

## Researching the H1N1 Flu (Swine Flu) on OvidSP

The current global outbreak of Influenza A (H1N1) is making headlines around the world. Quick, seamless access to relevant and premium literature—current and historical—is critical for medical and healthcare professionals and public health authorities dealing with this crisis.

There are many lessons to be learned by reviewing the medical and scientific literature for information gleaned from prior influenza pandemics; and there has been extensive writing on planning and preparing for the next influenza pandemic.

See below for resources available through OvidSP that contain timely and relevant information on swine flu in humans. You'll find:

- Recommended databases and journals on the Ovid platform
- Suggested search terms and search strategies
- Bibliography of related articles

Please keep in mind that, in addition to the resources mentioned below, healthcare providers and researchers should also visit the websites of the [World Health Organization \(WHO\)](#), [Centers for Disease Control \(CDC\)](#), the [European Centre for Disease Prevention and Control \(ECDC\)](#), and other governmental, medical, and public health planning organizations for regular updates about the current H1N1 virus outbreak.

### Recommended Databases

- MEDLINE®
- EMBASE®
- BIOSIS®
- Global Health
- Evidence Based Medicine Reviews
- Biological Abstracts®
- Journals@Ovid
- Books@Ovid

### Full-Text Journals Available on Journals@Ovid

- *American Journal of Epidemiology* (Oxford University Press)
- *American Journal of Infection Control* (Mosby)

- *Clinical Medicine* (Royal College of Physicians)
- *Clinical Microbiology and Infection* (Wiley-Blackwell)
- *Current Opinion in Critical Care* (Lippincott Williams & Wilkins)
- *Current Opinion in Infectious Diseases* (Lippincott Williams & Wilkins)
- *Disaster Medicine and & Public Health Preparedness* (Lippincott Williams & Wilkins)
- *Epidemiology* (Lippincott Williams & Wilkins)
- *Epidemiology & Infection* (Cambridge University Press)
- *European Journal of Epidemiology* (Kluwer Academic Publishers)
- *Home Healthcare Nurse* (Lippincott Williams & Wilkins)
- *Infection Control & Hospital Epidemiology* (University of Chicago Press)
- *Infectious Diseases in Clinical Practice* (Lippincott Williams & Wilkins)
- *Influenza & Other Respiratory Viruses* (Wiley-Blackwell)
- *JAMA: Journal of the American Medical Association* (American Medical Association)
- *Journal of Clinical Nursing* (Wiley-Blackwell)
- *Journal of Epidemiology and Community Health* (BMJ Publishing Group)
- *Journal of Public Health Management and Practice* (Lippincott Williams & Wilkins)
- *Journal of Travel Medicine* (Wiley-Blackwell)
- *New England Journal of Medicine* (Massachusetts Medical Society)
- *Pediatric Infectious Disease Journal* (Lippincott Williams & Wilkins)
- *Respirology* (Wiley-Blackwell)

### Suggested Search Terms

#### **Keywords:**

Swine flu  
Swine influenza  
Tamiflu  
Relenza

#### **MEDLINE:**

Influenza A Virus, H1N1 Subtype/  
Infection Control/  
Disease Outbreaks/  
Disease transmission, Infectious/  
Oseltamivir/  
Zanamivir/  
Therapeutics/  
Diagnosis/  
Antiviral Agents/  
Influenza, Human/  
Disaster Planning/

#### **EMBASE:**

Swine influenza virus/  
Infection Control/  
Pandemic/  
Disease Transmission/  
Virus transmission/  
Antivirus Agent/  
Oseltamivir/  
Zanamivir/  
Therapy/  
Diagnosis/  
Symptom/  
Influenza Virus a H1n1/

### **Global Health**

Swine influenza/  
Swine influenza A viruses/  
Swine influenza viruses/  
Infection Control/  
Disease transmission/  
Human diseases/  
Diagnosis/  
Antiviral agents/  
Drug therapy/  
Epidemics/  
Disease control/  
Oseltamivir/  
Symptoms/

### **Basic Search Suggestions**

- Antiviral agents pandemic influenza
- Infection control pandemic influenza
- Diagnosis pandemic influenza

### **Advanced Search Suggestions**

#### **MEDLINE:**

1. Influenza A Virus, H1N1 Subtype/
2. Swine flu.ab.
3. Swine flu.ti.
4. Swine influenza.ab.
5. Swine influenza.ti.
6. 1 or 2 or 3 or 4 or 5
7. Exp Diagnosis/
8. 6 and 7
9. 8 not animals/

1. Influenza A Virus, H1N1 Subtype/
2. Swine flu.ab.
3. Swine flu.ti.
4. Swine influenza.ab.
5. Swine influenza.ti.
6. 1 or 2 or 3 or 4 or 5
7. Exp Therapeutics/
8. 6 and 7
9. 8 not animals/

1. Exp Oseltamivir/
2. Exp Zanamivir/
3. Tamiflu.mp.
4. Relenza.mp.
5. 1 or 2 or 3 or 4
6. Influenza A Virus, H1N1 Subtype/ or h1n1.mp
7. 5 and 6

