### WEB INFORMATION

# Avian Influenza (Bird Flu) & Homoeopathy: Search On Internet

O.P. Verma\*

"Given the high level of global traffic, the pandemic virus may spread rapidly, leaving little or no time to prepare."

- World Health Organization

Avian influenza (AI) is a disease of viral etiology that ranges from a mild or even asymptomatic infection to an acute, fatal disease of chickens, turkeys, guinea fowls, and other avian species, especially migratory waterfowl.

Most avian species appear to be susceptible to at least some of the Al viruses. A particular isolate may produce severe disease in turkeys but not in chickens or any other avian species. Therefore, it would be impossible to generalize on the host range for HPAI, for it will likely vary with the isolate. This assumption is supported by reports of farm outbreaks where only a single avian species of several species present on the farm became infected. Swine appear to be important in the epidemiology of infection of turkeys with swine influenza virus when they are in close proximity. Other mammals do not appear to be involved in the epidemiology of HPAI. The infection of humans with an H5 avian influenza virus in Hong Kong in 1997 has resulted in a reconsideration of the role of the avian species in the epidemiology of human influenza.

Highly pathogenic avian influenza viruses have periodically occurred in recent years in Australia (H7), England (H7), South Africa (H5), Scotland (H5), Ireland (H5), Mexico (H5), Pakistan (H7), and the United States (H5). Because laboratory facilities are not readily available in some parts of the world to differentiate Newcastle disease and HPAI, the actual incidence of HPAI in the world's poultry flocks is difficult to define. It can occur in any country, regardless of disease control measures, probably because of its prevalence in wild migratory waterfowl, sea birds and shore birds.

Highly pathogenic avian influenza is suspected with any flock where sudden deaths follow severe depression, inappetence, and a drastic decline in egg production. The presence of facial edema, swollen and cyanotic combs and wattles, and petechial hemorrhages on internal membrane surfaces increases the likelihood that the disease

is HPAI. However, an absolute diagnosis is dependent upon the isolation and identification of the causative virus. Commercially available type A influenza antigen-capture enzyme linked immunosorbent assay kits designed for use in human influenza have recently shown promise as a possible rapid diagnostic test for poultry.

This article is intended for busy scientists engaged in research work in the field of Avian Flu to help them reap the benefits of the Internet without surfing too much for locating the resources.

### http://www.pandemicflu.gov/

One stop access to U.S. Government avian and pandemic flu information. Managed by the Department of Health and Human Services. The risk from avian influenza is generally low to most people, because the viruses do not usually infect humans. However, confirmed cases of human infection from several subtypes of avian influenza infection, including H5N1, have been reported since 1997. Most cases of avian influenza infection in humans have resulted from contact with infected poultry (e.g., domesticated chicken, ducks, and turkeys) or surfaces contaminated with secretion/excretions from infected birds.

#### http://www.cdc.gov/flu/avian/

The Centres for Disease Control and Prevention stated how are avian, pandemic, and seasonal flu different?

Avian flu is caused by avian influenza viruses, which occur naturally among birds.

Pandemic flu is flu that causes a global outbreak, or pandemic, of serious illness that spreads easily from person to person. Currently there is no pandemic flu.

Seasonal flu is a contagious respiratory illness caused by influenza viruses.

<sup>\*</sup> Librarian, Central Council for Research in Homoeopathy, New Delhi

### www.who.int/csr/disease/ avian\_influenza/en/

WHO is coordinating the global response to human cases of H5N1 avian influenza and monitoring the corresponding threat of an influenza pandemic. Information on this page tracks the evolving situation and provides access to both technical guidelines and information useful for the general public.

### www.homeopathy.boiron.com/en/htm/ service/actualites.htm

The first WORLD MEDICAL CONFERENCE on the theme 'Homeopathy and Avian Influenza' took place in Paris on Saturday 19 November 2005. Homeopathy is routinely used and prescribed for the prevention and as treatment for "ordinary" influenza with an effectiveness that has been recorded in several scientific publications\*. This explains why homeopathic physicians and pharmacists are being increasingly consulted about avian influenza: what can homeopathy do? On a preventive or curative level?

### www.homeoweb.com/clinic/ bird\_flu.htm

Homeopathy offers a much effective treatment against viral infections in general. Also it offers complete cure in almost all infectious illness if there is not much destruction of tissues that is in cases other than advanced pathological changes. It is of greater importance that as homeopathy can start effective treatment based on symptomatology one can start the damage control much earlier before actual diagnosis of bird flu. The only problem being many a cases of possible bird flue (or any other grave or answerless illness) will be completely cured without there is a chance for proper diagnosis and recording the credit to the account of homeopathy. But no good homeopath needs credit but relief to suffering human

### w w w . u s e n a t u r e . c o m / article\_bird\_flu.htm

Its not difficult to find someone these days who is concerned about the possibility of an influenza pandemic throughout the world. Equally common are the theories that abound from a plethora of 'experts' and medical/scientific institutions about its likelihood, the form it might take and the possible levels of devestation that it might reap throughout the animal and human populations.

### http://www.wisegeek.com/what-is-birdflu.htm

Most health experts researching and fighting the incidence of human bird flu do not have

an optimistic outlook. They point out that the pathogen has not appeared to evolve such that human-to-human contact is contagious, yet it remains that people working with fowl, swimming in infected rivers, playing in an area where carcasses were buried, or breathing air near a poultry processing plant, can lead to infection.

