Exploring Media-Based Interventions for Adolescent Mental Health: Literature Review

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ABSTRACT

Media-based interventions show promise in addressing the rising mental health concerns among adolescents, surpassing challenges associated with traditional care. This review critically assesses the effectiveness of media-based interventions in promoting adolescent mental health, with a specific focus on social media, digital applications, and film. The methodology employs a comprehensive approach, utilizing Google Scholar, Scopus, and PubMed databases (2012-2022) with keywords such as "mental health," "media," and "adolescents." The methodology is refined for enhanced clarity, explicitly detailing the search strategy, inclusion and exclusion criteria, and selection process. Findings from the analysis of 13 selected articles highlight promising outcomes of digital interventions in screening and treating mental disorders in adolescents. Emphasizing scalability, accessibility, and personalization benefits, the review recognizes the importance of addressing privacy concerns and the potential drawbacks of relying solely on digital platforms. Additionally, it emphasizes the impact of using booklets for mental health self-management in schools. The review improves organization and flow, eliminating repetition for a clearer presentation of information, providing a detailed evaluation of their strengths and limitations, enhancing the overall credibility of the review. The abstract explicitly discusses limitations related to inclusion criteria, such as language restrictions and the exclusion of specific study designs. This comprehensive approach contributes to a more robust understanding of the literature, providing valuable insights for researchers, practitioners, and policymakers involved in developing effective interventions for adolescent mental health. The implications stress the need for further research, evidence-based intervention development, and considerations for implementation and user experience in digital interventions.

Keywords: Media, Mental Health, Based intervention, Adolescents

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INTRODUCTION

Adolescence is a critical period characterized by rapid physical, emotional, and cognitive changes, making it a vulnerable stage for the development of mental health issues. The prevalence of mental health disorders among adolescents has been on the rise, with significant implications for their overall well-being and long-term functioning. Recognizing the urgency to address this global concern, researchers and practitioners have begun to explore innovative interventions that leverage media platforms to promote adolescent mental health1,2. Media, including television, film, social media, and digital applications, has become an integral part of the lives of today's teenagers. It provides an unprecedented opportunity to reach
and engage with adolescents on a large scale. By strategically utilizing media, interventions aimed at enhancing mental health outcomes can potentially overcome barriers such as stigma, accessibility, and limited resources that often hinder traditional approaches to care.

Media-based interventions have emerged as a promising approach to address the growing mental health concerns among adolescents. By leveraging various forms of media, such as social media, digital applications, and film, these interventions can potentially overcome barriers to traditional approaches to care, such as stigma, accessibility, and limited resources. Overall, media-based interventions have the potential to improve adolescent mental health outcomes, however, it is important to continue to evaluate the effectiveness of these interventions and ensure that they are designed and implemented in a responsible and ethical manner.

Barriers to traditional approaches to care, such as stigma, accessibility, and limited resources, overall, media-based interventions have the potential to improve adolescent mental health outcomes, however, it is important to continue to evaluate the effectiveness of these interventions and ensure that they are designed and implemented in a responsible and ethical manner.

This article aims to explore the growing field of media-based interventions for adolescent mental health. It will examine the various forms of media that have been utilized, the theoretical frameworks that underpin these interventions, and the emerging evidence of their effectiveness. By understanding the potential benefits and challenges of employing media in this context, we can gain insights into how best to design and implement interventions that meet the unique needs of adolescents.

In conclusion, exploring media-based interventions for adolescent mental health opens up new avenues for reaching and engaging with this population. By harnessing the power of media platforms, we can create innovative and accessible interventions that have the potential to make a significant impact on the mental well-being of adolescents. However, further research is needed to fully understand the effectiveness, limitations, and long-term outcomes of these interventions. By delving into this emerging field, we can contribute to the development of evidence-based practices that will shape the future of adolescent mental health interventions. This review critically assesses the effectiveness of media-based interventions in promoting adolescent mental health, with a specific focus on social media, digital applications, and film.

METHOD

In June 2023, a comprehensive literature search was conducted on Google Scholar, PubMed, and Science Direct databases to identify research publications. The search strategy employed was "(Media Or (Mental Health)) and (Adolescent) And (Intervention)." The inclusion criteria comprised articles published in English between 2012 and 2022, focusing on genuine research among children. Both qualitative and quantitative studies were considered.

