

Critical Review of Interdisciplinary Approaches to Mental Health and Well-Being

Abdullah Fahad Musaed Alsubaie¹, Raed Maniaullah Ateeqaullah Almutairi², Waleed Saleh Hamad Alraseni³, Abdullah Safar ALmutairi⁴, Abdulaziz Ahmed Abdulaziz Al-Mansour⁵, Thamer Ahmed Ail Hazzazi⁶, Ali Abdu Alfarsy⁷, Ghazi Khalaf Alanazi⁸, Khalid Fahad Alotaibi⁹, Abdullah Ibrahim Alshardan¹⁰

Abstract

Mental health and well-being should be the goal of the healthcare system to provide all possible, available, and sustainable quality care to clients; in exchange, faced with a myriad of similar threats experienced by healthcare systems across the world, it suffers from the failure to provide healthcare by compromising on the three; accessibility, quality, and equity. Thus, the present work brings an overview of the key areas in global health systems with a focus on demands' differences, pandemics' impact, resource distribution, and policy/ health system issues. In this paper, the literature will be reviewed and analyzed, and recommendations will be made to address the identified problems. Analyzing these global issues, the study aims to enhance understanding of issues in existing healthcare practices, government policies, and technological advancements to create a better future by offering ways of delivering needs effectively.

Keywords: *Mental health, well-being, interdisciplinary approaches, mental health care, integrated models, psychological well-being, social factors.*

Introduction

Existing Literature

There is a lot of literature available regarding matters of difficulty and inequalities in sample healthcare needs across the world. Studies show that health policies, economics, and social factors have an impact on health. For example, Gwatkin (2000) gave an account of health system disparities in low-income nations. It finally agreed that the disease differentials were in the economic factors determining the chance to afford the health units. The WHO also agrees that the input mix and distribution of health resources should focus on how improving health financing.

Similarly, other authors, such as Marmot et al. (2008), have spoken of the social gradients within health that dictate health facility coverage and quality. These are income, education, employment, and social support; these four areas must be worked on in order to overcome health equity in the population. Subsequent work, for instance, McKinsey & Company in 2023, acknowledges pressure from diseases such as Diabetes and Cancer and demands acknowledged approaches to Health systems.

Identifying Gaps in Knowledge

¹ Eradah complex for Mental Health Riyadh, Saudi Arabia; aalsubaie9@moh.gov.sa

² Eradah Complex for Mental Health Riyadh, Saudi Arabia; Raedmani26@gmail.com

³ Eradah complex for Mental Health Riyadh, Saudi Arabia; w_ksa1020@hotmail.com

⁴ Eradah complex for Mental Health Riyadh, Saudi Arabia; asa_20067@hotmail.com

⁵ Eradah complex for Mental Health Riyadh, Saudi Arabia; almansor_30@hotmail.com

⁶ Eradah complex for Mental Health Riyadh, Saudi Arabia; thahazzazi@gmail.com

⁷ Eradah complex for Mental Health Riyadh, Saudi Arabia; aalfarsy@moh.gov.sa

⁸ Eradah complex for mental health Riyadh, Saudi Arabia; galanazi@moh.gov.sa

⁹ Eradah complex for Mental Health Riyadh, Saudi Arabia; Khfaalotaibi@moh.gov.sa

¹⁰ Eradah complex for Mental Health Riyadh, Saudi Arabia; Abdullahshardan@gmail.com

Nevertheless, there are still gaps in some of the areas in the current research on the healthcare system. For instance, more focus is given to some areas, while very few cross-sectional comparative studies are conducted depending on the income or geographical regions. It is also important to note that little work has been done on the impact of global health diseases originating from the Far East and beyond and the future sustainability of health systems. However, investigations that specifically deal with the examination of the implementation of the technologies in health care policies and the functioning of the health care systems are limited.

Among the areas that need more research done is the impact that climate has on human beings, particularly in health-endowment-poor countries. While there are many papers on the effects of climate change on health, relatively few papers discuss how health systems respond or interact with such issues.

