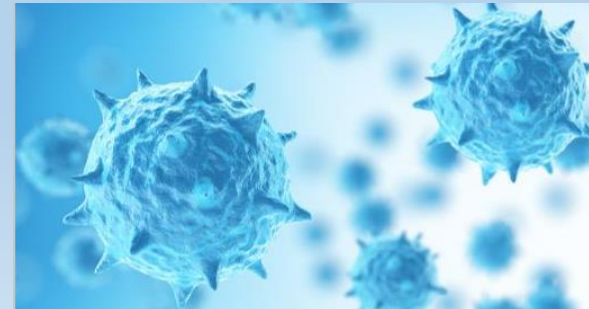


Saddle up for success

Outbreak Tabletop Exercise: Public Health Coordination

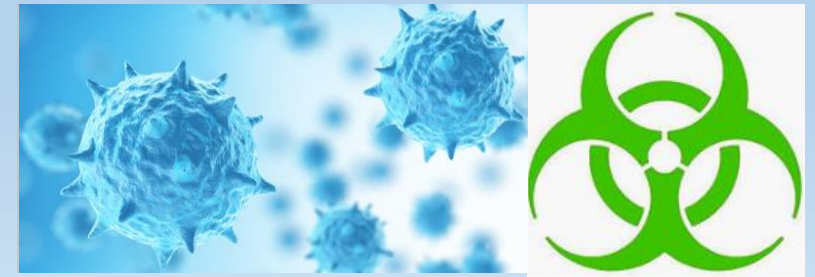
Viral Respiratory Diseases Detection
and Containment in Long-term Care
Facilities
2019 Workshops



Scenario

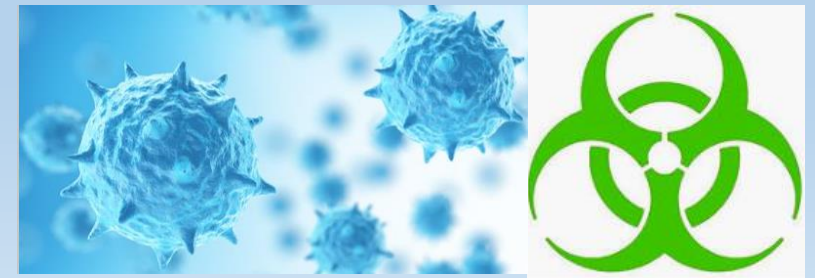
- Friday afternoon, Mid-September, Southeast Louisiana
- You just got a report that a resident who was transferred to the hospital earlier in the week is rapid positive for influenza B. In addition to the hospitalized resident, two residents have upper respiratory infection (URI) symptoms and two residents who have chronic respiratory issues seem worse than their baseline.
- Your facility had a confirmed influenza A outbreak 2 months prior.

What are your next steps on the above information?



- Specimens are collected from the 4 additional symptomatic residents for testing at the state public health laboratory but results may not be back before the end of the day. 2 additional residents begin experiencing similar URI symptoms.

Is influenza antiviral chemoprophylaxis indicated?



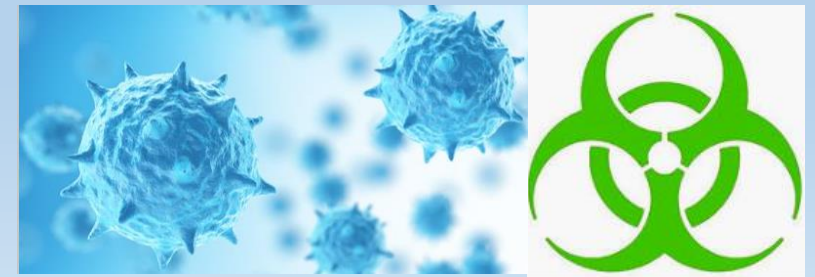
- Three of the four specimens are positive for Human Metapneumovirus (HPMV), one is negative for all pathogens.

HPMV is a virus that was first described in 2001. Almost all children are affected by 5 years of age., but reinfection can occur throughout life, especially in older adults and immunocompromised persons. It typically circulates from winter through late spring. There is no vaccine and treatment is supportive.