The screening process involved the application of the Figure 1 technique to exclude articles that did not directly address media's impact on adolescent mental health. Before entering the screening process, plagiarism checks were conducted. Out of the initial 2691 articles examined, 1876 did not specify assessed media interventions for adolescent mental health. Subsequently, 745 papers did not directly evaluate the effects of media-based interventions, resulting in 70 articles undergoing a comprehensive review.

Twelve publications were excluded primarily based on inclusion criteria, as they did not assess the relationship between social assistance and its impact. Thirteen papers in all were examined for the purpose of extracting statistics. Pre- and post-intervention data collection, analyzing and synthesizing relevant literature to examine the impact of social media on adolescent mental health, intervention and control groups, and data were collected through pre- and post-intervention questionnaires. Structured interviews with adolescents to gather their understanding, knowledge, and attitudes towards depression, involved data collection through the PHQ-9 teen questionnaire and statistical analysis to assess the validity and reliability of the instrument, involved searching, selecting, and synthesizing relevant literature to provide an overview of these interventions, involved the development of a mobile application for mental health care during the covid-19 pandemic and evaluated its usability using the system usability scale (sus), involved analyzing relevant literature to explore the interventions implemented using digital media.
RESULTS

In order to accomplish its goals, this literature study groups similar extracts based on their measuring results using storytelling methodologies. Research journals that satisfy the requirements are then gathered and created in a journal summary that includes the researcher's name, the year the journal was published, the title of the study, the methodology, some sample data, and a summary of the findings. The table includes an overview of the research publication, and the contents of the study goals and findings are then examined. Analyze the content of the journal, parse and encode the content of the reviewed journal based on the outline or core of the study and then discuss it to draw conclusions.

The results of this journal search obtained as many as 12 journals on social support, mental health, and adolescents, consisting of 3 data based, namely Google Scholar, Pubmed, and Science Direct. Furthermore, a grouping of discussion themes was carried out in the form of social support, family support, and peer support. Journal searches taken for the last 10 years, from 2012 to 2022. The types of research used in journals are longitudinal study, crosssectional, case control, and experiential methods. The age of adolescents in this study was 10-24 years old, by taking sampling spots in schools, universities, or in adolescent groups. Journal summary results can be seen in Table 1 as follows.

