pH1N1 Flu Virus (Human Swine Influenza)
Information Resources
Current as of December 16, 2009 at 4pm

---

**Highlights**

**GAO:** US Government Accountability Office (GAO): Monitoring and Assessing the Status of the National Pandemic Implementation Plan Needs Improvement

**UK:** A (H1N1) swine flu influenza: phase two of the vaccination programme; children over 6 months and under 5 years: dosage schedule update

**Literature**

**Crit Care:** Th1 and Th17 hypercytokinemia as early host response signature in severe pandemic influenza

**AIM:** Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza (H1N1) 2009*

**Lancet:** Immune response after a single vaccination against 2009 influenza A H1N1 in USA: a preliminary report of two randomised controlled phase 2 trials.

Safety and immunogenicity of a 2009 pandemic influenza A H1N1 vaccine when administered alone or simultaneously with the seasonal influenza vaccine for the 2009—10 influenza season: a multicentre, randomised controlled trial.

Safety and immunogenicity of 2009 pandemic influenza A H1N1 vaccines in China: a multicentre, double-blind, randomised, placebo-controlled trial

Large trials confirm immunogenicity of H1N1 vaccines.

Defining the safety profile of pandemic influenza vaccines.
Contents

Events

Updates by Jurisdiction

Ontario
  Ontario Ministry of Health and Long-Term Care (MOHLTC)
  Ontario Agency for Health Promotion and Protection (OAHPP)

Canada
  Public Health Agency of Canada (PHAC)

United States
  Centers for Disease Control and Prevention (CDC)
  Center for Infectious Disease Research & Policy
  Other US Sources

Europe
  United Kingdom’s Health Protection Agency (HPA)
  UK Department of Health
  European Centre for Disease Control and Prevention (ECDC)
  European Union

International
  World Health Organization (WHO)
  Pan American Health Organization (PAHO)
  Australia and New Zealand

Other Resources
  Consumer Health Information Resources
  pH1N1 Clinical Information
  Research Articles
  Clinical and Public Health Practice Tools
  Historical Resources
  Travel Advisories
Events

Current / Upcoming

[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

[ONGOING] "H1N1 and Pregnancy: Key Considerations for Vaccination and Management": Online learning program for health professionals
To access the program:
www.mdBriefCase.com (for physicians)
www.rxBriefCase.com (for pharmacists)
www.AdvancingIn.com (for nurses and other healthcare professionals)

[DEC 16] A Special Flu.Gov Webcast for Health Care Providers
Join experts from the U.S. Department of Health and Human Services and the former president of the American Medical Association answer your questions about the H1N1 virus and vaccine.
Date and Time: Wednesday, December 16, 12 - 1 PM ET
Speakers:
Dr. Regina Benjamin, Surgeon General, U.S. Department of Health & Human Services
Dr. Anne Schuchat, Director, National Center for Immunization & Respiratory Diseases, Centers for Disease Control & Prevention
Dr. Nicole Lurie, Assistant Secretary for Preparedness & Response, U.S. Department of Health & Human Services
Dr. Nancy Nielsen, Immediate Past President, American Medical Association

Archived


[NOV 18] Clinical Laboratory Management Association: Review Epidemiology of Novel H1N1

[NOV 10] Assembly of First Nations and Health Canada to Co-host a Virtual Summit on H1N1 Preparedness November 10th, 2009

[ARCHIVED] COCA conference calls

[ARCHIVED] U.S. DHHS H1N1 Video Briefing archive

[ARCHIVED] Know what to do about the flu: webcast series from the U.S flu.gov
For the surveillance period of November 29 to December 05, 2009:

- Influenza activity in Ontario was lower compared to the previous week.
- Fewer 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 has decreased to what is expected for this time of the year.
- No health units reported widespread influenza activity for the current reporting week. Four health units reported localized influenza activity and 20 health units reported sporadic influenza activity.
- Health units reported 95 new confirmed cases of H1N1 flu virus through the integrated Public Health System (iPHIS).

