The Role of Pharmacists in Health Promotion

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Abstract

Health promotion is regarded as instrumental in addressing the growing public healthcare concerns. It is recognized as instrumental in disease prevention and control. Health promotion can also be used as an instrumental tool to address the growing cases of non-communicable diseases. Health promotion is regarded as effective in disease prevention and control because it emphasizes the need for individuals to be in control over their own health. However, despite the significance of health promotion in disease prevention and control, it remains largely underutilized. One of the reasons why health promotion is underutilized is because of the lack of adequate healthcare personnel to take on health promotion initiatives. Expanding the role of pharmacists to include more involvement in health promotion initiatives can help to fill this gap. Some of the measures and initiatives pharmacists can get involved in are being part of building public health policies, creating supportive environments, providing health education, being in community action, ensuring medication safety, and disease prevention and control. To enable pharmacists to perform these measures effectively, there is a need to address the existing barriers and challenges. This will lead to positive outcomes and ensure pharmacists perform their roles effectively to enhance health promotion.

Keywords: health promotion, pharmacists, health education, disease prevention and control, immunization

Introduction

The role of health promotion in addressing emerging public healthcare concerns cannot be denied. Communicable and non-communicable diseases are on the rise across the globe contributing significantly to the rising healthcare burden and straining healthcare systems. The rise in the number of communicable and non-communicable diseases necessitates preventative measures to address them. Health promotion is recognized as instrumental in disease prevention. The UN High-Level Meeting on Universal Health Coverage (UHC) recognizes health promotion as one of the approaches that can help to achieve UHC. It emphasizes the importance of prioritizing health promotion and disease prevention through implementing working public health policies, good governance of health care systems, health communication, education, and health literacy. The significance of health promotion in disease prevention cannot be understated. Various health promotion measures are adopted across the healthcare systems to improve public health. The importance of health promotion in disease prevention is not a new concept. Its role in addressing public health issues and prevention of diseases has been established since the 19th century. Health promotion as a concept was first coined by Henry E. Sigerist in 1945. According to Sigerist, health promotion entails a number of measures all of which are classified as tasks of medicine. The tasks include promotion of health, prevention of illness, restoration of the sick, and rehabilitation. All these tasks are instrumental in achieving health for all and improving the health of all communities.

The importance of health promotion in promoting health for all and achieving people’s well-being is cemented by the Ottawa Charter for Health Promotion. The Ottawa Charter was born out of the first-ever international conference on health promotion that was held in 1986. According to the charter, health promotion is a process that enables people to have more control over their health. It is also done to improve health. The charter recognizes five action areas for health promotion namely building health public policy, creating supportive environments, strengthening community action, developing personal skills, and reorienting healthcare services more towards the promotion of health and prevention of illness. The action areas can be achieved through strategies such as advocating, enabling, and mediation.

In addition to being a process, health promotion can also mean the actions taken by individuals and relevant stakeholders to lead a healthy lifestyle. These measures need to be taken in a healthy environment to prevent the likelihood of secondary conditions. Secondary conditions in this case are the social, medical, emotional, family, and community problems that may make it difficult for an individual to have total control of their health. For instance, social problems such as racism and discrimination in the healthcare system may make it difficult for an individual to have access to equal opportunities for care. In the community, problems such as lack of community parks, social amenities, and lack of safety may make it difficult for people to engage in physical activity and lead to increased risk of chronic conditions such as obesity and diabetes. Some of these measures that can be taken to ensure individuals attain optimal health are being at the forefront when it comes to addressing their health needs, providing education to individuals on how to take care of their health needs, and optimizing opportunities that enable individuals to take care of their health needs and engaging in activities that can promote good health.
Despite the significance of health promotion in promoting good health, it is an area that is underutilized and not given as much priority. A lot of effort is directed towards disease management underpinning the potential of health promotion in disease prevention. One of the reasons why health promotion is underutilized is because of the lack of adequate healthcare personnel with the needed expertise to engage in different health promotion measures and strategies.\(^5\)\(^6\)\(^9\)

Currently, healthcare systems across the world are grappling with serious healthcare provider shortages.\(^10\) The problem is so big in some countries that most have resulted to outsourcing from other countries which creates more challenges for these countries because they are understaffed as well. With such shortages, prioritizing health promotion becomes a challenge. This explains the need to expand the role of healthcare providers to ensure more engagement in health promotion.

