Title: CDC-HHS/ASPR Clinical Information Call on Antiviral Treatment Options in Critically Ill 2009 Influenza H1N1 Patients (**Wednesday**)

MOHLTC: [Ontario Influenza Bulletin: Surveillance Week 41 \(Oct 11 – Oct 17\)](#)

CDC: [Questions and Answers: Prevention Of Pneumococcal Infections Secondary To Seasonal And 2009 H1N1 Influenza](#)

EU: [Questions and answers on the CHMP review of the recommendations on the use of pandemic H1N1 vaccines](#)

Literature -----

Lancet ID: [National and international readiness for renewed pandemic*](#)

CMAJ: [Improved flu screening needed at airports](#)

[Pandemic \(H1N1\) 2009 lives in some people for at least eight days after symptoms develop](#)

JID: [Avoiding Guillan-Barré Syndrome Following Swine Origin Pandemic H1N1 2009 Influenza Vaccination*](#)

AJOG: [Safety of influenza vaccination during pregnancy.](#)

MMI: [Possible hidden hazards of mass vaccination against new influenza A/H1N1: have the cardiovascular risks been adequately weighed?*](#)

News -----

[President Obama Signs Emergency Declaration for H1N1 Flu](#)

[FDA Authorizes Emergency Use of Intravenous Antiviral Peramivir for 2009 H1N1 Influenza for Certain Patients, Settings](#)

[California issuing half of available respirator stockpile to hospitals for H1N1 treatment](#)

[British results on UK Pandemrix pediatric vaccine tolerability](#)

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United States

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Europe

[United Kingdom's Health Protection Agency \(HPA\)](#)

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Events

Current / Upcoming



[OCT 30] **Overview of CDC Guidance on Infection Control in Healthcare Facilities (2009 H1N1 Influenza)**

Date & Time: Friday October 30, 2009, 3 PM, ET (More details coming soon)



[OCT 29] **Diabetes and flu both seasonal and H1N1: What clinicians need to know**

Date & Time: Thursday October 29, 2009, 3 PM, ET (More details coming soon)



[OCT 28] **Information on H1N1 Influenza and H1N1 Vaccination and Treatment for Children**

Date & Time: Wednesday October 28, 2009, 11 AM, ET (More details coming soon)



[OCT 28] Title: CDC - HHS/ASPR Clinical Information Call on Antiviral Treatment Options in Critically Ill 2009 Influenza H1N1 Patients

Speakers: Dr. Stacene Maroushek, University of Minnesota, Minneapolis, MN
Dr. Aditya Gaur, St. Jude Children's Hospital, Memphis, TN
Dr. Tim Uyeki, Influenza Division, CDC

Date and time: Wednesday, October 28, 2009 from 3:00 -4:00 PM ET

Call-in number: 888-283-2960 | **Passcode:** 3659803

[FEB 3-5] [International Symposium on Neglected Influenza Viruses](#)

February 3-5, 2010 | Amelia Island, Florida

Sponsor: International Society for Influenza and other Respiratory Virus Diseases

Contact:

Gregory C. Gray, MD, MPH | Phone: (319) 384-5008 | gregory-gray@uiowa.edu

Archived



[OCT 26] [Title: Peramivir and other Antiviral Treatment Options for Treatment of Influenza in Hospitalized Patients for the 2009-2010 Season](#)

(Peramivir is an Intravenous Influenza Antiviral authorized for use by the US Food and Drug Administration (FDA), subject to the Emergency Use Authorization (EUA) terms and conditions)

[OCT 21] [COCA Cal: Pandemic Influenza A \(H1N1\) in Critically Ill Pediatric Patients](#)

Speakers: Dr. Sunny Anand, Dr. Emily Dobyns, Dr. Jaime Fergie and Dr. Tim Uyeki

[ARCHIVED] U.S. DHHS [H1N1 Video Briefing archive](#)

- September 8: Rear Admiral Anne Schuchat (CDC) gives a briefing on updated recommendations on the use of antivirals as well as an update on the H1N1 (swine) flu.

