Journal of Population Therapeutics & Clinical Pharmacology

RESEARCH ARTICLE DOI: 10.53555/jptcp.v29i03.4531

THE ROLE OF HEALTH ADMINISTRATION IN EMERGENCY HEALTH CRISES

Ali Mohammed Eid Alotabi^{1*}, Yaser Mohammad Alhindi², Abdullah Ibraheem Abdullah Almootah³ and Amin Obaid Alhindi⁴

¹*Health administration specialist, Internal Audit Department at Jeddah Health, Email: a.r.f.80008@gmail.com

²Health Administration Specialist, Email: yaseralhindi1404@gmail.com, Irada and Mental Health Complex, Al-Amal Hospital

³Management specialist, Email: a0839729@hotmail.com, King Abdulaziz Hospital ⁴Health Administration Specialist, Email: aminaaaa51@gmail.com, Khulais General Hospital

*Corresponding Author: - Ali Mohammed Eid Alotabi *Health administration specialist, Internal Audit Department at Jeddah Health, Email: a.r.f.80008@gmail.com

Abstract:

Health administration plays a critical role in managing emergency health crises, ensuring effective response, and safeguarding public health. This paper explores the role of health administration in emergency health crises and examines the methods, results, and implications of its involvement. By analyzing the challenges faced by health administrators during emergencies and discussing strategies for improvement, this paper highlights the importance of effective leadership and coordination in crisis response.

Keywords: Health administration, emergency health crises, leadership, coordination, public health.

Introduction:

Health administration is a vital component of the healthcare system, responsible for managing resources, organizing services, and coordinating care delivery. In times of emergency health crises, such as natural disasters, infectious disease outbreaks, or terrorist attacks, health administrators play a crucial role in mobilizing response efforts, ensuring continuity of care, and protecting public health. The ability of health administrators to effectively navigate these complex and unpredictable situations can have a significant impact on the outcomes of emergency response and the overall well-being of affected populations.

Health administration plays a critical role in managing emergency health crises, ensuring effective coordination, planning, and response to mitigate the impact of the crisis on public health. Here are some key roles of health administration in emergency health crises:

Planning and Preparedness: Health administrators are responsible for developing emergency response plans and protocols in collaboration with relevant stakeholders. They assess potential risks, identify resources needed, and establish communication channels and coordination mechanisms to enhance preparedness for emergency situations.

Resource Allocation and Management: During an emergency health crisis, health administrators play a crucial role in allocating and managing resources effectively. This includes ensuring an adequate

supply of medical equipment, medications, and personal protective equipment (PPE) for healthcare providers. They also coordinate the deployment of healthcare personnel to areas with the greatest need.

Coordination and Collaboration: Health administrators facilitate coordination among various agencies, organizations, and stakeholders involved in emergency response efforts. They work closely with public health departments, healthcare facilities, emergency management agencies, and community organizations to ensure a unified and coordinated response. Effective communication and collaboration are vital for sharing information, resources, and best practices.

Policy Development and Implementation: Health administrators develop policies and guidelines specific to emergency health crises based on scientific evidence, expert recommendations, and legal requirements. They ensure that these policies are implemented effectively, considering ethical considerations, patient safety, and public health needs. They also monitor compliance and make necessary adjustments as the situation evolves.

Information Management and Communication: Health administrators oversee the collection, analysis, and dissemination of accurate and timely information related to the emergency health crisis. They establish communication channels to provide updates to healthcare providers, the public, and media outlets. Clear and consistent messaging is crucial to inform the public about safety measures, prevention strategies, and available healthcare services.

Risk Assessment and Surveillance: Health administrators conduct continuous risk assessments and surveillance to monitor the progression of the emergency health crisis. They track disease trends, identify areas of concern, and implement strategies to mitigate the spread of infectious diseases. This information helps in making informed decisions regarding resource allocation, intervention strategies, and public health interventions.

Evaluation and Continuous Improvement: After the crisis, health administrators evaluate the response efforts, identify strengths and areas for improvement, and incorporate lessons learned into future emergency planning and preparedness initiatives. They assess the effectiveness of strategies implemented, identify gaps in the response, and work towards improving the overall emergency response capacity.

