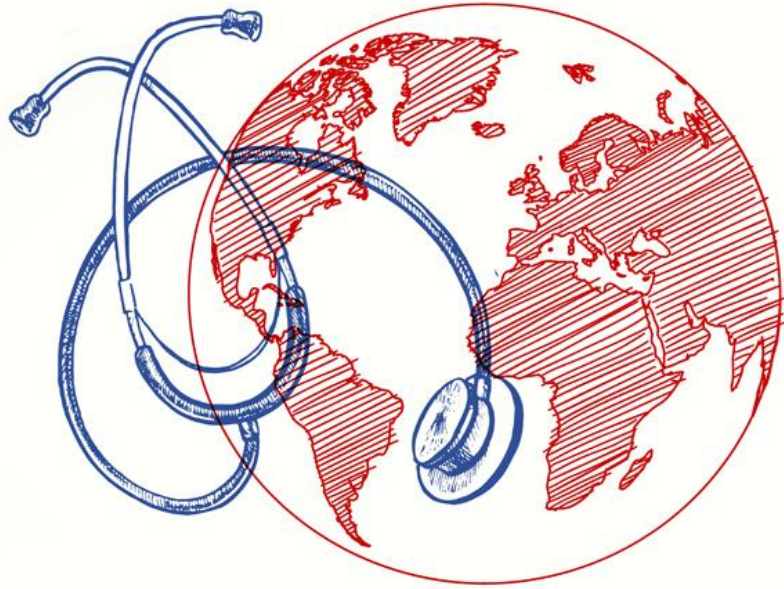


Global Health Cast 78

September 10, 2024



Dr. Melvin Sanicas
X @Vaccinologist

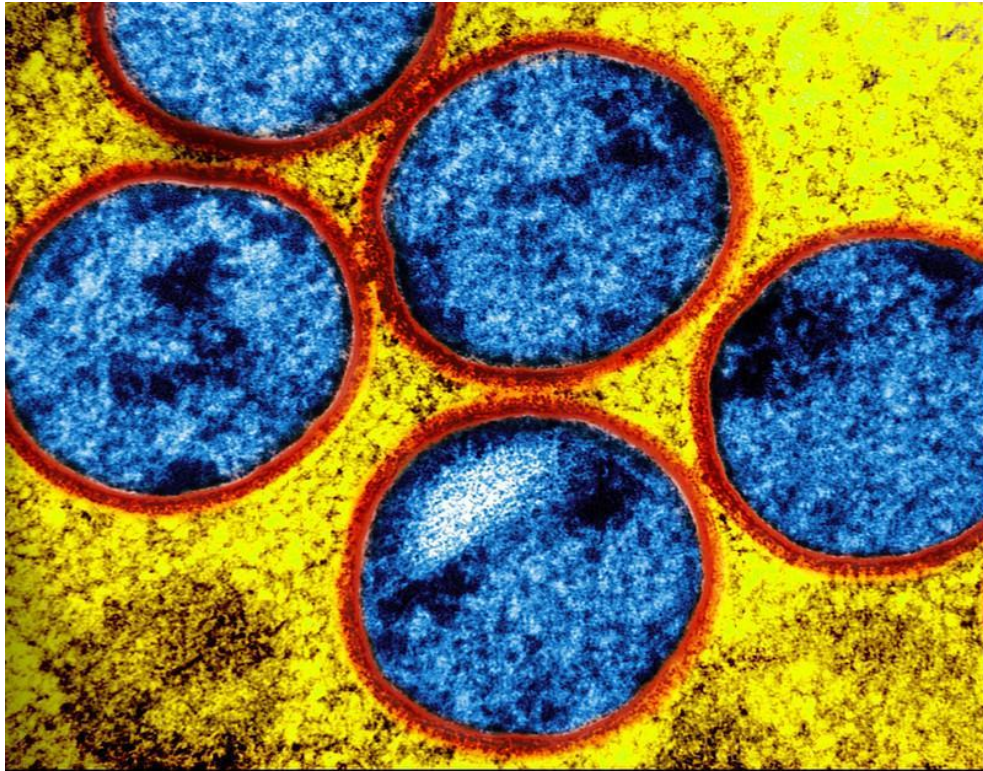


Prof. Dr. Joe Schmitt
X @Prof_Schmitt

What we talk about today

- **MPOX update in Africa, officials launch response plan**
- **MPOX infection prevention and control**
- **Saline drops reduce duration of common cold in kids**
- **Human H5 case in Missouri**
- **WHO: Disease Outbreak News (DONs)**

MPOX update in Africa, officials launch response plan



In a significant step to strengthen and accelerate the response to the ongoing the mpox outbreak, the Africa Centres for Disease Control and Prevention (Africa CDC) and World Health Organization (WHO) launched a joint continental response plan for Africa to support countries' efforts to curb the spread of the virus, save and protect lives.

