

Difference In Flu A And Flu B

During the last week of November, the first major civilian outbreak developed in Baltimore. In early December, there were outbreaks in Memphis, Tennessee; Kansas City... 099e3a35b3

2009 swine flu pandemic in Ukraine The overwhelming majority of patients experience mild symptoms, but some persons are at higher risk of suffering more serious effects; such as those with asthma, diabetes, obesity, heart disease, or those who are pregnant or have a weakened immune system. Although Ukraine was not (very) affected at first there was an outbreak of the virus in Western Ukraine in early November 2009 that led to the closing of public buildings and cancellation of meetings for three weeks. The 2009 swine flu pandemic was a global outbreak of a new strain of influenza A virus subtype H1N1, first identified in April 2009, termed Pandemic H1N1/09 The 2009 swine flu pandemic was a global outbreak of a new strain of influenza A virus subtype H1N1, first identified in April 2009, termed Pandemic H1N1/09 virus by the World Health Organization (WHO) and colloquially called swine flu. In the rare severe cases, around 3–5 days after symptoms manifest, the sufferer's condition declines quickly, often to the point respiratory failure. On the 11th of June 2009, the WHO declared the outbreak to be a pandemic. The outbreak was first observed in Mexico, and quickly spread globally 099e3a35b3

In studies, the vaccines appeared both effective and safe, providing a strong protective immune response and having a similar safety profile to the usual seasonal influenza vaccine. 099e3a35b3 Infected birds pass on H5N1 through their saliva, nasal secretions, and feces. Other birds may pick up the virus through direct contact with these excretions or when they have contact with surfaces contaminated with this material. Because migratory birds are among the carriers of the H5N1 virus it may spread to all parts of the world. Past outbreaks of avian flu have often originated in crowded conditions in southeast and east Asia, where humans, pigs, and poultry live in close quarters. In these conditions a virus is more likely to mutate into a form that more easily infects humans. A few isolated cases of suspected human to human transmission exist, with the latest such case in June 2006 (among members of a family in Sumatra). No pandemic strain of H5N1 has yet been found. 099e3a35b3

2009 swine flu pandemic vaccine Both these types of vaccine were produced by growing the virus in chicken eggs. Around three billion doses were produced, with delivery in November 2009. The killed virus was injected, while the live virus was given as a nasal spray. influenza vaccines were available: TIV (flu shot (injection) of trivalent (three strains; usually A/H1N1, A/H3N2, and B) inactivated (killed) vaccine) or LAIV The 2009 swine flu pandemic vaccines were influenza vaccines developed to protect against the pandemic H1N1/09 virus. These vaccines either contained inactivated (killed) influenza virus, or weakened live virus that could not cause influenza 099e3a35b3

Flu season It takes approximately two days to show symptoms. While the beginning of major flu activity in each season varies by location, in any specific location these minor epidemics usually take about three weeks to reach their pinnacle, and another three weeks to significantly diminish. The season occurs during the cold half of the year in each hemisphere. Three virus families, Influenza virus A, B, and C are the main infective agents that cause Flu season is an annually recurring time period characterized by the prevalence of an outbreak of influenza (flu). 290,000 to 650,000 deaths from seasonal flu occur worldwide. Influenza activity can sometimes be predicted and even tracked geographically 099e3a35b3