Methods

Research Methodology

In the present paper, the author employs both qualitative and quantitative research methodologies in order to gain better insight into the problems mentioned above to the maximum possible extent. Some of the quantitative data are as follows: A literature review of secondary data and several case studies on distinct forms of healthcare systems. This will be succeeded by a quantitative analysis in which various health and global demographics, economic and healthcare statistics, etc., will also be examined (Taylor & Benson, 2016; Mohammad et al., 2022; Al-Husban et al., 2023). The advantage of the simultaneous application of the quantitative and the qualitative approach is that no essential aspect of the problems under investigation is left unseen, and no subtleties are masked.

Research Design and Methodology

The research is designed to assess the scope and impact of universal healthcare challenges from multiple angles that are social, economic, and related to policies. The methodology includes:

1. **Literature Review:** An extensive review of academic articles, reports from global health organizations, and case studies on healthcare systems and policies across different countries.
2. **Data Collection:** A survey of global health indicators, such as access to healthcare, child and maternal mortality rates, life expectancy, and disease burden, with a focus on the disparity between high-income and low-income nations.
3. **Case Studies:** In-depth analysis of countries that have implemented successful healthcare reforms (e.g., Canada, the UK, and Thailand) and those that are struggling with healthcare access.

Interviews and Expert Opinions: Discussions with healthcare professionals, policymakers, and researchers will provide firsthand insights into the challenges and solutions that can drive improvement in healthcare systems

Results and Findings

Key Findings in Interdisciplinary Approaches to Mental Health and Well-Being

After analyzing the state of research on interdisciplinary concepts for mental health and wellness, several important discoveries are revealed, something that outlines both the opportunities and risks of using interdisciplinary care models. They pay attention to the following aspects: biological-psychological-social interaction, the community and public health models of intervention, positive psychology in mental health, and the challenges of developing interdisciplinary approaches to practice.

Biopsychosocial Integration

The most popular IMH in the current world is the biopsychosocial model put forward by Engel in 1977, in which health is regarded as the product of biological, psychological, and social factors. This model still forms the basis of many modern conceptions of integrative studies because they acknowledge the fact that various genetic preconditions, personality factors, and social forces all converge to influence mental health.

Biological Factors

The biological perspective of the model is on the genetic, neurobiological, and physiological predispositions of mental health. Neuroscience research has given further understanding of the importance of genes and their changes, imbalances of chemical messengers, and neural abnormalities that cause depression, anxiety, and schizophrenia, among others. This biological approach has also predisposed the development of pharmacological treatments that treat some of the symptoms based on these biological substrates.