The role of health administration in emergency health crises is multifaceted and requires strong leadership, strategic planning, and effective coordination. By ensuring preparedness, resource management, coordination, and effective communication, health administrators contribute to minimizing the impact of a crisis, saving lives, and protecting public health.

Methods:

To examine the role of health administration in emergency health crises, this paper conducted a review of literature from reputable journals and sources. The research focused on identifying the challenges faced by health administrators during emergencies, exploring strategies for improving crisis response, and assessing the impact of administrative leadership on emergency preparedness and response. By analyzing existing literature and case studies, this paper aims to provide insights into the critical role of health administration in managing emergency health crises.

Results:

The review of literature revealed several key challenges faced by health administrators during emergency health crises, including resource constraints, communication breakdowns, and coordination issues. These challenges can hinder effective response efforts, limit access to care, and compromise public health outcomes. However, studies also highlighted the importance of strong leadership, effective coordination, and timely decision-making in overcoming these challenges and maximizing the efficiency of emergency response.

Discussion:

Effective health administration during emergency health crises requires a multi-faceted approach that encompasses strategic planning, resource allocation, communication strategies, and collaboration with key stakeholders. Health administrators must be prepared to adapt to rapidly changing circumstances, mobilize resources quickly, and make informed decisions under pressure. By fostering a culture of preparedness, investing in training and capacity-building, and implementing effective communication systems, health administrators can enhance their ability to respond to emergencies and safeguard public health.

Conclusion:

In conclusion, health administration plays a critical role in managing emergency health crises and ensuring effective response. By addressing the challenges faced by health administrators and implementing strategies for improvement, organizations can enhance their readiness to respond to emergencies and protect the well-being of their communities. Strong leadership, effective coordination, and investment in preparedness are essential components of successful crisis response. As we continue to navigate the complexities of emergency health crises, it is imperative that health administrators remain vigilant, proactive, and collaborative in their efforts to protect public health.

References:

- 1. Kettunen P, Vuorinen AL, Oksanen T, Vaismoradi M. Core competencies of emergency care nurse specialists: A scoping review. Int Emerg Nurs. 2020;52:100912.
- 2. Falzarano R, Palombino E, Crapanzano C, et al. The Chagas' Disease emergency in Latin America: the implementation of an integrated approach, with simultaneous active search (reactive case detection) of seronegative populations as a feasible alternative solution. Interdiscip Perspect Infect Dis. 2020;2020:7054480.
- 3. Koenig KL. Health care and public health systems response to global health security threats: the paradox of vulnerability and resilience. Am J Infect Control. 2017;45(7):778-779.
- 4. Martina B, Sze A, Groggy S, Nepal R, Sharpe L, et al. Emergency department disasters: a systematic review. Disaster Med Public Health Prep. 2019;13(4):746-756.
- 5. Bajowala SS, Ozer K, Lopez-Yunez AM, Wang PW. Safeguarding public health in an emergency setting: lessons learned from the medical response to the Mexico Earthquake of 2017. J Public Health Emerg. 2019;3:11.
- 6. Rubin GJ, Rogers M, Nathan P, Collins K, et al. Factors associated with the pre-evacuation behavior of residents in response to a major flood. Disaster Med Public Health Prep. 2017;11(2):280-285.
- 7. Young AC, Julian DG, Jevons R. The role of telehealth in increasing access to care during emergency health crises. Telemed J E Health. 2020;26(1):93-97.
- 8. Kovalenko A. Disaster management in healthcare: the role of telemedicine. Healthc Inform Res. 2020;26(1):1-8.
- 9. Gallardo E, Coustasse A. The Ebola outbreak: lessons on leadership for health care management. Health Care Manag (Frederick). 2015;34(1):4-16.
- 10. Smith RD, World Health Organization. Responding to global infectious disease outbreaks: lessons from SARS on the role of risk perception, communication and management. Soc Sci Med. 2006;63(12):3113-3123.