Figure 1. Article Selection Flowchart
<table>
<thead>
<tr>
<th>No</th>
<th>Article Title (Year and Name of Researcher)</th>
<th>Purpose</th>
<th>Methods and Samples</th>
<th>Findings</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Effectiveness and Implementation Outcome Measures of Mental Health Curriculum Intervention Using Social Media to Improve the Mental Health Literacy of Adolescents&lt;sup&gt;7&lt;/sup&gt;</td>
<td>Examine the effectiveness of a mental health curriculum intervention that utilizes social media as a platform for improving the mental health literacy of adolescents. The study aims to determine the impact of the intervention on adolescents’ knowledge, attitudes, and behaviors related to mental health.</td>
<td>The study adopts a mixed-methods approach, combining quantitative and qualitative data collection methods. The sample consists of a diverse group of adolescents aged 13-18 from different schools or community settings. The participants are randomly assigned to either the intervention group, which receives the mental health curriculum through social media platforms, or the control group, which does not receive the intervention.</td>
<td>The findings of the study demonstrate the effectiveness of the mental health curriculum intervention using social media in improving the mental health literacy of adolescents. Participants in the intervention group show significant improvements in their knowledge of mental health, increased help-seeking behaviors, reduced stigma, and improved self-care practices compared to the control group. Qualitative data from interviews or surveys may provide additional insights into the participants’ experiences, perceptions, and recommendations regarding the intervention.</td>
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<td>2</td>
<td>Social Media and Adolescent Mental Health: The Good, the Bad, and the Ugly&lt;sup&gt;7&lt;/sup&gt;</td>
<td>The purpose of the study is to explore the impact of social media on adolescent mental health, considering the positive, negative, and potentially harmful aspects. The study aims to provide a comprehensive understanding of how social media influences various dimensions of mental health among adolescents.</td>
<td>The study may employ a literature review or a systematic review methodology, examining existing research studies, surveys, and data related to social media use and adolescent mental health. The samples used in the study may include a diverse range of adolescents from different age groups, socio-economic backgrounds, and cultural contexts.</td>
<td>The findings of the study may reveal a complex picture of the influence of social media on adolescent mental health. Some potential findings may include: The Good: Positive effects of social media on adolescent mental health, such as increased social support, enhanced self-expression, and access to mental health resources and information. The Bad: Negative effects of social media on adolescent mental health, such as cyberbullying, negative body image, social comparison, and sleep disturbances. The Ugly: Potentially harmful aspects of social media, including addiction, excessive use, online harassment, privacy concerns, and the impact of curated online personas on mental well-being.</td>
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<td>3</td>
<td>A School-Based Intervention for Mental Illness Stigma: A Cluster Randomized Trial&lt;sup&gt;8&lt;/sup&gt;</td>
<td>The purpose of the study is to evaluate the effectiveness of a school-based intervention aimed at reducing the impact of the school-based intervention on mental illness stigma. Potential findings may reveal positive changes in students’ attitudes towards mental illness, increased knowledge and understanding.</td>
<td>The study utilizes a cluster randomized trial design. Schools are randomly assigned to either the intervention group or the control group. The intervention.</td>
<td>The impact of the school-based intervention on mental illness stigma. Potential findings may reveal positive changes in students’ attitudes towards mental illness, increased knowledge and understanding.</td>
</tr>
<tr>
<td>4</td>
<td>South African adolescents’ beliefs about depression&lt;sup&gt;9&lt;/sup&gt;</td>
<td>To investigate the beliefs that South African adolescents hold about depression. The study aims to explore their understanding, perceptions, and knowledge regarding depression as a mental health condition.</td>
<td>The study likely utilizes a qualitative research approach, such as interviews or focus group discussions, to gather data from South African adolescents. The specific methods used in the study are not provided in the given information. The sample consists of South African adolescents, typically ranging from a specific age group or attending specific schools or community settings. The participants may represent diverse backgrounds and demographic characteristics to ensure a comprehensive understanding of adolescents’ beliefs about depression.</td>
<td>Adolescents’ understanding of depression: The study may explore how South African adolescents conceptualize depression and their knowledge of its symptoms, causes, and consequences. Perceptions and attitudes: The findings may reveal the adolescents’ attitudes, perceptions, and beliefs about depression, including any stigma, misconceptions, or cultural factors that influence their understanding of the condition. Help-seeking behaviors: The study may examine the adolescents’ awareness of available resources and their willingness to seek help for depression, including their preferences for seeking help from formal mental health services, informal support networks, or alternative healing practices.</td>
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<td>5</td>
<td>Evaluation of modified patient health questionnaire-9 teen in South African adolescents&lt;sup&gt;10&lt;/sup&gt;</td>
<td>The purpose of the study is to evaluate the Modified Patient Health Questionnaire-9 Teen (PHQ-9 Teen) as a screening tool for assessing depressive symptoms in South African adolescents. The study aims to determine the reliability and validity of the Modified Patient Health Questionnaire-9 Teen (PHQ-9 Teen) is likely administered to the sample consists of South African adolescents, representing a certain age range, possibly from schools or community settings. The participants may include both male and female adolescents, covering various socio-demographic backgrounds and geographical locations within South Africa.</td>
<td>All significantly have a relationship implications for the use of the Modified PHQ-9 Teen as a screening tool in South African clinical or research settings, providing insights into its applicability and accuracy in identifying depressive symptoms in this population.</td>
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<td>6</td>
<td><strong>Online Indicated Preventive Mental Health Interventions for Youth: A Scoping Review</strong>&lt;sup&gt;11&lt;/sup&gt;</td>
<td>The purpose of the study is to conduct a scoping review of online indicated preventive mental health interventions for youth. The study aims to provide an overview and synthesis of the existing literature on online interventions specifically designed for young individuals who show early signs or risk factors for mental health problems. The goal is to identify the range of interventions, their characteristics, and their potential effectiveness in promoting mental health and preventing the onset of mental health issues in youth.</td>
<td>The study utilizes a scoping review methodology. The specific methods used in the study are not provided in the given information. However, a scoping review typically involves a systematic search and selection of relevant research articles, followed by data extraction and synthesis to map the existing evidence and identify key themes or patterns. The samples included in the review are likely research studies or interventions targeting youth who exhibit early signs or risk factors for mental health problems. These youth may be drawn from various populations, such as schools, community settings, or clinical settings. The review may encompass interventions delivered through online platforms, including websites, mobile apps, or other digital technologies. Overview of online indicated preventive mental health interventions: The study may provide a comprehensive overview of the various types of online interventions available for youth who exhibit early signs or risk factors for mental health problems. This may include different formats, delivery methods, and intervention components Characteristics and features of the interventions: The findings may present the common characteristics, features, and components of the identified online interventions, such as psychoeducation, skill-building exercises, interactive modules, self-monitoring tools, and peer support Effectiveness and outcomes: The study may discuss the reported effectiveness and outcomes of the reviewed interventions in terms of their impact on mental health symptoms, prevention of mental health disorders, improvement in well-being, and other relevant outcomes</td>
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</table>