One of the groups that can be used to alleviate the problem is community pharmacists. Because of their close involvement with patients, they can be instrumental in advocating for different health promotion initiatives such as prevention, increasing individual knowledge on health, and public health planning and promotion. Therefore, the aim of this review is to explore how community pharmacists can be involved in different health promotion strategies to achieve health promotion goals. It also explores the challenges and barriers pharmacists face towards health promotion and why addressing these barriers is instrumental in achieving positive outcomes.

**Health Promotion Measures and Strategies and the Role of Pharmacists**

**Building Public Health Policy**

Different actions and strategies can be taken to attain positive change with regard to disease prevention and health promotion. As per the Ottawa Charter, one of the activities that can be taken to promote health is building public health policy. As a measure of health promotion, building public health policy recognizes that health promotion goes beyond health care. Health promotion also involves creating health policies that can help to achieve the desired goals of healthcare.\(^4\) Building health policy ensures that policymakers are knowledgeable of health consequences that result from the decisions that they make regarding healthcare.\(^5\) It also ensures that they accept their responsibilities and are more accountable for these decisions. Having health policies in place is vital in implementing health actions. They are the basis for health interventions and their subsequent implementation.\(^11\) Without proper health policies in place, coming up with health interventions and implementing them becomes difficult. A number of diverse approaches can be taken to come up with health promotion policies. They include legislation, fiscal measures, taxation, and organizational change.\(^5\)

Although pharmacists have little involvement when it comes to developing legislation, taxation, or fiscal measures, they can be involved through participation and advocacy. Pharmacists can also play a critical role in advocating for organizational change to promote health. For instance, they can advocate for capacity building in organizations to support actions that can promote health such as the need to eat healthy lunches and the need for gym and other social amenities to promote physical activity. Pharmacists can also be involved in building knowledge skills and infrastructure that can facilitate health promotion.\(^12\) They can also partner with organizations to advocate for actions that promote health. When these actions are sustained over time, they can become more sustainable and lead to permanent changes in organizations.

When it comes to developing legislation, pharmacists can actively participate through the local boards of health to national programs. Pharmacists are experts in medication use which makes them informed on how medication can be used in health promotion. Because of their expertise, they should be involved in the development of legislation and regulations relating to public health.\(^13\) Pharmacists can also be involved in oversight of these programs. Pharmacists can also make their voices known when it comes to developing fiscal measures that aim at health promotion. For instance, they can suggest fiscal measures that they feel can work and call for their implementation. They can also advocate for sound legislation and regulations regarding disease prevention and management.

**Creating Supportive Environments**

An additional measure that is considered instrumental in health promotion is creating supportive environments. The need to create supportive environments as a measure to promote public health is acknowledged in the Ottawa Charter.\(^4\) According to the Charter, creating supportive environments that are considered safe, stimulating, and satisfying is instrumental because it leads to positive health outcomes.\(^4\) Research has shown that supportive environments are associated with positive health outcomes.\(^14\) Supportive environments in this case are environments that make it easier for an individual to make the easier choice pertaining to their health. They can include healthy cities, healthy communities, healthy municipalities, healthy workplaces, and health-promoting schools among others.\(^15\)

Pharmacists can play an instrumental role in creating supportive environments. They can do this by advocating for healthy communities, being more involved in building healthy communities, and educating people on the importance of these communities in promoting good health. Creating supportive environments entails putting measures in place to encourage good health such as building spaces that allow people to engage in physical activities, striving for a better built environment with green spaces and walkways, and ensuring people have adequate access to food by ensuring proximity to grocery stores. Pharmacists can advocate for better-built environments in their communities. Research has linked the built environment with the likelihood of developing chronic diseases because it limits physical activity.\(^16,17,18\) For instance, walkable neighborhoods and the availability of parks have been linked to increased engagement in physical activity and subsequent reduction in the risk of developing obesity and diabetes.\(^17\) The reason why creating supportive environments is linked to better health outcomes is because such environments encourage people to take charge of their health. They feel safer and as such are more likely to take charge of their health leading to positive outcomes.