[ARCHIVED] [Know what to do about the flu](#) : webcast series from the U.S flu.gov

- September 9: Parents and Child Care Providers

Ministry of Health and Long-Term Care (MOHLTC)



[OCT 23] [Ontario Influenza Bulletin: Surveillance Week 41 \(Oct 11 – Oct 17\)](#)

For the surveillance period of October 11 to October 17, 2009:

- Influenza activity in Ontario was higher compared to the previous week.
- More patients reporting influenza-like symptoms consulted sentinel physicians this week than the previous week.
- The rate of influenza-like illness (ILI) in patients seen by sentinel physicians continues to be above the average rate expected at this time of year.
- One health unit reported widespread influenza activity and seven health units reported localized influenza activity for the current reporting week. Other health units reported sporadic influenza activity.
- There are 4,338 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS).

As of October 21:

- 28 deaths have been reported among confirmed H1N1 cases.
- 31 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on October 21, a number of whom have underlying medical conditions. 408 other people have been hospitalized and have since been discharged.
- More hospitalized cases were reported this week compared to last week.



[OCT 23] [Ontario Sends First Shipment Of 700,000 Doses Of H1N1 Vaccine To Health Units](#)

Ontario has shipped 700,000 doses of H1N1 flu vaccine to the province's public health units since October 21 in order to allow immunization clinics to begin next week.

[OCT 21] [Ontario Will Offer H1N1 Vaccine On October 26](#)

Beginning the week of Oct. 26, adjuvanted H1N1 flu vaccine will be offered to all Ontarians that need and want it, starting with:

- People 65 and under with chronic conditions;
- Pregnant women;
- Healthy children 6 months to under five years of age;
- People living in remote or isolated communities;
- Health care workers; and
- Household contacts and care providers of persons at high risk who cannot be immunized or may not respond to vaccine.

[OCT 16] [Ontario Takes Additional Steps To Reduce H1N1 Transmission](#)

- Emergency Departments [Guidance Document](#)
- Ambulatory Care Settings [Guidance Document](#)
- Long-Term Care Settings [Guidance Document](#)
- Pharmacies [Guidance Document](#)

[ARCHIVED] [Previous MOHLTC updates and news conference video footage](#)

Important Health Notices

[OCT 22] [pH1N1 – Access to Supplies & Equipment](#)

[OCT 14] [H1N1 Update, October 14](#)

Ontario Agency for Health Protection and Promotion (OAHPP)

- [OCT 22] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Oct 16th, 2009\)](#)
- [SEP 22] [Laboratory Surveillance Report September 22nd](#)
- [ARCHIVED] [Swine influenza outbreak page](#)

Public Health Agency of Canada (PHAC)

PHAC issues national updates on H1N1-associated deaths on Tuesdays and Thursdays at 4 pm, and will report regularly on any unusual outbreaks or clusters of illness.



- [OCT 26] [Canada Works with Australia to Ensure Early Delivery of Vaccine for Pregnant Women](#)
- [OCT 22] [Deaths Associated with H1N1 flu virus in Canada](#) [as of Oct 22]
- [OCT 22] [Guidance Document on the Use of Pandemic Influenza A \(H1N1\) 2009 Inactivated Monovalent Vaccine October 21, 2009](#)
- [OCT 22] [Frequently Asked Questions - H1N1 Flu Virus](#)
- [OCT 22] [Information on the H1N1 Flu Virus and Individuals with Chronic Medical Conditions](#)
- [OCT 22] [Information on Seniors and the Flu Virus \(Seasonal Flu and H1N1 Flu\)](#)
- [OCT 22] [Information on Children Less Than Five Years of Age and the H1N1 Flu Virus](#)
- [OCT 22] [Information on Pregnancy, Breastfeeding and H1N1 Flu Virus](#)
- [OCT 22] [Considering the Options - Getting the flu versus getting a vaccine or taking an antiviral](#)
- [OCT 22] [What you need to know before receiving the H1N1 Flu Vaccine](#)
- [OCT 22] [H1N1 Flu Vaccine: Dosing Recommendations](#)
- [OCT 22] [Recommendations for the Use of the H1N1 Flu Vaccine](#)
- [ARCHIVED] [Previous PHAC documents and updates](#)

Centers for Disease Control and Prevention (CDC) and US Department of Health and Human Services

CDC Reports The Total Number Of H1n1 Hospitalizations And Deaths Each Friday.