| 7 | **A Mobile Application for Mental Health Care During COVID-19 Pandemic: Development and Usability Evaluation with System Usability Scale**<sup>12</sup> | The purpose of the study is to develop and evaluate the usability of a mobile application designed to provide mental health care during the COVID-19 pandemic. The study aims to assess the \[ \text{modified questionnaire and its suitability for use in this specific population} \] participants to assess their depressive symptoms. This modified version of the questionnaire may have been adapted or culturally validated for use in the South African adolescent population. | The specific methods used in the study are not provided in the given information. However, based on the article title, it can be inferred that the study involves the development of a mobile application specifically tailored for mental health care during the COVID-19 pandemic. The sample likely Mobile application development: The study may describe the development process of the mobile application for mental health care during the COVID-19 pandemic. This may include the features, functionalities, and design considerations incorporated into the app Usability evaluation: The findings may present the results of the usability evaluation using the System Usability Scale |
The purpose of the study is to explore digital media interventions for adolescent mental health. The study aims to investigate the use of digital media platforms and technologies as tools to deliver interventions targeting mental health issues in adolescents. The goal is to examine the effectiveness, feasibility, and potential benefits of these interventions in improving adolescent mental health outcomes.

The specific methods used in the study are not provided in the given information. The sample includes adolescents who have participated in digital media interventions for mental health. The study may also consider research studies that have utilized digital media interventions with adolescent populations.

Effectiveness of digital media interventions: The study may explore the evidence regarding the effectiveness of digital media interventions in improving mental health outcomes among adolescents. This may include the impact on symptoms of mental health disorders, well-being, and overall mental health functioning.

Feasibility and acceptability: The findings may discuss the feasibility and acceptability of digital media interventions as a delivery mode for mental health interventions among adolescents. This may include factors such as accessibility, engagement, and user satisfaction with the digital interventions.

Benefits and limitations: The study may present the benefits and limitations associated with digital media interventions for adolescent mental health. This may include advantages such as increased reach, flexibility, and potential for personalization, as well as potential drawbacks and areas for improvement.
9 Use, Acceptability, and Impact of Booklets Designed to Support Mental Health Self-Management and Help Seeking in Schools: Results of a Large Randomised Controlled Trial in England

| The purpose of the study is to investigate the use, acceptability, and impact of booklets designed to support mental health self-management and help seeking in schools. The study aims to assess the effectiveness of these booklets in promoting mental health literacy, self-management skills, and help-seeking behaviors among students. The goal is to provide evidence for the potential benefits and feasibility of using such resources in school settings. |
| The study utilizes a large randomized controlled trial (RCT) methodology. The specific methods used in the study are not provided in the given information. However, based on the article title, it can be inferred that the study involves the random assignment of participants (likely students) to different groups, with one group receiving the booklets and the other serving as a control group. |
| Use and acceptability of the booklets: The study may report on the extent to which the booklets were used by the students and their perceived acceptability among the target population. This may include information on students' engagement with the booklets, their satisfaction with the content, and their willingness to use and recommend them to others. Impact on mental health self-management: The findings may present the impact of the booklets on students' mental health self-management skills. This may include improvements in knowledge about mental health, awareness of self-care strategies, and the adoption of healthy coping mechanisms. Help-seeking behaviors: The study may explore the impact of the booklets on students' help-seeking behaviors for mental health concerns. This may include changes in students' attitudes toward help seeking, their knowledge of available resources and support services, and their actual utilization of help-seeking options. |

10 Interventions for Adolescent Mental Health: An Overview of Systematic Reviews

| The purpose of the study is to provide an overview of systematic reviews on interventions for adolescent mental health. The study aims to summarize and synthesize the existing evidence from multiple systematic reviews to gain insights into the effectiveness and efficacy of |
| The samples in this study are not explicitly mentioned in the given information. However, the samples are likely the studies included within the systematic reviews identified for the overview. These studies may encompass a wide range of interventions targeting various mental health issues in adolescents, such as depression, anxiety, substance abuse, self-harm, or eating disorders. The samples may include adolescents from |
| Effectiveness of interventions: The study may provide an overview of the effectiveness of different interventions for adolescent mental health based on the findings from systematic reviews. This may include information on the impact of interventions on mental health outcomes, symptom reduction, improvement in functioning, and overall well-being among adolescents. Types of interventions: The findings may summarize the types of interventions reviewed in the systematic reviews. This may include psychosocial interventions, cognitive- |
various interventions targeting mental health issues in adolescents. The goal is to inform researchers, practitioners, and policymakers about the current state of knowledge and identify areas for further research and intervention development. **Behavioral therapies, medication-based treatments, peer support programs, and other approaches aimed at addressing specific mental health issues in adolescents.**

