

# Assessing the usefulness of a preparedness, readiness, response, and recovery framework-based outbreak guideline

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## Disclosure

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# Background

- Outbreaks threaten patient safety and increase healthcare costs
- QH have published Healthcare Facilities Communicable Disease Outbreak Guideline
- Extensive review of current published QH guideline and resources to ensure functionality and broad applicability to likely outbreak scenarios in hospitalized patients and other healthcare settings
- Update current state-wide evidence-based guideline and developing web-based information site
- Develop practical evidence-based resources (1-3)

# Method

- Reviewed existing QH guidelines
- desktop review that focuses on the understanding of what operational strategies are needed during outbreak
- compared to existing literature identified gaps
- adapted strategies
- and consulted key health professionals.

# Result

## Gaps

- Prevention of an outbreak
- Early Identification
- Early formal Risk Assessment
- Data Management
- Governance

# Result

## **Tools developed:**

Emergency management phases

## **Preparedness:**

- Outbreak prevention
- Planning and preparation

## **Readiness:**

- Governance
- Data management and reporting

## **Response:**

- Early identification
- Early formal risk assessment

## **Recovery:**

- Broad consultation/evaluation ensures effective strategies.

(2,2-5)

3. Outbreak Investigations in Healthcare Settings | HAI | CDC [Internet]. 2023 [cited 2023 Nov 1]. Available from: <https://www.cdc.gov/hai/outbreaks/index.html>

4. Outbreak Management | PHA Infection Control [Internet]. [cited 2023 Nov 1]. Available from: <https://www.niinfectioncontrolmanual.net/outbreak-management>

# Conclusion

- ❑ New resources support outbreak response.

## **Preparedness and Readiness:**

- OCP
- Sample - Generic Outbreak Response Trigger Tool and Action Plan
- Outbreak trigger
- Risk matrix
- Planning tools

## **Response:**

- Risk assessment tool
- Sample – Outbreak Management Checklist
- Sample – SBAR Cluster Communication
- Sample- Outbreak Communication Log and Actions Register (Patients and staff)
- Sample – Risks, Decisions and Actions Register

## **Recover**

- data management matrix,
- review /evaluate governance structure

Organism / route of transmission specific considerations

**Thank you**