[OCT 23] [Weekly FluView Map and Surveillance report for Week Ending October 17, 2009](#)

During week 41 (October 11-17, 2009), influenza activity increased in the U.S. Flu activity is now widespread in 46 states. Nationwide, visits to doctors for influenza-like-illness are increasingly steeply and are now higher than what is seen at the peak of many regular flu seasons. In addition, flu-related hospitalizations and deaths continue to go up nation-wide and are above what is expected for this time of year.



[OCT 23] [For Providers: Prevention Of Pneumococcal Infections Secondary To Seasonal And 2009 H1n1 Influenza Viruses Infection](#)

This update provides information about pneumococcal disease as a complication of influenza, including ACIP recommendations for pneumomococcal polysaccharide vaccine



[OCT 23] [Questions and Answers: Prevention Of Pneumococcal Infections Secondary To Seasonal And 2009 H1N1 Influenza](#)

This update provides information about pneumococcal disease, including who is at high risk and needs to be vaccinated.



[OCT 23] [Update: 2009 H1N1: Free Resources](#)

ADDED: Certain Medical Conditions Information about the Flu – including the new H1N1 Flu for People with Certain Medical Conditions



[OCT 23] [2009 H1N1 Flu: International Situation Update](#)

This report provides an update to the international situation as of October 23, 2009. The World Health Organization (WHO) continues to report laboratory-confirmed 2009 H1N1 flu cases and deaths on its Web page.



[OCT 23] [CDC Press Transcript: Weekly 2009 H1N1 Flu Media Briefing](#)

[OCT 23] [2009 H1N1 Influenza Vaccine Supply Status](#)

[OCT 23] [U.S. Influenza and Pneumonia-Associated Hospitalizations from October 10-17 , 2009](#)

Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	21,823	2,416
Influenza Laboratory-Tests**	8,204	411

[OCT 23] [Questions and Answers: NEJM article "Hospitalized Patients with 2009 H1N1 Influenza in the United States- April-June 2009"](#)

[ARCHIVED] [Previous CDC documents and updates](#)

Other US Sources



[OCT 24] [President Obama Signs Emergency Declaration for H1N1 Flu](#)



[OCT 23] [FDA Authorizes Emergency Use of Intravenous Antiviral Peramivir for 2009 H1N1 Influenza for Certain Patients, Settings](#)

[OCT 16] [NIOSH Statement: Risk of Serious Illness Among Healthcare Personnel Associated With 2009 H1N1 Influenza: What Is NIOSH Learning?](#)

Center for Infectious Disease Research and Policy



[OCT 23] [CIDRAP Overview: Novel H1N1 Influenza \(Swine Flu\)](#)
Updated October 23.



[OCT 23] [CIDRAP Resource List: Novel H1N1 Influenza \(Swine Flu\)](#)
Updated October 23 with 6 new items.



[OCT 23] [More clouds in H1N1 vaccine supply picture](#)
Questions about the tardy US supply of pandemic H1N1 vaccine have increased with the report that most of Novartis's doses may not reach the country until early in 2010 and a European regulatory recommendation that may have implications for the global vaccine supply.



[OCT 23] [Spikes in US indicators point to intensifying pandemic](#)
Pandemic flu activity is now widespread in 46 states, five more than the previous week, causing an increasing number of school closures and starting to hit the young adult age-group harder, the US Centers for Disease Control and Prevention (CDC) said today.



[OCT 23] [EU regulators stick with 2-dose pandemic vaccine schedule](#)
Europe's drug regulatory agency today announced that it would stick to its initial recommendation that the three pandemic H1N1 vaccines it approved be given in two doses, despite data from two companies that suggests one-dose efficacy. The agency said the data on the GlaxoSmithKline and Novartis vaccines, both adjuvanted, were too limited to warrant recommending a single-dose schedule, but added that one dose may be sufficient in adults. The third vaccine is a cell-based product made by Baxter.