MPOX infection prevention and control REMINDER

a



Avoid direct contact with mpxo patients



Wear personal protective equipment (gown, gloves, eye protection and fitted N95 mask)



Cover the skin lesions of confirmed mpxo patients



Use gloves while handling mpxo patients' laundry



If available, place the mpxo patient in a negative pressure room in the hospital

MPOX infection prevention and control REMINDER

b



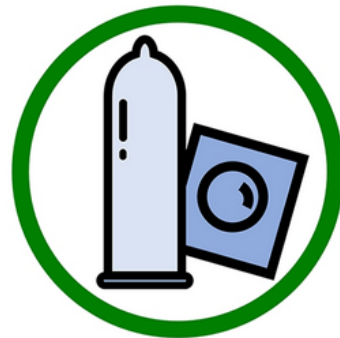
Mpox patients should self-isolate



Avoid intimate contact with someone infected or exposed to the mpox virus



Maintain good hand hygiene and respiratory etiquette



Practice safe sex



Disinfect high-touch areas after having visitors at home

Saline drops reduce duration of common cold in kids



- ✓ Non-prescription saline nasal sprays and drops are used to keep nasal tissues moist, relieve nasal irritation, and help thick or dried mucus to drain.
- ✓ Saline nose sprays and drops can be purchased without a prescription or can be made easily at home.

- Using **hypertonic saline nasal drops can reduce the length of the common cold in children by two days**, according to a study that will be presented at the European Respiratory Society (ERS) Congress in Vienna, Austria.
- They can also **reduce the onward transmission of colds to family members.**
- The results of the **ELVIS-Kids randomised controlled trial** were presented by Professor Steve Cunningham from Child Life and Health, University of Edinburgh.

CDC Confirms Human H5 Bird Flu Case in Missouri

- ▶ This is the 14th human case of H5 reported in the USA during 2024
- ▶ first case of H5 without a known occupational exposure to sick or infected animals
- ▶ H5 outbreaks in cattle have not been reported in Missouri, but in commercial and backyard poultry flocks in 2024. H5N1 bird flu has been detected in wild birds in that state in the past.
- ▶ The specimen from the patient originally tested positive for influenza A, but negative for seasonal influenza A virus subtypes. That finding triggers additional testing.
- ▶ There has been no sign of unusual influenza activity in people, including in Missouri.
- ▶ Identification of the neuraminidase (the "N") in the patient specimen is pending further sequencing. Attempts to sequence the genome of the virus also are underway at CDC.

WHO: Disease Outbreak News (DONs)

[Disease Outbreak News \(who.int\)](https://www.who.int/don)

Disease Outbreak News

4 September 2024 | Influenza A(H1N1) variant virus - Viet Nam

Disease Outbreak News

2 September 2024 |

Disease Outbreak News

30 August 2024 | M

Disease Outbreak News

23 August 2024 | O



oransis. (Photos: Bruna Lais Sena do Nascimento, Laboratório de Entomologia Médica/SEARB/IEC.)

Disease Outbreak News

23 August 2024 | Acute encephalitis syndrome due to Chandipura virus - India

Disease Outbreak News

22 August 2024 | Mpox - African Region

Disease Outbreak News

22 July 2024 | Dengue - Iran (Islamic Republic of)

Disease Outbreak News

9 July 2024 | Mpox - South Africa

Disease Outbreak News

14 June 2024 | Avian Influenza A(H5N2) - Mexico

Disease Outbreak News

14 June 2024 | Mpox - Democratic Republic of the Congo

Disease Outbreak News

11 June 2024 | Avian Influenza A (H9N2) - India

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I've got 99 problems, BUT

- ▶ Diphtheria,
- ▶ Tetanus,
- ▶ Pertussis,
- ▶ Hib-meningitis,
- ▶ Hepatitis B,
- ▶ Polio,
- ▶ Measles,
- ▶ Mumps,
- ▶ Rubella,
- ▶ Varicella,
- ▶ Pneumococcus,
- ▶ Meningococcus,
- ▶ and more

is not among them 😊