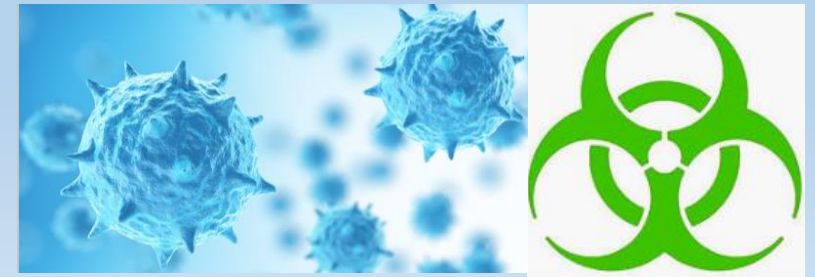
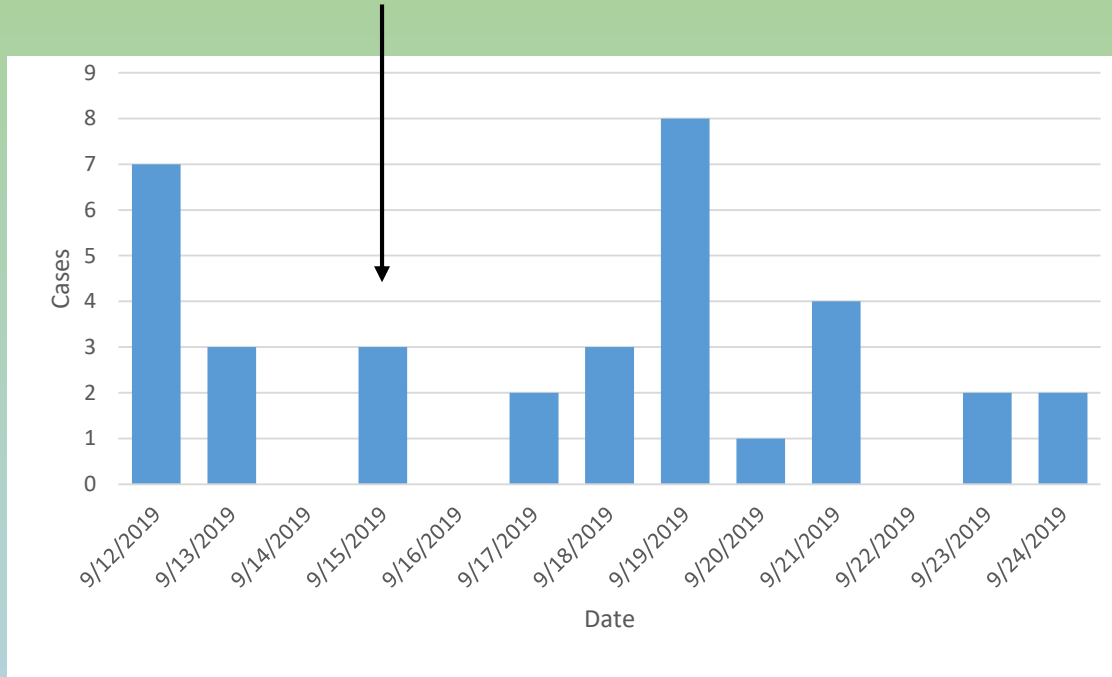
What precautions can you initiate to limit transmission?

Will you take steps to limit visitors?

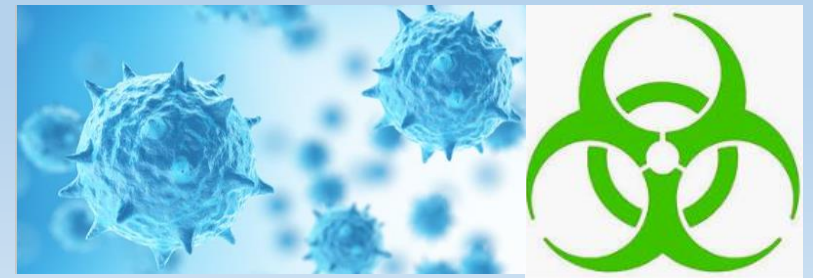
What about new admissions?



- By Monday you have 13 cases. All halls in the facility are affected.



Open Discussion



- The last symptomatic patient was identified 11 days after the report to public health.
 - *35 total cases out of 112 residents (attack rate: 31%)*
 - *Four hospitalizations*
 - *18 positive for HPMV*
 - *No other pathogens identified*
- Outbreak was considered over 10 days after the last onset.