Ontario Expands Flu Immunization Program Seasonal and H1N1 flu shots now available to everyone

Previous MOHLTC updates and news conference video footage

Information for Health Care Providers – pH1N1 Update

Ontario Agency for Health Protection and Promotion Laboratory Pandemic H1N1 Surveillance Report December 7th

Weekly Synthesis of Surveillance Information, Literature & Government Updates (Week ending Dec 4, 2009)

Swine influenza outbreak page

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.

Deaths Associated with H1N1 flu virus in Canada
- New deaths reported Dec 10 – Dec 15 11h00 EDT: 18
- Cumulative total: 390

Guidance: Infection Prevention and Control Measures for Occupational Health Management for all Health Care Settings

FluWatch: November 29, 2009 to December 5, 2009
- All FluWatch influenza indicators declined for at least the third consecutive week. The ILI consultation rate was even within the expected ranged for this time of the year.
The Pandemic (H1N1) 2009 strain accounted for nearly 100% of the positive influenza A subtyped specimens this week. The intensity of Pandemic (H1N1) 2009 in the population was moderate. A decline has been experienced by all provinces and territories as indicated in the continued decreasing number of reported hospitalized cases (307 vs. 804), ICU admissions (83 vs. 139) and deaths (33 vs. 56) reported this week. Hospitalized cases occurred in all provinces and territories (PTs) that reported this week except YT while the deaths were from all PTs except NB, PE, NT and NU. From August 30 to December 5, 2009, a total of 6,621 hospitalized cases including 1,041 (15.7%) cases admitted to an intensive care unit (ICU) as well as 292 (4.4%) deaths had been reported.

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

PSAs about H1N1

Vaccine Surveillance Report

Previous PHAC documents and updates

Non-Safety-Related Voluntary Recall of Certain Lots of Sanofi Pasteur H1N1 Pediatric (0.25 mL, for 6-35 month olds) Vaccine in Pre-Filled Syringes: Questions & Answers

UPDATE: H1N1 Flu (Swine Flu): Resources for Pregnant Women

UPDATE: H1N1 Flu (Swine Flu): Resources for Obstetric Health Care Providers

UPDATE: 2009 H1N1 Flu International Situation Update
This report provides an update to the international situation as of December 11, 2009. The World Health Organization (WHO) continues to report updated 2009 H1N1 flu-associated laboratory-confirmed cases and deaths on its Web page.

FluView: 2009-2010 Influenza Season Week 48 ending December 5, 2009

Update: U.S. Influenza -Associated Hospitalizations and Deaths from August 30 to December 5, 2009

<table>
<thead>
<tr>
<th>Cases Defined by</th>
<th>Hospitalizations</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza Laboratory-Tests**</td>
<td>33,490</td>
<td>1,445</td>
</tr>
</tbody>
</table>

NEW: In the News: Deaths related to 2009 H1N1 & American Indians and Alaskan Natives
Questions and Answers on the 2009 H1N1 burden of mortality and American Indians and Alaska Natives.
NEW: 2009 H1N1 and Seasonal Flu and African American Communities: Questions and Answers

Update: CDC Estimates of 2009 H1N1 Influenza Cases, Hospitalizations and Deaths in the United States, April - November 14, 2009
CDC has updated its estimates of the total number of 2009 H1N1 cases, hospitalizations and deaths in the United States since April, 2009.

NEW: In The News Question & Answer on The Estimated Number of U.S. 2009 H1N1 Cases, Hospitalizations and Deaths

UPDATE: Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season

Previous CDC documents and updates

Other US Sources


Trust for America’s Health: Ready or not? Protecting the public's health from diseases, disasters, and bioterrorism, 2009

NIAID Trial of 2009 H1N1 Influenza Vaccine Enrolling HIV-Positive Adults
Adults with HIV infection are enrolling in a NIAID-sponsored clinical trial of 2009 H1N1 influenza vaccine to determine the optimal dosage of 2009 H1N1 vaccine for people with suppressed immunity caused by HIV/AIDS.

The Severity of Pandemic H1N1 Influenza in the United States, from April to July 2009: A Bayesian Analysis
Accurate measures of the severity of pandemic (H1N1) 2009 influenza (pH1N1) are needed to assess the likely impact of an anticipated resurgence in the autumn in the Northern Hemisphere.

