

Resources: Disaster Preparedness and Management

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- The following activity provides the context and information needed to complete the assessment:
 - [Vila Health: Disaster Recovery Scenario](#).
- The following articles will help you better understand public health assessment and surveillance as well as the nurse's role in disaster preparedness and management in the workplace and community.
 - Centers for Disease Control and Prevention (CDC). (2018). [Coping with a disaster or traumatic event](#). Retrieved from <https://emergency.cdc.gov/coping/index.as>
 - Centers for Disease Control and Prevention (CDC). (2018). [Emergency preparedness and response](#). Retrieved from <https://emergency.cdc.gov/>
 - Centers for Disease Control and Prevention. (2017). [Guidance on microbial contamination in previously flooded outdoor areas](#). Retrieved from <https://www.cdc.gov/nceh/ehs/>

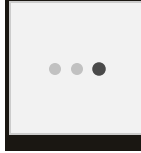
- publications/guidance_flooding.htm
- Federal Emergency Management Agency (FEMA). (n.d.). [National Flood Insurance Program](#). Retrieved from <https://www.floodsmart.gov/>
- Kreisberg, D., Thomas, D. S. K., Valley, M., Newell, S., Janes, E., & Little, C. (2016). [Vulnerable populations in hospital and health care emergency preparedness planning: A comprehensive framework for inclusion](#). *Prehospital and Disaster Medicine*, 31(2), 211–219.
- Madrigano, J., Chandra, A., Costigan, T., & Acosta, J. D. (2017). [Beyond disaster preparedness: Building a resilience-oriented workforce for the future](#). *International Journal of Environmental Research and Public Health*, 14(12), 1–14.
- Ready.gov. (n.d.). [Plan ahead for disasters](#). Retrieved from <https://www.ready.gov/>
- U.S. Department of Homeland Security (DHS). (2018). [Plan and prepare for disasters](#). Retrieved from <https://www.dhs.gov/plan-and-prepare-disasters>

- Veenema, T. G., Losinski, S., L., & Hilmi, L. M. (2016). [Increasing emergency preparedness](#). *AJN, American Journal of Nursing*, 116(1), 40–53.
- Veenema, T. G., Griffin, A., Gable, A. R., MacIntyre, L., Simons, N., Couig, M. Pat., . . . Larson, E. (2016). [Nurses as leaders in disaster preparedness and response: A call to action](#). *Journal of Nursing Scholarship*, 48(2), 187–200.
- The following resources will help in developing a disaster recovery plan.
 - U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion. (n.d.). [Healthy People 2020](#). Retrieved from <https://www.healthypeople.gov/>
 - Office of Disease Prevention and Health Promotion. (ODPHP) (n.d.). [MAP-IT: A guide to using Healthy People 2020 in your community](#). Retrieved from <https://www.healthypeople.gov/2020/tools-and-resources/Program-Planning>

The following resources will help you create and deliver an effective presentation.

- [Conquering Death by PowerPoint: The Seven Rules of Proper Visual Design.](#)
 - A video primer on presentation design.
 - Approximate run time: 45:00.
- [Creating a Presentation: A Guide to Writing and Speaking.](#)
 - This video addresses the primary areas involved in creating effective audiovisual presentations. You can return to this resource throughout the process of creating your presentation to view the tutorial appropriate for you at each stage.
- [Microsoft Office Software.](#)
 - This Campus resource includes tip sheets and tutorials for Microsoft PowerPoint.
- [PowerPoint Presentations Library Guide.](#)
 - This library guide provides links to PowerPoint and other presentation software resources.
- [SoNHS Professional Presentation Guidelines \[PPTX\].](#)

Disaster Preparedness and Management



- Activity

Introduction

Context

You are a nurse manager working the 7:00–3:30 a.m. shift in the emergency room at your local hospital. You have 10 years experience in the hospital's emergency department (ED).

A train has just derailed in the community, causing a range of casualties. First responders are on site and are relaying information to you via remote communication systems from across town. You are responsible for determining how your team should prioritize incoming casualties. You activate the disaster response system at your hospital, only to realize that you are short-staffed due to a recent flu outbreak. Nurses without ED experience have been reassigned to the ED from other units.

Nurses Staffing the ED

- Nurse Manager – You have 10 years ED experience and are certified in disaster management
- Novice nurse with less than 6 months experience

- Registered nurse with 20 years of rehabilitation experience, but no recent ED experience.
- ED patient care technician

Casualties

Keep in mind that these patients must have equitable access to care.