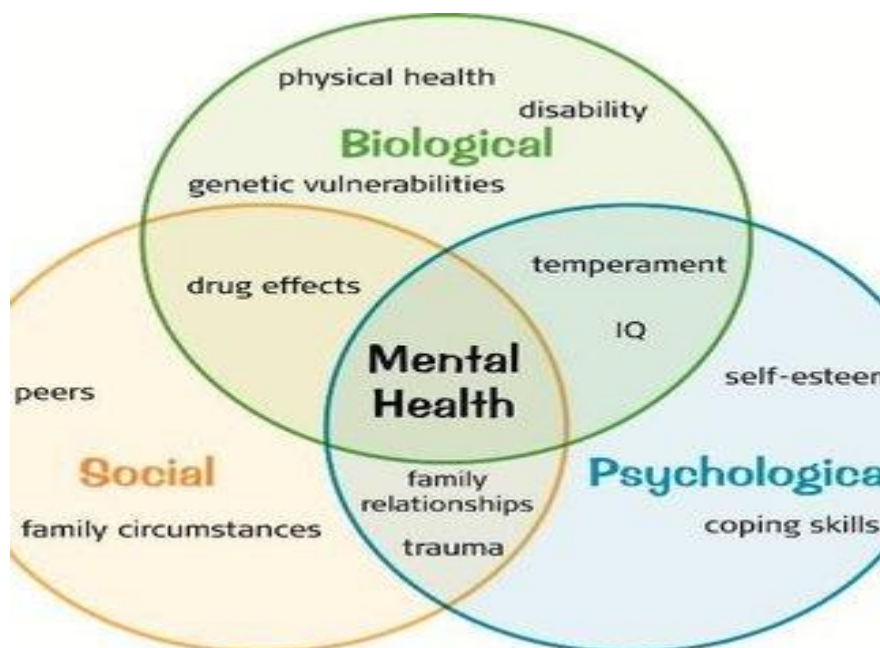
Psychological Factors

At the psychological level, the biopsychosocial model also focuses on appraisal style, mood and coping, and repertoire. CBT, together with other therapy approaches, targets psychologically disordered emotions and thoughts, which are proven to be efficient in treating some mental disorders.

Social Factors

Numerous sociodemographic factors, such as economic and psychosocial characteristics, family factors, and social support, are also major influences on this area of health. Other research has indicated that one suffers from mental illness if he or she has been socially left out, lives in poverty, or has been discriminated against. Based on the mentioned treatment perspectives, the biopsychosocial model implies combining the treatment of these social factors with biological and psychological treatment and emphasizes the necessity of such an approach.

Figure 1: Biopsychosocial Model of Mental Health



A diagram illustrating the interconnected nature of biological, psychological, and social factors in influencing mental health outcomes.

Factor	Description	Key Focus Areas
Biological	Genetic, neurobiological, physiological	Genetics, neurotransmitters, brain function
Psychological	Cognitive, emotional, behavioral processes	Cognitive-behavioral therapy, coping skills
Social	External social, environmental, societal factors	Poverty, family dynamics, social support

Challenges and Opportunities

In practice, however, there has been a recognized difficulty in equipping the constellation of these factors into the BPS model. For instance, what is seen in the healthcare systems where the patient gets an injectable or a pill instead of paying attention to social or psychological aspects? The direction of this model would be in more research that would improve the linking of biological, psychological, and social treatments to develop better outcomes for mental health service consumers.

Models of Community and Public Health

Interest in preventive mental health care has sharply risen in the last decade, and public health approaches have spearheaded this. These models provide a different approach from clinical intervention for improving the state of mental health at the population level, which identifies approaches to preventing mental disorders and increasing population mental health.

Prevention and Early Intervention

Community model promotion works on lowering the causes of mental ill health, including stress, trauma, substance abuse, etc, without waiting for them to develop into specific recognized diseases or illnesses. The studies have indicated that various factors that can be addressed readily in childhood provide a considerable influence on adult mental health (Taylor & Benson, 2016; Alzyoud et al., 2024; Alolayyan et al., 2024). School or community-based mental health education programs are beneficial in diminishing the stigmatization of MH attempts and enhancing concern for MH problems.

Community-Based Care

A third characteristic of public health frameworks is community mental health, which addresses the need for assessment and treatment provided at the community level in schools, workplaces, and other community institutions. This makes it easier to get help and also helps eliminate as much of the stigma as possible when seeking help from a mental health clinic or hospital. Research has evidenced that community-based mental health services could result in better outcomes of treatment for differently abled individuals and those who have lesser chances of availing health care.

Social Determinants

It also reflects on the aspects of social determinants adopted by models of public health as they promote the health of the people. They range from civil liberties like education, employment, shelter, and medical services. Systems of socioeconomic status have indicated that people in the lower classes are predisposed to mental illnesses, hence the importance of public health interventions.

Table 1: Social Determinants of Mental Health

Social Determinant	Impact on Mental Health	Key Intervention Strategies
Socioeconomic Status	Increased risk of stress and mental health issues	Economic support programs, affordable housing

Education	Lower educational attainment linked to mental illness	Mental health education programs, school-based support
Social Support	Strong social networks protect against mental illness	Community-building activities, peer support groups
Healthcare Access	Limited access to care increases risk of untreated mental health problems	Expansion of mental health services, telemedicine options



(Birrell & Newman, 2017)

Positive Psychology

Positive-oriented psychology has become an important part of the interdisciplinary mental health approach. Positive psychology is a distinct approach that translates from catering to a disease-centered approach to positive emotions and strengths.