1. Influenza a virus/
2. Disease outbreaks/
3. History, 20<sup>th</sup> Century/
4. 1 and 2 and 3

**EMBASE:**

1. Swine influenza virus/
2. Human/
3. 1 and 2

**Global Health:**

1. Swine influenza/
2. Human diseases/
3. 1 and 2

**BIOSIS:**

(influenza a h1n1 virus\$.af

## Bibliography of Related Articles

**What have previous influenza pandemics, and research taught us about infection control?**

**Appraisal of recommended respiratory infection control practices in primary care and emergency department settings.** Turnberg W. Daniell W. Seixas N. Simpson T. Van Buren J. Lipkin E. Duchin J. *American Journal of Infection Control*. 36(4):268-75, 2008 May. UI: 18455047

**Cases of swine influenza in humans: a review of the literature.** Myers, K. P. Olsen, C. W. Gray, Gregory C. *Clinical Infectious Diseases*. 44(8):1084-8, 2007 Apr 15. (NOTE: this article is not available on Journals@Ovid but is available at PubMedCentral:  
<http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pubmed&pubmedid=17366454>

**A comparison of infection control program resources, activities, and antibiotic resistant organism rates in Canadian acute care hospitals in 1999 and 2005: pre- and post-severe acute respiratory syndrome.** Zoutman DE. Ford BD. *American Journal of Infection Control*. 36(10):711-7, 2008 Dec. UI: 18834747

**Effect of surgical masks worn concurrently over N95 filtering facepiece respirators: extended service life versus increased user burden.** Roberge RJ. *Journal of Public Health Management & Practice*. 14(2):E19-26, 2008 Mar-Apr. UI: 18287908

**Exhaled air and aerosolized droplet dispersion during application of a jet nebulizer.** Hui, D. S. Chow, B. K. Chu, L. C. Y. Ng, S. S. Hall, S. D. Gin, T. Chan, M. T. V. *Chest*. 2009. 135: 3, 648-654. AN: 20093096828

**The impact of contact structure on infectious disease control: Influenza and antiviral agents.** Duerr H.-P., Schwehm M., Leary C.C., De vlas S.J., Eichner M. *Epidemiology and Infection*. 135(7) (pp 1124-1132), 2007. Date of Publication: Oct 2007. AN: 2007474461

**Pandemic influenza: What infection control professionals should know.**

Goldrick B.A., Goetz A.M. *American Journal of Infection Control*. 35(1)(pp 7-13), 2007. Date of Publication: Feb 2007. AN: 2007064476

**Preventing healthcare workers from acquiring influenza.** Ng TakChing Lee, N. Hui ShuCheong [Hui, S. C. D.] Lai, R. Ip, M. *Infection Control and Hospital Epidemiology*. 2009. 30: 3, 292-295. 13 ref. AN: 20093100763

### **Preparing for a Pandemic Influenza Outbreak**

**Ethics of triage in the event of an influenza pandemic.** Tabery, J., Mackett, C.W. *Disaster Medicine & Public Health Preparedness*. 2(2): 114-118, June 2008. AN: 01273293-200806000-000009.

**Pandemic influenza--how would you and your hospital cope?** Roberts HJ. Roberts ME. Lim WS. *Clinical Medicine*. 7(1):76-8, 2007 Jan-Feb. UI: 17348581

**Pandemic influenza planning in nursing homes: Are we prepared?.** Mody L., Cinti S. *Journal of the American Geriatrics Society*. 55(9)(pp 1431-1437), 2007. Date of Publication: Sep 2007. AN: 2007423639

### **Pandemic influenza preparedness, community engagement, and local public health practice.**

Ransom J. *Journal of Public Health Management and Practice*. 13(3)(pp 318-320), 2007. Date of Publication: May 2007. AN: 2007195303

**Pandemic planning: Non-pharmaceutical interventions.** Low D.E. *Respirology*. 13(SUPPL. 1)(pp S44-S48), 2008. Date of Publication: Mar 2008. AN: 2008229874

**Planning for pandemic influenza: effect of a pandemic on the supply and demand for blood products in the United States.** Zimrin AB. Hess JR. *Transfusion*. 47(6):1071-9, 2007 Jun. UI: 17524099

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**Response to avian influenza and preparedness for pandemic influenza: Thailand's experience.** Chunsuttiwat, S. *Respirology*. 2008. 13: Suppl. 1, S36-S40. AN: 20083181502

**Team learning: Preparing for pandemic flu.**

Thomas M.G. *Work Based Learning in Primary Care*. 4(4)(pp 393-400), 2006.  
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**Information on Antivirals**

**Antiviral Therapy for Avian Influenza Virus (H5N1) Infection at 2 Thai Medical Centers: Survey Findings and Implications for Pandemic Preparedness.** Apisarnthanarak, Anucha MD; Mundy, Linda M. MD *Infection Control & Hospital Epidemiology*. 29(12):1185-1188, December 2008. AN: 00004848-200812000-00016.

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