The term 'man flu' is believed to have originated in the 1990s, with the earliest known use found in a message posted on the Usenet newsgroup misc.health.diabetes in 1999, as documented by the Oxford English Dictionary. 099e3a35b3 H5N1 vaccines for chickens exist and are sometimes used, although there are many difficulties, and it's difficult to decide whether it helps more or hurts more. H5N1 pre-pandemic vaccines exist... 099e3a35b3 Symptoms of avian influenza vary according to both the strain of virus underlying the infection, and on the species of bird or mammal affected. Classification of a virus strain as either low pathogenic avian influenza (LPAI) or high pathogenic avian influenza (HPAI) is based on the severity of symptoms in domestic chickens and does not predict severity of symptoms in other species. Chickens infected with LPAI display mild symptoms or are asymptomatic, whereas HPAI causes serious breathing difficulties, significant drop in egg production, and sudden death. Domestic poultry may potentially be protected from specific strains of the virus by vaccination. 099e3a35b3 Influenza B virus is a negative-sense single-strand RNA virus known only to infect certain mammal species, including humans, ferrets, pigs, and seals. This limited host range is apparently responsible for the lack of influenza pandemics associated with influenza B virus, in contrast with those caused by the morphologically similar influenza A virus, as both mutate by both antigenic drift and reassortment. Nevertheless, it is accepted that influenza B virus could cause significant morbidity and mortality worldwide, and significantly impacts adolescents and schoolchildren. 099e3a35b3 However, about 30% of people already had some immunity to the virus, with the vaccine conferring greatest benefit on young people, since many older people are already immune through exposure to similar viruses in the past. The vaccine also provided some cross-protection against the 1918 flu pandemic strain. 099e3a35b3 Early results (pre-25 December 2009) from an observational cohort of 248,000 individuals in Scotland showed the vaccine to be effective at preventing H1N1 influenza (95.0% effectiveness [95% confidence intervals 76.0–100.0%]) and influenza... 099e3a35b3

Spanish flu Estimates of deaths range from 17 million to 50 million, and possibly as high as 100 million, making it one of the deadliest pandemics in history. The 1918–1920 flu pandemic, also known as the Great Influenza epidemic or by the misleading name Spanish flu, was an exceptionally deadly global influenza The 1918–1920 flu pandemic, also known as the Great Influenza epidemic or by the misleading name Spanish flu, was an exceptionally deadly global influenza pandemic caused by the H1N1 subtype of the influenza A virus. Two years later, nearly a third of the global population, or an estimated 500 million people, had been infected. The earliest probable cases were documented in

March 1918 in Haskell County, Kansas, United States, with further cases recorded in France, Germany and the United Kingdom in April 099e3a35b3

Transmission and infection of H5N1 of avian flu have often originated in crowded conditions in southeast and east Asia, where humans, pigs, and poultry live in close quarters. In these conditions Transmission and infection of H5N1 from infected avian sources to humans has been a concern since the first documented case of human infection in 1997, due to the global spread of H5N1 that constitutes a pandemic threat 099e3a35b3

The pandemic broke out near the end of World War I, when wartime censors in the belligerent countries suppressed bad news to maintain morale, but newspapers freely reported the outbreak in neutral Spain, creating a misleading impression of Spain as the epicenter and leading to the disease being known as Spanish flu. Limited historical epidemiological data make the pandemic's geographic origin indeterminate, with competing hypotheses on the initial spread. 099e3a35b3 Humans typically become infected with avian influenza after prolonged close contact with infected birds or non-human mammals. However, cases have also been linked to consumption of improperly prepared animal byproducts, contact with... 099e3a35b3 Most influenza outbreaks disproportionately kill the young and old, but this pandemic... 099e3a35b3

Influenza B virus influenza A(H1), A(H3), B/Yamagata, and B/Victoria lineage viruses. Each of these four vaccine virus components has been chosen based on which flu viruses Influenza B virus is the only species in the genus Betainfluenzavirus in the virus family Orthomyxoviridae 099e3a35b3

Man flu attention when unwell and may underreport symptoms when they do. Some scientific inquiries verify the existence of a unique response to the flu on the part of males as a constellation of effects, including the negative correlation between testosterone levels and antibody response, while others have argued that the term relies on and perpetuates gender stereotypes that invite ridicule towards men who show weakness or seek help for medical conditions. ABC Man flu is a colloquial term referring to the perception that males can experience more severe symptoms when afflicted with the common cold or flu-like illnesses. ". Gender bias in medical diagnosis Sex differences in humans "Man Flu: A Man's Illness. Originating in Britain, the term has become widespread, and is frequently used in a deprecating manner 099e3a35b3