[ARCHIVED] [Current overview and older updates from CIDRAP](#)

Health Protection Agency (UK)

[OCT 22] [HPA weekly pandemic flu media update](#)

- This week, the antiviral collection numbers in the National Pandemic Flu Service have continued to increase and this has been seen in all age groups except the 75+. The largest increase (40%) in week 42, compared with week 41, was seen in the 5-14 year olds.

- Interpretation of data to produce estimates on the number of new cases continues to be subject to a considerable amount of uncertainty. HPA modelling gives an estimate of 53,000 new cases in England last week (range 27,000 to 115,000) compared with 27,000 in week 41. This is a 96% increase. This estimate incorporates data from National Pandemic Flu Service and GP consultations.

[OCT 15] [HPA Weekly National Influenza Report](#) (Week 42)

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

[OCT 22] [Swine flu: guidance for planners](#)

[OCT 22] [22 October 2009 - weekly swine flu update](#)

[OCT 21] [Swine flu vaccines start today](#)

[ARCHIVE] [DH Pandemic Flu site](#)

European Centre for Disease Prevention and Control (ECDC) and European Society for Clinical Microbiology and Infectious Diseases



[OCT 26] [ECDC Weekly Executive Update - Pandemic H1N1 2009](#)



[OCT 26] [Daily update – Pandemic H1N1 2009 \(26/10/2009\)](#)

- Weekly overview of non-EU countries included;
- EMEA maintains recommendation of two doses for pandemic vaccine;
- Isolated oseltamivir-resistant influenza A(H1N1)v strain identified in Hong Kong
- Total of 274 fatal cases in Europe and EFTA countries and 5 576 in the rest of the world

[ARCHIVED] [Maps, surveillance summaries and previous ECDC updates](#)

European Union



[OCT 26] [Finland Faces First Swine Flu Death](#)



[OCT 23] [Questions and answers on the CHMP review of the recommendations on the use of pandemic H1N1 vaccines](#)

[ARCHIVE] [European Union Influenza H1N1 page](#)

World Health Organization (WHO)

WHO no longer issues the global tables showing the numbers of confirmed cases for all countries. Regular updates describing the situation in the newly affected countries are provided.

[OCT 23] [Pandemic \(H1N1\) 2009 - update 71](#)

[OCT 16] [Clinical features of severe cases of pandemic influenza : Pandemic \(H1N1\) 2009 briefing note 13](#)

[ARCHIVED] [WHO H1N1 Guidance Documents](#)

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[OCT 16] [Regional Update. Pandemic \(H1N1\) 2009. \(published on October 16, 2009\)](#)

- The intensity of acute respiratory diseases in North America was high in Canada, Mexico, and the U.S.
- In Central America had a low or moderate intensity of acute respiratory disease; with the exception of El Salvador, which had a high intensity of acute respiratory disease and an increasing trend of acute respiratory disease
- Caribbean countries reported increasing or unchanged trends in acute respiratory disease, with outbreaks in schools.
- Most of South America had a decreasing trend and low or moderate intensity of acute respiratory disease; Colombia, however, had an increasing trend in acute respiratory disease
- 81.95% of subtyped influenza A viruses were pandemic (H1N1) 2009
- 133 new confirmed deaths in 10 countries (3539 cumulative deaths)

[ARCHIVED] [PAHO Influenza A \(H1N1\) Portal](#)

Australia and New Zealand



[OCT 26] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 37,039 confirmed cases of pandemic (H1N1) 2009
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 26 October, 186 people have died. Of these deaths, four were pregnant women and 24 (12.9%) were Indigenous.
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,904

[OCT 21] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 156](#)

- The total number of deaths attributed to swine flu is now 19 following investigation of the death of a 35 year old woman who died in Waikato on 21 September – she had underlying medical conditions. Please note that this number is likely to change as the Coroner completes investigations into a number of influenza-related deaths that have occurred over the last few months.