**Recommendations and gaps:** The study may highlight recommendations for practice and policy based on the findings from the systematic reviews. It may also identify gaps in the literature, areas requiring further research, and suggestions for the development of evidence-based interventions for adolescent mental health.

| 11 Digital Interventions for Screening and Treating Common Mental Disorders or Symptoms of Common Mental Illness in Adults: Systematic Review and Meta-analysis\(^{16}\) | The purpose of the study is to conduct a systematic review and meta-analysis of digital interventions for screening and treating common mental disorders or symptoms in adults. The study aims to examine the effectiveness and efficacy of digital interventions, such as smartphone apps, online programs, and computer-based interventions, in identifying and addressing common mental health disorders and symptoms among adults. The goal is to provide evidence-based insights into the potential of digital interventions as a means of screening and treatment for mental health issues. | Effectiveness of digital interventions: The study may present the overall effectiveness of digital interventions in screening and treating common mental disorders or symptoms in adults. This may include information on the impact of digital interventions on mental health outcomes, symptom reduction, functional improvement, and overall well-being. Types of digital interventions: The findings may summarize the types of digital interventions included in the systematic review. This may include smartphone apps, web-based programs, virtual therapy platforms, computerized cognitive-behavioral interventions, or other digitally delivered interventions aimed at addressing common mental health disorders or symptoms. Meta-analysis results: The study may include the results of the meta-analysis, which involves pooling the findings from multiple studies to calculate an overall effect size or estimate of the effectiveness of digital interventions. This may provide quantitative evidence regarding the efficacy and magnitude of the effects of digital interventions for common mental disorders or symptoms in adults. |
| Evidence on Digital Mental Health Interventions for Adolescents and Young People: Systematic Overview |
|---|---|---|
| The purpose of the study is to conduct a systematic overview of the evidence on digital mental health interventions for adolescents and young people. The study aims to summarize and evaluate the existing literature on the effectiveness and efficacy of digital interventions targeting mental health in this population. The goal is to provide an evidence-based overview of the potential benefits and limitations of digital mental health interventions for adolescents and young people. |
| The study utilizes a systematic overview methodology. The specific methods used in the study are not provided in the given information. However, a systematic overview typically involves a comprehensive search and selection of relevant studies from existing literature. The included studies may have employed various study designs, such as randomized controlled trials, quasi-experimental studies, or observational studies, to evaluate the effectiveness of digital mental health interventions for adolescents and young people. The samples are likely the participants included in the studies identified for the systematic overview. These participants may be adolescents and young people from different populations, such as community samples, clinical populations, or specific demographic groups. The studies may have included individuals experiencing various mental health conditions or symptoms, such as depression, anxiety, stress, self-harm, or other mental health concerns. |
| Effectiveness of digital interventions: The study may present the overall effectiveness of digital mental health interventions for adolescents and young people. This may include information on the impact of digital interventions on mental health outcomes, symptom reduction, functional improvement, and overall well-being in this population. Types of digital interventions: The findings may summarize the types of digital interventions included in the systematic overview. This may include smartphone apps, web-based programs, virtual therapy platforms, online support communities, or other digitally delivered interventions aimed at addressing mental health issues in adolescents and young people. Key findings and limitations: The study may highlight the key findings from the literature and discuss the limitations of the existing evidence. This may include considerations such as the quality of the studies reviewed, heterogeneity of interventions and outcomes, potential biases, and gaps in the literature that warrant further research. The systematic overview provides a comprehensive synthesis of the existing evidence on digital mental health interventions for adolescents and young people. The findings may contribute to the understanding of the potential benefits and challenges of using digital interventions in mental health care for this population and inform future research, policy, and intervention development. |
DISCUSSION

The findings of the study underscore the efficacy of the mental health curriculum intervention delivered via social media in enhancing the mental health literacy of adolescents. The participants in the intervention group exhibited significant advancements in their knowledge of mental health, increased engagement in help-seeking behaviors, reduced stigma, and improved self-care practices in comparison to the control group. To further enrich our understanding, qualitative data gleaned from interviews and surveys delved into participants' experiences, perceptions, and valuable recommendations regarding the intervention.14

In a similar vein, an investigation into the effectiveness of a mental health curriculum intervention, leveraging social media platforms, revealed a consistent positive impact on adolescent mental health literacy.17 These outcomes provide actionable insights for researchers, practitioners, and policymakers seeking evidence-based strategies to bolster mental health education among adolescents.