New York Autopsies Show 2009 H1N1 Influenza Virus Damages Entire Airway
In fatal cases of 2009 H1N1 influenza, the virus can damage cells throughout the respiratory airway, much like the viruses that caused the 1918 and 1957 influenza pandemics, report researchers from the National Institutes of Health (NIH) and the New York City Office of Chief Medical Examiner.

NIAID Clinical Trial of Pregnant and Non-Pregnant Women to Compare Responses Begins Recruitment
Center for Infectious Disease Research and Policy

[DEC 14] Serbia closes schools to slow flu spread
Serbia's education ministry announced the country will close schools for the holiday break early, starting Dec 18, to slow the spread of pandemic flu, Balkan Insight news reported today. Details were first reported by Tanjug news agency. Classes will resume Jan 11. The measure was suggested by a working group monitoring flu developments in Serbia, where the vaccination campaign will begin Dec 17.

[DEC 14] Town offers zoo visits to prompt vaccination
To boost vaccine uptake in young people, the public health department in Norfolk, Va, is teaming up with the Virginia Zoo to offer free admission for those who come to the zoo tomorrow to receive their H1N1 shot. The campaign targets young people ages 6 months to 24 years and daycare providers. The groups are offering free parking and a tour of the zoo for all participants, along with a train ride for the first 500 children.

[ARCHIVED] Current overview and older updates from CIDRAP

Health Protection Agency (UK)

[DEC 11] Positivity rates from virological sampling

[DEC 10] Weekly Pandemic Flu Media Update
- The consultation rate for flu-like illness in England from the Royal College of General Practitioners (RCGP) scheme has decreased slightly to 33.1 per 100,000 in week 49 compared to 8.6 in week 48. This remains above the English baseline threshold of 30/100,000.
- The estimated cases self referring to the National Pandemic Flu Service have shown decreases in all areas of assessments, authorisations and collections. This is across all age groups.
- 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 11,000 new cases in England last week (range 6,000 to 24,000) which represents a significant decrease from the previous week. This estimate incorporates data from National Pandemic Flu Service and GP consultations.
- The HPA estimates a cumulative total number of cases of 795,000 (with a range 380,000 to 1,665,000) since the pandemic began.

Weekly Epidemiological Update: 03 December 2009 (Week 49)

Swine flu vaccination for pregnant women: frequently asked questions

Swine Influenza page

Department of Health (UK)

[DEC 16] A (H1N1) swine flu influenza: phase two of the vaccination programme; children over 6 months and under 5 years: dosage schedule update
European Centre for Disease Prevention and Control (ECDC) and European Society for Clinical Microbiology and Infectious Diseases

[DEC 16] Daily update – Pandemic H1N1 2009 (Dec 16 2009)
  - A total of 1,393 fatal cases in Europe and EFTA countries and 9,795 in the rest of the world have been reported up to date.

[DEC 14] ECDC Executive Update Pandemic influenza (H1N1) 2009 Issue 23 Monday, 14 December 2009


[ARCHIVED] Maps, surveillance summaries and previous ECDC updates

European Union

[DEC 10] A note of the Health Security Committee - Early Warning Response System contact point audio-meeting, 9 December


[DEC 07] European Medicines Agency advises of risk of fever in young children following vaccination with Pandemrix (Press release of Dec 4th, posted Dec 7th)

[DEC 03] EMEA agency publishes first weekly pandemic pharmacovigilance update

[ARCHIVE] European Union Influenza H1N1 page

Pan-American Health Organization (PAHO)

[DEC 16] Regional Update. Pandemic (H1N1) 2009 (Dec14)
  - In North America, acute respiratory disease activity continued to decrease and is lower than expected in some areas
  - In the Caribbean, unchanged and decreasing trends in acute respiratory disease were reported
  - Central America reported decreasing or unchanged trends in acute respiratory disease
• South America reported decreasing or unchanged trends of acute respiratory disease
• A median of 99.8% of subtyped influenza A viruses in North America were pandemic (H1N1) 2009

[ARCHIVED] PAHO Influenza A (H1N1) Portal

Australia and New Zealand

All jurisdictions in Australia have ceased daily Pandemic (H1N1) 2009 data reporting.