### w w w . h o m e o w e b . c o m / bird\_flu\_more.htm

There has been much discussion about the merits or otherwise of Avian Flu anti-viral medicines in the media but no discussion of the effectiveness of homeopathy in the treatment of influenza. History shows us that homeopathy was used by homeopathic physicians in USA to treat patients during 1918-1919 influenza epidemic. From information recorded by these doctors, homeopathic treatment was highly successful. In most cases one or two homeopathic medicines were needed. These are known as the "Genus epidemicus" in an epidemic and become known through the careful observation of a number of influenza cases. It is difficult to speculate exactly what homeopathic remedies will work best in the possible Avian flu epidemic. However there are a number of known 'flu remedies that may be useful eg Gelsemium, Bryonia, Arnica, Eupatorium perfoliatum, Arsenicum etc . In the 1918 epidemic Gelsemium and Bryonia were most commonly indicated according to the following extracts

### www.acaciaanimalcare.com/ influenza.htm

Many viruses and bacteria travel between species. Usually they do not cause overt disease in humans , people for example catch Fowlpox without even knowing they have had it, as it may not replicate in the cells.

## www.goldbamboo.com/topic-t7926.html

Influenza, or flu, is a respiratory infection caused by a variety of flu viruses. The most familiar aspect of the flu is the way it can "knock you off your feet" as it sweeps through entire communities. Studies suggest that the prescription medicines approved for human flu viruses would work in preventing bird flu infection in humans. However, flu viruses can become resistant to these drugs, so these medications may not always work. The risk from bird flu is generally low to most people because the viruses occur mainly among birds and do not usually infect humans. However, during an outbreak of bird flu among poultry (domesticated chicken, ducks, turkeys), there is a possible risk to people who have contact with infected birds or surfaces that have been contaminated with excretions from infected birds.

#### www.bird-flu-facts.info/date/2005/11

What type of vaccines has been developed for bird flu - This website publishes bird flu information and resources. The H5N1 strain of bird flu has killed at least 62 people in Asia so far. It is a flu carried by birds that can be contracted by humans. There are growing fears that a pandemic could start soon as a result of this bird flu. There is currently no vaccine for the bird flu, but if an pandemic occurs with a hybrid form, researchers will be quick to engineer one.

#### www.appleseek.com/6885.php

AS BIRD flu, or Avian Influenza, raged through Asia, countries such as Vietnam, China, Thailand, Indonesia, Cambodia, Laos, Japan, Korea and Taiwan are stepping up on massive culling of their poultry as they are seized by a realisation that the animal virus could eventually threaten human lives.

www.information-homeopath.com/Bird-flu.html According to CDCP (the US Centre for Disease Control and Prevention), symptoms of bird flu in humans have ranged from typical flu-like symptoms (fever, cough, sore throat and muscle aches) to eye infections, pneumonia, severe respiratory diseases (such as acute respiratory distress), and other severe and life-threatening complications. (The symptoms of bird flu may depend on which virus caused the infection.) This sounds like bad news. However!...

Bird flu is hard to catch Judging from reports so far, catching bird flu is quite difficult. You have to live with the chickens, literally in the same room as them, and be handling them or in physical contact with them for quite some time. This explains why few people have caught it so far.

#### www.cochrane.org/reviews/en/ ab001957.html

Homoeopathic Oscillococcinum does not prevent influenza, but probably shortens the length of the illness .Influenza (the flu) is a highly infectious disease caused by viruses. Other than treatments for complications (such as pneumonia), conventional medical treatment is bed rest. Homeopathy is a system based on "curing like with like", often using highly diluted substances. Oscillococcinum is a homoeopathic preparation manufactured from wild duck heart and liver (common sources of influenza). It is claimed that Oscillococcinum (or similar homeopathic medicines) can be taken regularly over the winter months to prevent flu, or as a treatment. The review found that

trials do not show that it can prevent flu. Taking it once you have flu probably shortens the illness, but more research is needed.

#### www.shrtn.info/users/surveillanceavian-flu

This Day Online - Federal Government and the 36 state governments at the weekend called on international agencies and other development partners to come to its aid in tackling the avian influenza which has spread to 10 states of the country so far.

#### www.netplo.com/pworldsflu.html

This is a planet wave resource area in the field of study of Avian Flu. Access to the latest news regarding outbreaks of disease. Page also provides access to disease outbreak news archives, (by year, disease or country). A RSS feed for notification of updates is also available from this page.

#### www.avianflutests.com/list/2/avian-fluhomeopathic-remedy.html

Welcome to the information page about avian flu homeopathic remedy.

They have compiled a list of avian flu homeopathic remedy websites at: avian flu homeopathic remedy Site Map. This list of avian flu homeopathic remedy websites will be updated regularly.

#### http://www.911-bird-flu.com/

This is a specialized news site for Bird Flu. One minute the US government is stockpiling Tamiflu, the main drug used to treat flu symptoms in Asian hospitals; the next, researchers say that H5N1 virus is already mutating and building resistance to the drug. So, what's a fairly-conscious, always-prepared, not-ready-to-die-of-blasted-flu health nut supposed to do? Get some antivirals in your natural remedies cabinet. Olive leaf extract is a good one. So is LarreaX, made from a plant in the Southwest desert. Others rely on colloidal silver.

#### www.birdfluweb.com

We have put this web site together for anyone interested in bird flu symptom so we invite you to take a tour. We hope you find what you are looking for. But if you don't please do not hesitate to email us at the address shown at the bottom of this web site. It is your feedback that helps us to make sure that this site eventually becomes one of the best bird flu symptom resources on the web.