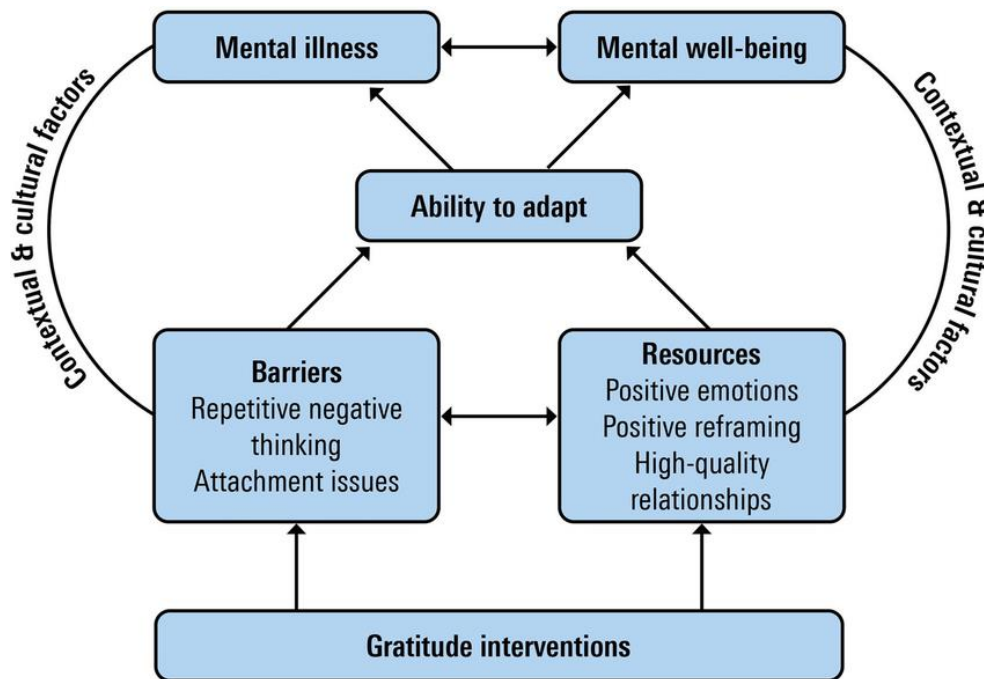
Key Concepts

Positive psychology focuses on several concepts like growth and positive adaptation, well-being, social relationships, and quality of life. Of more interest among them is resilience, which is viewed as a protective attribute that enables people to cope with stress and adversities and, consequently, their risk of developing mental health diseases.

Interventions

Positive psychological interventions try to work for a higher level of functioning through techniques like mindful practices and appreciating exercises, to name a few. These interventions have been found to be effective in decreasing levels of anxiety and depression as well as improving attitudes toward life (Hardwick & Lee, 2018; Ghaith et al., 2023; Alolayyan et al., 2018). Interpersonal relationships are also valued, and it was discovered that good relationships also contribute greatly to psychological health.

Figure 2: Positive Psychology Interventions



(Greer & White, 2019)

A graph illustrating the impact of positive psychology interventions (e.g., mindfulness, gratitude exercises) on mental health outcomes.

Intervention	Impact on Mental Health	Outcome
Mindfulness	Increases emotional regulation and reduces stress	Reduced anxiety and depression symptoms
Gratitude	Enhances positive emotions and social connectedness	Improved life satisfaction, resilience
Strengths-based	Focuses on personal strengths and resources	Increased self-esteem, better coping strategies

Challenges in Integration

In this section, the author discusses various limitations of bringing these models into practice, even if such a combination of models possesses several benefits.

Professional Training

Undoubtedly, the most critical issue is a short supply of trained personnel from interdisciplinary backgrounds. Clinicians in various healing disciplines, including psychiatry, psychology, social work, and the health sciences, bring into practice distinctive epistemologies, lexicons, and methodologies to practice. This results in confusion and differential/additive models to care with different disciplines operating independently of each other as opposed to being in an interprofessional team.