[DEC 16] New Zealand Pandemic Influenza (H1N1) 09 Swine Flu - Update 165

As at 4 December 2009, there had been 37,462 confirmed cases of pandemic (H1N1) 2009 and 191 deaths reported in Australia.

[ARCHIVED] New Zealand’s H1N1 page

[ARCHIVED] Australia’s H1N1 Update Bulletins

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.

[DEC 11] Pandemic (H1N1) 2009 - update 78


[DEC 03] Transcript of the 3 December 2009 press briefing

[ARCHIVED] WHO H1N1 Guidance Documents

[ARCHIVED] Older WHO Updates

International Society for Infectious Diseases

[NOV 25] ProMed Posting: Comments re: Influenza pandemic (H1N1) 2009 (115): USA (WV), repeat infection
Out correspondents suggest 2 explanations for this case of pandemic (H1N1) 2009 virus reinfection in a mother and son. Dr Lenoir’s observations suggest that reinfection may on occasion be a consequence of transient immune suppression, whereas Professor Tang cites evidence that reinfection may occur more frequently than currently supposed.
**pH1N1 Clinical Information**

[ARCHIVED] 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)

**[DEC 16]**

**Th1 and Th17 hypercytokinemia as early host response signature in severe pandemic influenza**


**[DEC 16]**

**Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza (H1N1) 2009**


**[DEC 16]**

**Feature:Christmas 2009: Years like this: The Spanish influenza pandemic seen through the BMJ’s eyes: observations and unanswered questions**


**[DEC 16]**

**Influenza Circulation and the Burden of Invasive Pneumococcal Pneumonia during a Non-pandemic Period in the United States**


**[DEC 16]**

**Immune response after a single vaccination against 2009 influenza A H1N1 in USA: a preliminary report of two randomised controlled phase 2 trials**


**[DEC 16]**

**Safety and immunogenicity of a 2009 pandemic influenza A H1N1 vaccine when administered alone or simultaneously with the seasonal influenza vaccine for the 2009—10 influenza season: a multicentre, randomised controlled trial.**
Safety and immunogenicity of 2009 pandemic influenza A H1N1 vaccines in China: a multicentre, double-blind, randomised, placebo-controlled trial

Large trials confirm immunogenicity of H1N1 vaccines.

Defining the safety profile of pandemic influenza vaccines.

Efficacy of inactivated split-virus influenza vaccine against culture-confirmed influenza in healthy adults: a prospective, randomized, placebo-controlled trial.*

Safety of influenza vaccination in patients with myasthenia gravis: a population-based study.

"Listen to the people": public deliberation about social distancing measures in a pandemic.*

Epidemic and pandemic use of antivirals. Antivirals: "You're still the one...."

Increasing the overall epidemic vaccination coverage. Epidemic vaccination coverage: it's a long way to Tipperary!

Internet-based monitoring of influenza-like illness in the general population: experience of five influenza seasons in The Netherlands.

MF59-adjuvanted influenza vaccine (FLUAD) in children: safety and immunogenicity following a second year seasonal vaccination.
Influenza pandemics: a historical retrospect.

Influenza vaccination in healthcare workers.

Physicians’ legal duty of care and legal right to refuse to work during a pandemic

Infection preventionists’ experience during the first months of the 2009 novel H1N1 influenza A pandemic

Can influenza A be transmitted from patients previously vaccinated against influenza?

Combination strategies for pandemic influenza response - a systematic review of mathematical modeling studies

Optimizing allocation for a delayed influenza vaccination campaign

Modeling the critical care demand and antibiotics resources needed during the Fall 2009 wave of influenza A(H1N1) pandemic.

The Severity of Pandemic H1N1 Influenza in the United States, from April to July 2009: A Bayesian Analysis.

Post-exposure prophylaxis during pandemic outbreaks

Systematic review of interventions to increase influenza vaccination rates of those 60 years and older

Immunizing school-age children and adolescents: Experience from low- and middle-income countries
Mackroth MS, Irwin K, Vandelae J, Hombach J, Eckert LO. Vaccine. In Press,
Serologic Cross-Reactivity with Pandemic (H1N1) 2009 Virus in Pigs, Europe
C.S. Kyriakas et al. Emerging Infectious Diseases.