**Disease Control and Prevention**

Pharmacists can also play a crucial role in disease control and prevention. One of the ways through which pharmacists can be involved in disease prevention is through immunization. Immunization is recognized as an instrumental aspect of disease prevention more so for communicable diseases.\(^19,20,21\) The perceived benefits of vaccination include reducing the spread of infections, reducing morbidity and mortality associated with infections, and preventing outbreaks.\(^19\) For instance, vaccination played an instrumental role in helping control further spread of COVID-19. In the United States, pharmacists can order, prescribe, and administer immunizations under the temporary federal PREP Act.\(^22\) Besides, the involvement of pharmacists in immunization has shown to have a positive impact on immunization uptake and
Pharmacists can also play a role in health promotion by providing education and counseling to encourage behaviors that promote good health, such as regular physical activity, healthy eating, and adequate sleep. They can also be involved in screening programs to help identify undiagnosed medical conditions. Screening is recognized as an important measure of disease prevention in many chronic diseases such as hypertension, diabetes, and cancer. Pharmacists can be involved in different steps of the screening pathway, including helping patients understand the importance of taking their medications, providing education about the benefits of screening, and referring patients to available resources and services. This is particularly the case for chronic diseases such as diabetes and hypertension, where pharmacists can help patients understand how to manage their condition and promote good health outcomes.

Pharmacists can also be involved in health education programs within their institutions. Developing health education programs within institutions can increase uptake and promote good health, as identified in research. Therefore, involving pharmacists in immunization can increase uptake and promote good health.

Overall, promoting medication safety, health education, and health promotion are important areas where pharmacists can play a key role in improving patient safety, health outcomes, and overall health systems. By engaging in these activities, pharmacists can help ensure that patients have access to the information and resources they need to make informed decisions about their health, manage their conditions, and promote good health outcomes.
Challenges and Barriers to Pharmacists’ Involvement in Health Promotion

Recognizing the existing barriers and how they can affect pharmacists’ involvement in health promotion is vital towards achieving positive results. There are numerous barriers that exist which can make it difficult for pharmacists to play a role in health promotion. Structural barriers such as time restraints and workload can make it difficult for pharmacists to engage in health promotion.9,42 For instance, health education and engaging in health camps is engaging and time-consuming. Performing these roles together with their duties can be difficult. Inadequate knowledge and skills in health promotion can also act as a barrier.42 For instance, pharmacists cannot provide health education on how to manage chronic diseases if they are not adequately equipped to do so. Lack of knowledge can affect pharmacists’ confidence to provide health education and lead to low engagement in health promotion.

Lack of coordination with other healthcare providers can also make it challenging for pharmacists to be involved in health promotion. Different researchers identify it as one of the barriers reported by healthcare providers towards health promotion.34,43 (Geense et al., 2022, Geense et al., 2013). Coordination among healthcare providers is important in health promotion because they play different roles all of which are instrumental in leading to positive outcomes. Playing isolated roles can affect patient outcomes and affect the overall quality of health promotion.

Other barriers that can affect pharmacists’ involvement in health promotion are lack of organizational support, lack of patient motivation to change, and lack of financing of health promotion programs. Finding funding for health promotion programs is not a simple task. According to Geense et al., a lot of health programs are not financed or only financed for a short duration of time.45 Providing health promotion programs without financing is challenging because they are expensive. Lack of organizational support can also be a hindrance to health promotion. Health promotion requires coordinated efforts with stakeholders and policymakers to be effective. Additionally, the lack of patient motivation to change can demotivate pharmacists in their efforts towards health promotion. Addressing these barriers and challenges can lead to positive outcomes in health promotion. It can ensure pharmacists take up more active roles in promoting public health beyond providing immunization and medication management.

Conclusion

Health promotion is regarded as instrumental in promoting good health. Despite the role it plays in promoting good health, it remains an area that is significantly underutilized. One of the reasons why health promotion is underutilized is because of the lack of adequate healthcare personnel with the needed expertise to coordinate different health promotion measures and strategies. With the current shortages being experienced in healthcare, engaging in health promotion becomes difficult because of workload and lack of time. Expanding the role of pharmacists to be more involved in health promotion roles and measures can lead to a significant difference. They have close contacts with patients which provides them with a significant opportunity to advocate for and engage in health promotion initiatives. Pharmacists can engage in different actions to promote health. Some of these include disease prevention and control, being part of developing public health policies, engaging in different community actions, providing patient education, creating supportive environments, and being at the forefront of leading medication safety. These measures and initiatives are recognized as effective in health promotion. To gain the full benefits of these measures, there is a need to identify the existing challenges and barriers and address them. These challenges act as barriers that make it difficult for pharmacists to be involved in health promotion. Some of these barriers are structural barriers such as time restraints and heavy workload, and organizational barriers such as lack of support and inadequate funding, poor coordination with other healthcare providers, and lack of patient motivation to change. Addressing these barriers and challenges can lead to positive outcomes in health promotion because pharmacists can be able to perform their roles more effectively.

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