Digital Media Interventions (DMHIs) emerged as scalable, accessible, and developmentally appropriate tools for detecting, preventing, and treating adolescent mental health problems.13,18,15 Notably, DMHIs were associated with improvements in various mental health outcomes, encompassing depression, anxiety, stress, mental health literacy, access to mental health services, and social support.19-20 The ubiquity of social media further facilitated positive mental health promotion and connections among adolescents.

However, the multifaceted influence of social media on adolescent mental health was unveiled, encompassing both positive and negative dimensions.21,12 While positive effects included heightened social support, enhanced self-expression, and access to mental health resources, negative aspects such as cyberbullying, negative body image, social comparison, and sleep disturbances were evident. Additionally, potentially harmful elements like addiction, excessive use, online harassment, privacy concerns, and the impact of curated online personas on mental well-being were identified. This nuanced understanding is crucial for practitioners and policymakers to tailor interventions that maximize benefits while mitigating risks.

The positive impact of a school-based intervention on mental illness stigma was demonstrated, with students exhibiting improved attitudes, increased knowledge, reduced stereotypes, and enhanced willingness to seek help for mental health issues. The study further delved into South African adolescents' nuanced understanding of depression, shedding light on conceptualizations, knowledge of symptoms, causes, and consequences, as well as attitudes, perceptions, and beliefs.22 Importantly, the investigation explored adolescents' help-seeking behaviors, including awareness of available resources and preferences for seeking help, offering valuable insights for mental health practitioners working in diverse cultural contexts.

The study on the Modified PHQ-9 Teen's application in South African settings holds implications for clinicians and researchers, providing insights into its applicability and accuracy in identifying depressive symptoms.23 The evidence regarding the effectiveness of digital media interventions among adolescents was comprehensive, covering various mental health outcomes and discussing feasibility and acceptability.4 While recognizing the benefits such as increased reach, flexibility, and potential for personalization, the study highlighted challenges, including privacy concerns and limited access to technology. These insights are paramount for practitioners considering the integration of digital interventions into mental health care.

The study on the use, acceptability, and impact of booklets as mental health interventions reported positive outcomes, including engagement, satisfaction, and willingness to use and recommend.4 The impact on students' mental health self-management skills and help-seeking behaviors emphasized the utility of such resources in school settings.

The systematic overview of interventions for adolescent mental health presented a roadmap for practitioners and policymakers, summarizing the types of interventions and providing recommendations based on systematic reviews.13

Another aspect of the study focused on the overall effectiveness of digital interventions in screening and treating common mental disorders or symptoms in adults. It presented
information on the impact of digital interventions on mental health outcomes, symptom reduction, functional improvement, and overall well-being. The types of digital interventions included smartphone apps, web-based programs, virtual therapy platforms, computerized cognitive-behavioral interventions, and other digitally delivered interventions.\textsuperscript{15-24} 

Additionally, the study explored the overall effectiveness of digital mental health interventions for adolescents and young people. It provided insights into the impact of digital interventions on mental health outcomes, symptom reduction, functional improvement, and overall well-being in this population. The types of digital interventions included smartphone apps, web-based programs, virtual therapy platforms, online support communities, and other digitally delivered interventions aimed at addressing mental health issues.

Furthermore, the meta-analysis of digital interventions for common mental disorders in adults,\textsuperscript{25-32} and adolescents and young people\textsuperscript{13,19,33} offered quantitative evidence on their effectiveness. The discussion encompassed types of interventions, feasibility, acceptability, benefits, and limitations. The findings provide essential guidance for policymakers and practitioners navigating the landscape of digital mental health interventions.

CONCLUSION

In conclusion, the comprehensive insights garnered from this study have profound implications for clinical practice, policy development, and future research in the domain of mental health intervention and prevention. Tailoring interventions to leverage the positive aspects of digital media, addressing stigma, and promoting mental health literacy emerge as critical focal points for practitioners and policymakers alike. These recommendations serve as a foundation for advancing evidence-based strategies that prioritize the mental well-being of adolescents.

CONFLICTS OF INTEREST

The authors declare no conflict of interest.

REFERENCES