Hospitalizations for Pandemic (H1N1) 2009 among Maori and Pacific Islanders, New Zealand
A. Verrall et al. Emerging Infectious Diseases.

Pandemic (H1N1) 2009 Surveillance and Prevalence of Seasonal Influenza, Singapore
Y.-S. Leo et al. Emerging Infectious Diseases.

Deaths Related to 2009 Pandemic Influenza A (H1N1) Among American Indian/Alaska Natives --- 12 States, 2009
MMWR December 11, 2009 / 58(48):1341-1344

Transmissibility of the 1918 pandemic influenza in Montreal and Winnipeg of Canada (p 27-31)

Phenotypic characteristics of novel swine-origin influenza A/California/07/2009 (H1N1) virus (p 1-5)

Eurosurveillance 10 Dec 2009 ;14(49)

- Public perceptions in relation to intention to receive pandemic influenza vaccination in a random population sample: evidence from a cross-sectional telephone survey
- Behaviours regarding preventive measures against pandemic H1N1 influenza among Italian healthcare workers, October 2009
- Behaviour of the pandemic H1N1 influenza virus in Andalusia, Spain, at the onset of the 2009-10 season
- Prolonged shedding of influenza A(H1N1)v virus: two case reports from France 2009

Subtype identification of the novel A H1N1 and other human influenza A viruses using an oligonucleotide microarray.


Epidemiological, antigenic and genetic characteristics of seasonal influenza A(H1N1), A(H3N2) and B influenza viruses: Basis for the WHO recommendation on the composition of influenza vaccines for use in the 2009–2010 Northern Hemisphere season
Influenza vaccine concurrently administered with a combination measles, mumps, and rubella vaccine to young children

Impact of influenza-like illness and effectiveness of influenza vaccination in oncohematological children who have completed cancer therapy

A systematic review of measures for reducing injection pain during adult immunization

A Community Cluster of Oseltamivir-Resistant Cases of 2009 H1N1 Influenza
Mai, L. Q., Wertheim, H. F. L., Duong, T. N., van Doorn, H. R., Tran Hien, N., Horby, P., the Vietnam H1N1 Investigation Team. NEJM

Clinical Features of the Initial Cases of 2009 Pandemic Influenza A (H1N1) Virus Infection in China
Cao, B., Li, X.-W., Mao, Y., Wang, J., Lu, H.-Z., Chen, Y.-S., et al., the National Influenza A Pandemic (H1N1) 2009 Clinical Investigation Group of China. NEJM

Editorial: Why don’t we have all the evidence on oseltamivir?
BMJ 2009;339:b5351 Published 8 December 2009, doi:10.1136/bmj.b5351

Feature: Complications: tracking down the data on oseltamivir
A Cochrane group’s attempt to reproduce an analysis underpinning the use of oseltamivir in pandemic influenza hit a brick wall. Deborah Cohen retraces its steps

Research: Neuraminidase inhibitors for preventing and treating influenza in healthy adults: systematic review and meta-analysis

Analysis: Neuraminidase inhibitors—the story behind the Cochrane review
Doshi P. BMJ 2009;339:b5164 Published 8 December 2009, doi:10.1136/bmj.b5164

Response: Roche
Point-by-point response from Roche to BMJ questions
BMJ 2009;339:b5374 Published 8 December 2009, doi:10.1136/bmj.b5374

Response: Roche
Roche replies to the authors of the Cochrane Review on oseltamivir
BMJ 2009;339:b5364 Published 8 December 2009, doi:10.1136/bmj.b5364

**[DEC 09]**

**News: Health ministers from around the world make H1N1 top priority**
Siva N. BMJ 2009;339:b5397 Published 9 December 2009, doi:10.1136/bmj.b5397

**[DEC 09]**

**Shot in the arm. H1N1 vaccine is headed to state health departments to ward off pandemic's spread, but experts worry about delay.**

**[DEC 09]**

**Exposure to MF59-adjuvanted influenza vaccines during pregnancy-A retrospective analysis.**

**[DEC 09]**

**Lancet conference: influenza in the Asia-pacific and the international scientific symposium on influenza pandemic response and preparedness.**