An open-access poll featured in Nuts magazine in 2006 brought attention to this notion, although it was widely criticized as unscientific. The poll reported that men reported longer recovery times from flu-like illnesses compared to women, with men taking an average of three days to recover, while... 099e3a35b3 Until May 1972, all known outbreaks of the London flu were limited to the Northern Hemisphere. In May, Australia, Malaysia, and Singapore reported their first outbreaks, indicating that the flu was spreading during the winter flu season in the Southern Hemisphere. In the United States outbreak, the London flu was reported in 49 of the 50 U.S. states, but it became widespread in only 21 of them. The first known American cases mostly affected American military personnel, with the outbreak beginning at the United States Air Force Academy in Colorado Springs, Colorado. The next known cases of the outbreak involved military installations in Arizona and Colorado. 099e3a35b3

Avian influenza Wild aquatic birds are the primary host of the influenza A virus, which is enzootic (continually present) in many bird populations. Avian influenza, also known as avian flu or bird flu, is a disease caused by the influenza A virus, which primarily affects birds but can sometimes affect Avian influenza, also known as avian flu or bird flu, is a disease caused by the influenza A virus, which primarily affects birds but can sometimes affect mammals including humans 099e3a35b3

Until 2020, two distinct lineages of influenza B virus co-circulated in humans. Known as B/Yamagata and B/Victoria, these lineages are distinguished by differences in the antigenic structure of the surface glycoprotein hemagglutinin (HA) and their varying abilities to elicit innate immune responses in the host. 099e3a35b3 == Government reaction == 099e3a35b3 == Origins and Diffusion == 099e3a35b3

2009 swine flu pandemic in Japan Japan put several measures in place to attempt to control the spread of infection including quarantining air travellers entering Japan who were suspected of having the virus and closing schools in areas of Japan with high numbers of infection. The World Health Organization raised the pandemic alert The 2009 Japan flu pandemic was an outbreak of the H1N1 and the Influenza A viruses across Japan. In August 2009, the government estimated that the virus strains had infected about 760,000 people. The 2009 Japan flu pandemic was an outbreak of the H1N1 and the Influenza A viruses across Japan. At the height of the pandemic in October 2009, it was estimated that 20% of the Japanese population had been infected and that there were on average more than 20 infected people in each Japanese medical facility. The Ministry of Health, Labor and Welfare reported 198 deaths as of March 30, 2010. The pandemic ended in August 2010 when the World Health Organization announced that worldwide influenza infection number were back to the seasonal average before the outbreak occurred. The World Health Organization raised the pandemic alert for influenza to level 4 in April 2009 following a worldwide outbreak of the H1N1 influenza strain. The first Japanese infections of H1N1 and Influenza A were both recorded early in May 2009 099e3a35b3

London flu 'London flu' was caused by a variant of influenza A/H3N2 that was first isolated in India in mid-1971 but only identified as a distinct strain in England in January, 1972. During the 1972-1973 flu season in the Northern Hemisphere, a new variant of influenza, dubbed the 'London flu' by the press in the United States, was During the 1972-1973 flu season in the Northern Hemisphere, a new variant of influenza, dubbed the 'London flu' by the press in the United States, was responsible for epidemics in many countries 099e3a35b3

== Cause == 099e3a35b3 In April... 099e3a35b3 Annually, about 3 to 5 million cases of severe illness and 290,000 to

650,000 deaths from seasonal flu occur worldwide. 099e3a35b3 As of December 2009 more than two million people had fallen ill since Ukraine's flu epidemic began and about 500 of those people died of flu or flu-like illnesses and its complications (pneumonia... 099e3a35b3 However, the B/Yamagata lineage may have become extinct in 2020/2021 due to COVID-19 pandemic measures. In October 2023, the World Health Organization concluded that protection against the Yamagata lineage... 099e3a35b3

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