




Nebraska Infection  
Control Network

# Outbreak Identification and Management in Long Term Care

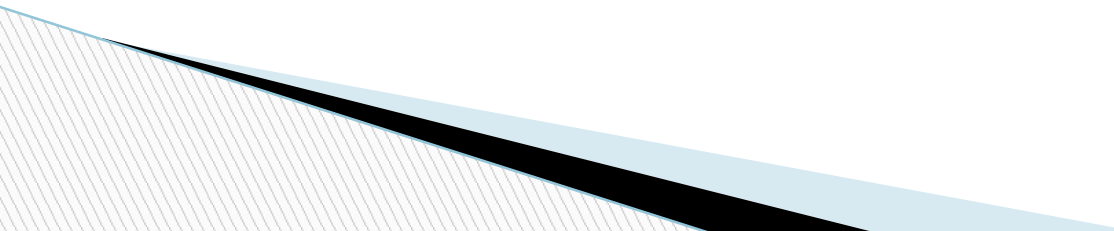
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# Overview

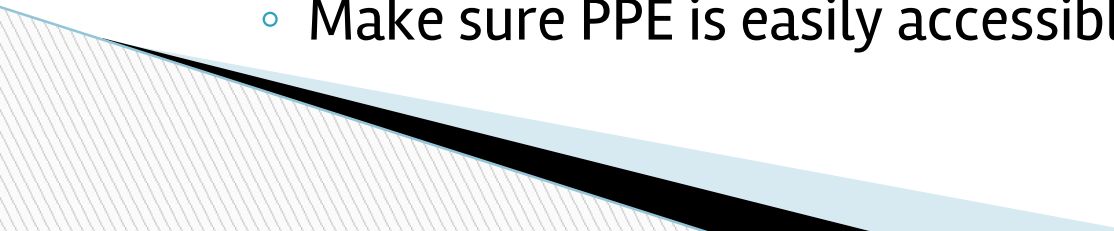
- ▶ Definition
  - ▶ Identification
  - ▶ Communication
  - ▶ Isolation
  - ▶ Environment
  - ▶ Staff
  - ▶ Summary
- 

# What is an outbreak?

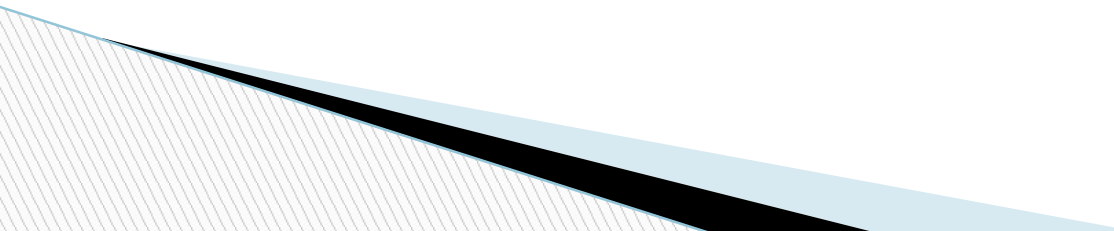
"An outbreak is a sudden rise in the number of cases of a disease. An outbreak may occur in a community or geographical area, or may affect several countries. It may last for a few days or weeks, or even for several years." [https://apic.org/monthly\\_alerts/outbreaks-epidemics-and-pandemics-what-you-need-to-know/](https://apic.org/monthly_alerts/outbreaks-epidemics-and-pandemics-what-you-need-to-know/)



# Identification

- ▶ Know your baseline
  - ▶ Look for an unusual increase in symptoms
  - ▶ Act early to prevent additional transmission
    - Do not wait for lab confirmation to act
  - ▶ Hand Hygiene
    - <https://www.cdc.gov/handhygiene/providers/guideline.html>
  - ▶ Appropriate PPE use
    - Make sure PPE is easily accessible
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# Communication

- ▶ Notify management and staff immediately of a potential outbreak
  - ▶ Develop a pre-arranged list of staff to notify
  - ▶ Make sure staff know who to contact (multiple people)
  - ▶ Post signs in public areas
  - ▶ Health Department is a great resource
  - ▶ Standing orders for tests &/or medication
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# Isolation

- ▶ Number of sick residents that will trigger a quarantine of a neighborhood.
- ▶ Suspending group activities for the whole facility as opposed to just the quarantined neighborhoods.
- ▶ Limit visitors to the neighborhood as much as possible
  - Educate those that choose to visit
  - Promote strict adherence to infection control measures
- ▶ Resident needs still need to be met. Services and activities are brought to the neighborhood.
- ▶ Going back to “normal”

<https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html>

# Environmental Services

- ▶ Communicate the importance of this department
- ▶ Make sure they are one of the first departments notified
- ▶ Cleaning the environment is everyone's responsibility, not just EVS staff
- ▶ Increase the frequency of cleaning and disinfecting of high touch surfaces and patient care areas using an EPA approved product for Healthcare.
  - <https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>

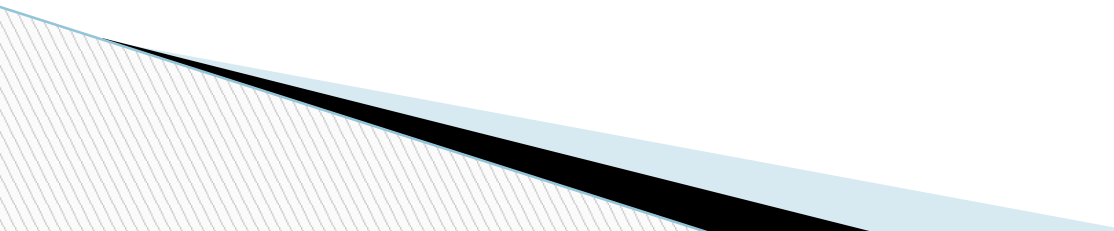
# Staff

- ▶ Remind staff to stay home when sick
- ▶ Get vaccinated
- ▶ Consistent staffing on the quarantined neighborhood
  - Try to keep staff that has already been exposed to the outbreak on those neighborhoods
  - Do not float to unaffected neighborhoods if possible
- ▶ No traveling through quarantined areas
- ▶ Exclude non-essential staff from affected area

<https://stacks.cdc.gov/view/cdc/82043>



# Summary

- ▶ Recognize early
  - ▶ Communication
  - ▶ Strict adherence to Infection Control measures
  - ▶ Environmental Cleaning
  - ▶ Restrict ill staff
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# References

Association for Professionals in Infection Control and Epidemiology. Outbreaks, epidemics and pandemics—what you need to know [https://apic.org/monthly\\_alerts/outbreaks-epidemics-and-pandemics-what-you-need-to-know/](https://apic.org/monthly_alerts/outbreaks-epidemics-and-pandemics-what-you-need-to-know/)

Centers for Disease Control and Prevention. Hand Hygiene Guidance. Page last reviewed: January 30, 2020. <https://www.cdc.gov/handhygiene/providers/guideline.html>

Centers for Disease Control and Prevention. Isolation Precautions. Page last reviewed: July 22, 2019. <https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html#>

United States Environmental Protection Agency. Selected EPA-Registered Disinfectants. LAST UPDATED ON JUNE 6, 2022. <https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>

Infection control in healthcare personnel : infrastructure and routine practices for occupational infection prevention and control services. Published Date : October 2019  
URL : <https://stacks.cdc.gov/view/cdc/82043>