**[DEC 09]**

**H1N1 Influenza: Contact Investigation Burden because of Failure to Institute Influenza Precautions in Patients with Negative Rapid Influenza Diagnostic Test Results.**

**[DEC 09]**

**Coding for the H1N1 virus vaccination.**

**[DEC 08]**

**Nurses, the 2009 h1n1 flu, and seasonal vaccination.**

**[DEC 08]**

**Near Real-Time Surveillance for Influenza Vaccine Safety: Proof-of-Concept in the Vaccine Safety Datalink Project.**

**[DEC 08]**

**Protecting the Herd from H1N1.**

**[DEC 08]**

**Europe Reconsiders H1N1 Flu Shots for Children.**
Updated Wednesday, December 16, 2009 at 4pm

**DEC 08**  
**Infection control practices in assisted living communities.**  

**DEC 08**  
**Detection of Pandemic influenza A/H1N1/2009 Virus by Real-Time Reverse Transcription Polymerase Chain Reaction.**  

**DEC 08**  
**High-resolution computed tomography findings from adult patients with Influenza A (H1N1) virus-associated pneumonia.**  

**DEC 08**  
**A parsimonious hypothesis to the cause of influenza lethality and its variations in 1918-1919 and 2009.**  

**DEC 08**  
**Who is that masked person: The use of face masks on Mexico City public transportation during the Influenza A (H1N1) outbreak.**  

**DEC 08**  
**Emergence of H274Y oseltamivir-resistant A(H1N1) influenza viruses in Japan during the 2008-2009 season.**  

**DEC 08**  
**The Enigma of the H1N1 Flu: Are You Ready?**  

**DEC 08**  
**Modeling gene sequences over time in 2009 H1N1 Influenza A Virus populations.**  

**DEC 08**  
**Significant neutralizing activity of human immunoglobulin preparations against pandemic 2009 H1N1.**  

**DEC 08**  
**Navy support to civilian authorities during the 1918 influenza pandemic--history's lessons and recommendations for future work.**  
Hospitals urged to review emergency plans to cope with H1N1 cases. Public health officials say hospitals must work with local communities.*

"Flu" before "swine"?*

Pandemic influenza A (H1N1) 2009 virus vaccine - conclusions and recommendations from the October 2009 meeting of the immunization Strategic Advisory Group of Experts.

News: Fall in swine flu cases may not signal an end of the epidemic, warns Professor Donaldson
Mashta O. BMJ 2009;339:b5329

Exposure to MF59-adjuvanted influenza vaccines during pregnancy—A retrospective analysis*

Development of a Rapid Automated Influenza A, Influenza B, and Respiratory Syncytial Virus A/B Multiplex Real-Time RT-PCR Assay and Its Use during the 2009 H1N1 Swine-Origin Influenza Virus Epidemic in Milwaukee, Wisconsin.*

Campus Response to Novel Influenza H1N1.*

Re: The State's role and health - swine 'flu as a case study.*

Development of a real-time TaqMan PCR assay for the detection of porcine and bovine Torque teno virus.*

Guidance on Novel Influenza A/H1N1 in Solid Organ Transplant Recipients.
[DEC 04] Safety of Influenza A (H1N1) 2009 Monovalent Vaccines: United States, October 1--November 24, 2009

[DEC 04] Severe Pneumonia Associated with Pandemic (H1N1) 2009 Outbreak, San Luis Potosí, Mexico
Gómez-Gómez A et al. Emerg Infect Dis. 2010 Jan; [Epub ahead of print]. DOI:

[DEC 04] Fatal Case of Pneumonia Associated with Pandemic (H1N1) 2009 in HIV-Positive Patient [letter]

[DEC 04] Oseltamivir- and Amantadine-Resistant Influenza Virus A (H1N1)

Travel Advisories

[NOV 27] WHO: Travel Safety

[NOV 19] Travel Health Notice: Global H1N1 flu virus

[OCT 29] H1N1 Backgrounder: Planes, Trains, Ferries and Buses—Advice for Travellers, Crews and Operators

[OCT 26] Hajj Pilgrims: Recommendations for travel