- The virus is still circulating in New Zealand, although the recorded rate of Pandemic Influenza infection has declined
- As at midday today there is no one in hospital with confirmed pandemic influenza (H1N1) 2009 or its complications. There was one person at this time last week.
- The cumulative total of people in New Zealand who have returned a positive laboratory test for pandemic influenza (H1N1) 2009 is 3175, no change from last week.

[ARCHIVED] [New Zealand's H1N1 page](#)

[ARCHIVED] [New Pandemic Phase \(PROTECT\) Guidelines](#) [Australia]

pH1N1 Clinical Information

[Ebsco Influenza Portal](#)

Due to Pandemic H1N1 Influenza and concerns about the 2009/2010 flu season, the EBSCO Publishing Medical and Nursing editors of *DynaMed™*, *Nursing Reference Center™* (NRC) and *Patient Education Reference Center™* (PERC) have made key influenza information from these resources freely available to health care providers worldwide. *Contact your library for access.*

Research Articles (1 week backfile)

What's new today, plus a one week backfile. **Articles with an asterisk (*) indicate that a subscription is required to view the full text.** [Contact your library for access to full text articles.](#)

[Medline literature search on H1N1](#) (current as of today)



[OCT 26] [Avoiding Guillan-Barré Syndrome Following Swine Origin Pandemic H1N1 2009 Influenza Vaccination*](#)

Eisen, D.P and McBryde, E. S. J Infect Dis 2009 Nov; 200(10): 1627-8.



[OCT 26] [National and international readiness for renewed pandemic*](#)

Shetty, P. Lancet ID. 2009 Nov; 9(11): 659.



[OCT 26] [Improved flu screening needed at airports](#)

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[OCT 26] [Dispensing antivirals in underserved communities](#)

Kondro, W. CMAJ. 2009 Oct 27; 181(9):E199-200.



[OCT 26] [Swine flu breaks out on Vancouver Island](#)

Kondro, W. CMAJ. 2009 Oct 27; 181(9): E202.



[OCT 26] [Pandemic \(H1N1\) 2009 lives in some people for at least eight days after symptoms develop](#)

Eggerton, L. CMAJ. 2009 Oct 27; 181(9): E203.



[OCT 26] Letter: [T helper type immune response and H1N1 related SIRS](#)

McAlister, V. CMAJ. 2009 Oct 27; 181(9): E616-7.



[OCT 26] Letter: [Spain is the first country with a common sense policy concerning swine flu promoted by health professionals](#)
Villaneuva, T. CMAJ. 2009 Oct 27; 181(9): E617.



[OCT 26] [Rates of hospitalisation for acute respiratory illness and the emergence of pandemic \(H1N1\) 2009 virus in the Hunter New England Area Health Service](#)
Dawood FS, Dalton CB, Durrheim DN, Hope KG. eMJA Rapid Online Publication – 26 October 2009.



[OCT 26] Letter: [Can we readily identify patients who need antibiotics in a severe influenza pandemic?](#)
Charles PGP, Johnson PDR, Collignon PJ. eMJA Rapid Online Publication – 26 October 2009.



[OCT 26] [Relationship between equipment and infrastructure for pandemic influenza and performance in an avian flu drill.](#)*
Adini B, Goldberg A, Cohen R, Bar-Dayyan Y. Emerg Med J. 2009 Nov;26(11):786-90.



[OCT 26] [With Maine on board, pharmacists in all 50 states can vaccinate: H1N1 prompts emergency vaccination rules for pharmacists.](#)*
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[OCT 26] [Pandemic flu: implications for sexual and reproductive health services.](#)*
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[OCT 26] [Disaster planning: using an 'evolving scenario' approach for pandemic influenza with primary care doctors in training.](#)*
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[OCT 26] [Pandemic flu: putting plans into practice.](#)*
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[OCT 26] [Who's afraid of the flu?](#)
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[OCT 26] [Policy statement--recommendations for the prevention and treatment of influenza in children, 2009 -2010.](#)
Committee on Infectious Diseases. Pediatrics. 2009 Oct;124(4):1216-26. Epub 2009 Sep 7.