- Mayor: Minor lacerations, alert and oriented, demanding attention and priority care.
- Homeless person: Traumatic amputation of a limb, hemorrhaging profusely, alert and oriented.
- Mother-in-law/family member: You have had personal issues with this person recently; open fracture of right femur, bleeding under control, leg tourniquet, no femoral pulse.
- Immigrant: Recently found to be undocumented; language barrier; yelling for his family; daughter trapped under a collapsed bridge; small laceration on right arm; no bleeding.
- Older person: 90-years old, confused and combative; no visible injuries
- Mother: 6-months pregnant, no fetal heart tones, mother has no pulse and is unresponsive.

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Activity

As the nurse manager you are responsible for assigning your staff to help with traffic control, casualty assessment and triage. You need to determine how your team should prioritize the incoming casualties.

As a nurse overseeing the triage, assign a triage level for each casualty. Use the triage labeling system:

- **Red (immediate):** Life-threatening injuries
- **Yellow (delayed):** Non-life-threatening injuries
- **Green (minimal):** Minor injuries; walking wounded/stable
- **Black (expectant):** Near death/diseased

Question 1 of 8

Mayor: Minor lacerations, alert and oriented, demanding attention and priority care

Choose one answer.

- a) **Red (immediate):** Life-threatening injuries
- b) **Yellow (delayed):** Non-life-threatening injuries
- c) **Green (minimal):** Minor injuries; walking wounded/stable
- d) **Black (expectant):** Near death/diseased

Question 2 of 8

Homeless person: Traumatic amputation of a limb, hemorrhaging profusely, alert and oriented

Choose one answer.

- a) **Red (immediate):** Life-threatening injuries
- b) **Yellow (delayed):** Non-life-threatening injuries
- c) **Green (minimal):** Minor injuries; walking wounded/stable
- d) **Black (expectant):** Near death/diseased

Question 3 of 8

Mother-in-law/family member: You have had personal issues with this person recently; open fracture of right femur, bleeding under control, leg tourniquet, no femoral pulse.

Choose one answer.

- a) **Red (immediate)**: Life-threatening injuries
- b) **Yellow (delayed)**: Non-life-threatening injuries
- c) **Green (minimal)**: Minor injuries; walking wounded/stable
- d) **Black (expectant)**: Near death/diseased

Question 4 of 8

Immigrant: Recently found to be undocumented; language barrier; yelling for his family; daughter trapped under a collapsed bridge; small laceration on right arm; no bleeding.

Choose one answer.

- a) **Red (immediate)**: Life-threatening injuries
- b) **Yellow (delayed)**: Non-life-threatening injuries
- c) **Green (minimal)**: Minor injuries; walking wounded/stable
- d) **Black (expectant)**: Near death/diseased

Question 5 of 8

Older person: 90 years old, confused and combative; no visible injuries

Choose one answer.

- a) **Red (immediate)**: Life-threatening injuries
- b) **Yellow (delayed)**: Non-life-threatening injuries
- c) **Green (minimal)**: Minor injuries; walking wounded/stable
- d) **Black (expectant)**: Near death/diseased

Question 6 of 8

Mother: 6-months pregnant, no fetal heart tones, mother has no pulse and is unresponsive.

Choose one answer.

- a) **Red (immediate)**: Life-threatening injuries
- b) **Yellow (delayed)**: Non-life-threatening injuries
- c) **Green (minimal)**: Minor injuries; walking wounded/stable
- d) **Black (expectant)**: Near death/diseased

Question 7 of 8

Based on the triage system, who would you prioritize for care?

Choose ALL answers that apply.

a)

Mother-in-law/family member: You have had personal issues with them recently; open fracture of right femur, bleeding under control, leg tourniquet, no femoral pulse.

b)

Older person: 90-years old, confused and combative; no visible injuries

c)

Immigrant: Recently found to be undocumented; language barrier; yelling for his family daughter trapped under a collapsed bridge; small laceration on right arm; no bleeding.

d)

Homeless person: Traumatic amputation of a limb, hemorrhaging profusely, alert and oriented

e)

Mayor: Minor lacerations, alert and oriented, demanding attention and priority care

f)

Mother: 6-months pregnant, no fetal heart tones, mother has no pulse and is unresponsive.

Question 8 of 8

How might the issues presented here impact future planning for disasters?

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