Medical Response Team Implementation in a Faith Based Organization

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The Problem

- Local
  - Chronic medical issues
  - Acute medical issues
  - Ambulance services

- Regional
  - Friends and Family
  - Centers for Disease Control and Prevention

- National
  - Out of hospital cardiac arrest

- Impact on Nursing Practice and Patient Outcomes
Purpose of the Research

- The purpose of this research was to use evidence based practice and implement a Medical Response Team in a Faith Based Organization.
Definition of Terms

- Medical Response Team
- Faith Based Organization
Framework

The Planned Change Theory

- **Unfreezing**: Volunteers gather to identify need, gather supplies, and make plan
- **Moving**: Medical Response Team implementation
- **Refreezing**: Utilizing team, educating, and preparing

**Driving Forces**

**Restraining Forces**
Assumptions

- People will get sick.
- Volunteers will want to help.
Review of Literature

- Search Process
- Common Themes
  - Health and Religion
    - Levin, 2016
    - Mircea, 2006
    - Wordsworth, 2014
    - Carrico, 2003
    - Ferratini, 2010
  - Emergency Preparedness
    - Hurst and George, 2009
    - Russo, 2017
    - Timmons and Crosbie, 2014
Context

- Project Setting
  - East Booneville Baptist Church
- Population and Sample
  - 704 members
  - Volunteers
Project Intervention Plan

- Unfreezing Stage
  - First meeting of volunteers
- Moving Stage
  - Official list will be made available
- Refreezing Stage
  - Team is prepared and ready
  - Education
Timeline

- Sunday, January 6, 2019
  - Begin sign-up
- Sunday, February 3, 2019
  - First official meeting
- Sunday, February 17, 2019
  - Go live date
- Sunday, March 17, 2019
  - Evaluation
Education Survey

Please rate each question with the following Likert scale:

- 5  Strongly Agree
- 4  Agree
- 3  Neutral
- 2  Disagree
- 1  Strongly Disagree

Rating

- _____ 1. I know where the two Automated External Defibrillators are kept.
- _____ 2. The I know where the first aid boxes are kept at the faith based organization.
- _____ 3. I have been educated on how the Medical Response Team will communicate.
Evaluation Survey

Please rate each question with the following Likert scale:

5  Strongly Agree
4  Agree
3  Neutral
2  Disagree
1  Strongly Disagree

Rating

_____ 1. I believe the medical response team is an asset to EBBC.
_____ 2. The team displays excellent group dynamics.
_____ 3. I think this team is sustainable.
_____ 4. I feel my opinion is valued.
Results

- 14 participants
- 100% positive results on Education Evaluation Survey
- 100% positive results on Evaluation Survey
- 100% had previous medical experience
- Found expired AED pads
Implications

- The findings from this project suggested it is valuable to have a dedicated team of individuals who know exactly where emergency equipment is located and how to properly use it.

- During this time frame the pads for the automated external defibrillator expired. As the team checked equipment, the expired pads were noted and replacements ordered.

- Additional data collection is needed over a longer period of time to assess workings and sustainability of the MRT.
Recommendations

- Think about where you go on a regular basis:
  - Faith based organization
  - Park/ball field
  - Grocery store

- Is an AED available?
- When was it last checked?
- Are pads and battery in date or expired?
  - Use old pads as practice to show others what the pads look like, where to put them, simulate how to connect.

- Is someone there who is familiar with the AED?
References


References continued


Any Questions?

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