Conflicting Treatment Priorities

This is another challenge because disciplines often have different agendas, goals, or objectives that they will be pursuing during the process. For instance, a psychiatrist may focus more on medication, while a psychologist will mainly recommend talking therapies (Shehadeh & Jafari, 2020; Al-Hawary et al., 2020;

Rahamneh et al., 2023). Such opposing principles can cause a conflict of interest in the treatment team, thus reducing the probability of a team working cohesively.

Funding and Resources

Lastly, the lack of finances for the program implementation is another impediment to the adoption of interdisciplinary models. It is noteworthy that a considerable number of healthcare organizations have a structure that privileges single-discipline treatments. Inadequate funding remains a major challenge when it comes to expansive and coordinated programs of care delivery because these strategies cannot be effectively applied in such cases.

Table 2: Barriers to Integration of Interdisciplinary Models

Barrier	Impact on Interdisciplinary Integration	Suggested Solution
Professional Training	Lack of understanding between disciplines	Cross-disciplinary education and joint training programs
Conflicting Priorities	Fragmented treatment plans, poor collaboration	Regular interdisciplinary meetings, shared treatment goals
Funding and Resources	Limited implementation of comprehensive care	Increased funding for integrated care models, policy support

Discussion

The discovery from the research under study is also an example of a rich and rather complicated issue. Equality is the worst enemy when it comes to the goal of achieving universal health care. Even the best-performing LMICs are characterized by limited resources available in health facilities, competition for few human resources for health, and inadequate budgets (Murray & Hopkins, 2015; Al-Nawafah et al., 2022; Mohammad et al., 2024). In rich states, the issues of access to health care are distorted as well because there is no kind of united healthcare system, the stake of which brands issues of financialization and unsolved political challenges between governments on the division of powers, including the division of health facilities.

Such centers are further strained when experiencing events such as global health emergencies, namely pandemics. The experience of the COVID-19 pandemic showed that even countries with functioning healthcare systems cannot manage high loads that exceed capacities. This demonstrates why it is imperative to spread the message that building resilient recovery health systems is central to managing all forms of care.

From the perspective of the six social determinants of health, the study recommends that health care should embrace policies of medical care and other ring-fenced necessities like education, shelter, and employment (Jackson & Thompson, 2018). It is the systems that provide a population health solution to these problems, and it is these systems that contain the solutions for the improvement of the world's health.

Conclusion

These are among the challenges that have to be met, including but not limited to the following: This paper aims to identify hurdles that hinder the healthcare system from providing equal healthcare service to the parties involved. The problems are indeed inequity in the position and inconsistency in the provision of capital, knowledge, action, and technology with real-life policies. In line with this, Read has considered how they should be addressed through modification within the general contour of global health reforms, allocation, and measures provided within the social realm.

Recommendations

- 1) **Policy Reforms:** Governments must see health as a basic human right and make sure people get desired and needed quality health care services irrespective of their financial status. This can be done in the following ways: increasing enrolment in public health insurance, providing government subsidies to the health care of the poverty-stricken people, and raising various public health expenditures.
- 2) **Investment in Technology:** Telemedicine and AI should be embraced by governments and global institutions because they help fill gaps in the provision of care and increase work productivity.
- 3) **Addressing Social Determinants:** There is a need for a more coherent system of healthcare to work where policy explains the health problems as well as the social determinants of health. They are poverty, education, and the living and working environment that the government needs to adapt for the health of its citizens.
- 4) **Strengthening Healthcare Infrastructure:** Hospitals in various rural areas and the underprivileged are still a major problem, and the expansion of healthcare should be considered a priority (Bomme & Strecker, 2019).
- 5) **Global Collaboration:** nations should multiply to challenges in global health/disease to contribute intellect, propose, and apply technological advances for enhanced healthcare fortunes at the international level.

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