

Revolutionizing healthcare: Bridging the gap between medical sciences education and healthcare delivery

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Research

Please cite this paper as: Akhondzadaini R, Kalavani K. Revolutionizing healthcare: Bridging the gap between medical sciences education and healthcare delivery. AMJ 2024;17(5):1220-1222.

<https://doi.org/10.21767/AMJ.2024.4039>

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Abstract

Improving the quality of health services is importance. One potent solution to achieve this goal is the integration of medical sciences education into the healthcare system. By fostering collaboration among medical sciences educators, healthcare providers, and policymakers, we can guarantee that students are equipped with the essential skills and knowledge required to deliver impeccable care to patients (1,2).

In this article, we have addressed three important discussions regarding the integration of medical science education:

- 1) The various actors and stakeholders, which are: Medical Science Education Specialists, Healthcare Providers, Patients, Policymakers, and Students.
- 2) Key priorities, which include: Health Education to the Community, Changes in Educational Policies, Improvement of Medical Education Quality, Development of Educational Technologies, Creation of a Space for Knowledge and Experience Exchange, Increased Collaboration with Other Countries, and Evaluation and Continuous Improvement of Educational Programs
- 3) Challenges that are: Fear of Change, Structural Changes, Investment, and Coordination.

Key Words: Integration, Medical Sciences, Education, Healthcare System

Introduction

Certainly, the various actors and stakeholders involved in the integration of medical science education in the healthcare system have distinct roles and responsibilities, which are:

Medical Science Education Specialists: These experts play a pivotal role in designing and developing suitable educational programs for medical students. They should stay updated with the latest scientific advancements in medicine and medical technology, ensuring that this knowledge and expertise are effectively transferred to aspiring medical professionals.

Healthcare Providers: Providers deliver medical services to patients so access to advanced medical equipment and technologies is important.

Patients: patients through collaboration, sharing opinions, providing feedback, and actively engaging with providers help to the enhancement of healthcare services.

Policymakers: Policymakers hold the responsibility of ensuring the allocation of resources and establishing appropriate policies and laws. They develop policies that guarantee the continuous improvement of the quality of service.

Students: Students, as the future of the healthcare industry, can act as agents of change and transformation. The integration of medical science education depends on their active participation in research, educational programs, and healthcare facilities.

By recognizing and fulfilling their respective roles and responsibilities, these stakeholders can collectively work towards the successful integration of medical science education into the healthcare system, ultimately leading to improved healthcare services for all (3,4). On the other hand, the integration of medical education demands a focus on some key priorities, which include:

Health Education to the Community: The analysis of health activities within the community is essential. Identifying community needs and developing targeted health education programs can address prevalent diseases and prevent their occurrence. To effectively integrate medical science education into the healthcare system, collaboration between healthcare professionals, health managers, and

universities is essential in identifying and evaluating community needs and health policies.

Changes in Educational Policies: Policies should prioritize the integration of medical science education and the development of educational programs that emphasize integration concepts. By aligning educational policies with the integration goals, a seamless connection between medical science education and the healthcare system can be established.

Improvement of Medical Education Quality: A key factor in successful integration is the focus on enhancing the quality of medical education. Continuous improvement efforts should be made to ensure that medical education meets the highest standards and prepares students to deliver exceptional healthcare services.

Development of Educational Technologies: Integrating medical science education needs to adopt advanced educational technologies. This is on purpose to enhance the education quality and effectiveness.

Creation of a Space for Knowledge and Experience Exchange: Establishing a platform for the exchange of knowledge and experiences between medical students and healthcare professionals is paramount. This collaborative environment causes students to acquire the necessary and high-quality skills and expertise.

Improved Cooperation international partnerships: By promoting cooperation with other countries, knowledge sharing and exchange programs, we can learn from each other's best practices and promote improvement and innovation.

Evaluation and Continuous Improvement of Educational Programs: In order to optimize the integration of medical science education, it is necessary to continuously evaluate and improve educational programs, in fact, this shows that the best possible education is provided to students.

By doing the aforementioned points, the integration of medical science education into the healthcare system can be done effectively and ultimately lead to quality services and appropriate healthcare outcomes for all.

Indeed, the integration of medical science education into the healthcare system presents its fair share of challenges for the future, which include:

Fear of Change: Some managers and faculty members may exhibit a reluctance to embrace change and may prefer to adhere to traditional methods. Overcoming this challenge requires fostering a shared understanding among all stakeholders about the concept of integration and ensuring their commitment to the adopted approaches.

Structural Changes: Implementing the integration of medical science education and public health necessitates organizational structural changes within universities and healthcare centers. These changes may involve process modifications, reconfiguring organizational structures, and more. One proposed model involves separating the educational and medical deputy, establishing a separate

organization functioning under the supervision of the Ministry of Health.

Investment: Successful integration requires investment in educational technologies, the development of educational programs, and collaboration with healthcare centers, among other areas. Such investments may require additional budgets to support the infrastructure and resources needed for effective integration.

Coordination: Achieving seamless integration necessitates strong coordination among universities, healthcare centers, and health authorities. The Ministry of Health, as the stewardship of the health system, must take the necessary steps to achieve functional integration.

Conclusion

However, by identifying stakeholders, prioritizing actions, and examining the benefits of integrating medical science education, we can overcome these challenges. These benefits include improving physician job satisfaction, enhancing the quality of healthcare services, and nurturing the problem-solving abilities of students in medical and public health fields (5,6). By integrating the education of medical sciences, we can improve the general health status of society, which is the goal of the health system. Of course, it is necessary that all organizations, leaders and faculty members participate.

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DECLARATIONS

Authors' contributions

All authors have read and approved to the manuscript.

Financial support and sponsorship

The authors received no financial support for the research

Conflicts Of Interest

There is no conflict of interest for the authors of this article.