



# The History of Measles

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## Disney on Ice, March 8, 2024

Cincinnati Health department report possible Measles exposure.  
March 8, 2024

“Anyone who attended the show or was in the building up to two hours after the show ended may have been exposed to measles” according to the health department.

# Introduction

- Measles is a Viral disease.
- Measles is one of the most contagious diseases.
- Measles Causes of Child Morbidity and Mortality in the world.
- Measles is resurging.

# History

- Known as a crowd Disease Civilisation.
- has been around for some 5000 years in the old world.
- Measles was totally absent from americas prior to the arrival of Europeans.
- Was described as early as the 9th BCE century by Persian physician Rhazes.

# Incubation Period and Symptoms

Incubation period is about 14 days,

The disease begins with a 2–4 day invasion phase

- Fever reach 104 °Fahrenheit
- Rhinitis with a runny nose
- Rash(Red spots)
- Cough...

# Measles Virus and Mutations

- Measles virus(MV) is an RNA(ribonucleic acid) virus.

## Mutations:

- Its Genome began to change in harmful ways.
- The genome replicated, creating other genomes that are slightly different. These genomes replicated again,...

# Measles Vaccine and Limits

- MMR Combination Measles, Mumps and Rubeola vaccine.
- The individual should take 2-dose to be completely immunized.
- One dose can not prevent the disease.

# The Resurging Of Measles

- COVID-19 pandemic.



# Prevention

- The MMR vaccine is best way to prevent Measles.
- No specific medical treatment.
- The virus should run its course( 10 to 14 days)

# Management and treatment

- Getting plenty of rest.
- Drinking lots of fluids.
- Gargling with salt water.
- Avoiding harsh light if your eyes hurt.
- Isolate self from school and public places

# Suggestions

- Schools should continue enforce strictly the 2-dose measles-mumps-rubeola vaccination requirement before complete enrollment.
- States should consider revaccinating students who received measles vaccine outside of the United States.

## Work Cited

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