[OCT 26] [Cases of swine flu in England almost double in a week](#)
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[OCT 26] [A novel assay for influenza virus quantification using surface plasmon resonance](#)*

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- [OCT 26] [Rapid response bioprocessing of influenza vaccines*](#)
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- [OCT 23] [Can Reactive School Closures help critical care provision during the current influenza pandemic?](#)
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- [OCT 23] [Possible hidden hazards of mass vaccination against new influenza A/H1N1: have the cardiovascular risks been adequately weighed?*](#)
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Danziger-Isakov, L.A. et al. Journal of Heart and Lung Transplantation, 23 October 2009, In Press. Corrected Proof.
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Gunson, R. et al. Journal of Virological Methods, 23 October, 2009. In Press. Accepted Manuscript.
- [OCT 21] [Improving the diagnostic efficiency of H1N1 2009 pandemic flu: analysis of predictive clinical signs through a prospective cohort.](#)
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- [OCT 20] [Novel Influenza A \(H1N1\) Outbreak at the U.S. Air Force Academy Epidemiology and Viral Shedding Duration.](#)
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Tamma PD, Ault KA, Del Rio C, Steinhoff MC, Halsey NA, Omer SB. Am J Obstet Gynecol. 2009 Oct 20. [Epub ahead of print]
- [OCT 23] [Correspondence: Pregnancy and H1N1 infection*](#)
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- [OCT 23] [Alphavirus replicon particle vaccines developed for use in humans induce high levels of antibodies to influenza virus hemagglutinin in swine: Proof of concept](#)
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- [OCT 23] [Use of MDCK cells for production of live attenuated influenza vaccine](#)

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- [OCT 23] [Google Trends: A Web-Based Tool for Real-Time Surveillance of Disease Outbreaks.](#)
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- [OCT 23] [Safety and immunogenicity of an inactivated thimerosal-free influenza vaccine in infants and children](#)
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- [OCT 23] [Apropos 'performance of influenza point-of-care tests in the detection of pandemic \(H1N1\) 2009 influenza viruses'](#)
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- [OCT 23] [Preliminary Analysis of the Pandemic H1N1 Influenza on Reunion Island \(Indian Ocean\): Surveillance Trends \(July to Mid-September 2009\)](#)
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- [OCT 22] [The 2009 Pandemic H1n1 Influenza and Indigenous Populations of the Americas and the Pacific](#)
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- [OCT 22] [Early Transmission Characteristics of Influenza A\(H1n1\)V in Australia: Victorian State, 16 May – 3 June 2009](#)
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- [OCT 22] [Progression and Impact of the First Winter Wave of the 2009 Pandemic H1n1 Influenza in New South Wales, Australia](#)
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- [OCT 22] [Pandemic Influenza in a Southern Hemisphere Setting: The Experience in Peru from May - September, 2009](#)
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- [OCT 22] [Pandemic H1n1 Influenza in Brazil: Analysis of the First 34,506 Notified Cases of Influenza-Like Illness with Severe Acute Respiratory Infection \(SARI\)](#)
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- [OCT 22] [Interim Report on Pandemic H1n1 Influenza Virus Infections in South Africa, April to October 2009: Epidemiology and Factors Associated with Fatal Cases](#)
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- [OCT 22] [Influenza A \(H\(1\)N\(1\)\) Antiviral and Cytotoxic Agents from Ferula assafoetida.*](#)
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- [OCT 22] [Introduction and Transmission of 2009 Pandemic Influenza A \(H1N1\) Virus Kenya, June--July 2009](#)
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- [OCT 22] [Development of a new candidate H5N1 avian influenza virus for pre-pandemic vaccine production](#)
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- [OCT 22] [Preliminary population-based epidemiological and clinical data on 2009 pandemic H1N1 influenza A \(pH1N1\) from Lima, Peru](#)
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- [OCT 22] [Use of Ribavirin to Treat Influenza](#)
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