

Digital Health Technologies for Sustainable Healthcare Development

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Abstract

Digital health technologies are increasingly transforming healthcare delivery by connecting patients, healthcare professionals, institutions, and information systems through digital platforms and intelligent technological infrastructure. Technologies such as telemedicine, electronic health records, mobile health applications, wearable devices, remote patient monitoring, artificial intelligence, cloud computing, health information systems, and digital decision-support tools can contribute to more accessible, coordinated, efficient, and sustainable healthcare services. This study examines the role of digital health technologies in supporting sustainable healthcare development through a conceptual and literature-based research approach. The study focuses on digital healthcare delivery, remote monitoring, electronic information management, intelligent decision support, patient engagement, healthcare resource optimization, and technology-enabled continuity of care. The analysis indicates that digital technologies can improve access to healthcare services, facilitate information exchange, support preventive care, enable remote consultations, and strengthen patient monitoring. Telemedicine can reduce geographical barriers, while mobile health and wearable technologies can support continuous engagement and health monitoring.

Electronic health records can improve information availability and coordination among healthcare professionals, whereas artificial intelligence can support data analysis and decision-making. However, digital transformation also involves challenges related to privacy, cybersecurity, digital inequality, interoperability, infrastructure, technological literacy, data governance, and long-term sustainability. Sustainable healthcare development requires digital technologies to be implemented according to healthcare needs rather than technology availability alone. Future research should examine environmentally sustainable digital infrastructure, inclusive digital healthcare models, privacy-preserving technologies, artificial intelligence integration, remote monitoring, and long-term effects of digital health adoption. The study concludes that responsible digital health technologies can support sustainable healthcare development by improving accessibility, efficiency, coordination, continuity, and patient engagement while strengthening the capacity of healthcare systems to respond to changing population and service requirements.

Keywords: Digital Health, Sustainable Healthcare, Telemedicine, Electronic Health Records, Mobile Health, Remote Patient Monitoring, Artificial Intelligence, Wearable Technology, Healthcare Innovation, Digital Transformation

1. Introduction

Healthcare systems are experiencing rapid digital transformation as information and communication technologies become increasingly integrated into clinical, administrative, and patient-centered activities. The expansion of electronic health records, telemedicine, mobile health applications, wearable devices, cloud-based systems, remote monitoring, and artificial intelligence has created new opportunities for improving healthcare delivery. Digital health technologies can facilitate the collection, management, exchange, and analysis of health information while supporting communication between patients and healthcare professionals. Their growing importance is closely connected with the need to develop healthcare systems that are accessible, coordinated, efficient, and sustainable.

Sustainable healthcare development requires healthcare systems to provide appropriate services while maintaining efficient use of resources and responding to changing population needs. Digital technologies can contribute to this objective by reducing unnecessary physical visits, improving information availability, supporting preventive healthcare, and facilitating remote access to professional services. Telemedicine can connect patients with healthcare professionals across geographical distances, while mobile health platforms can encourage health-related engagement. These applications may improve continuity of care and reduce certain barriers associated with conventional healthcare delivery.

Electronic health records and integrated health information systems provide important foundations for digital healthcare. They can improve the availability of patient information and facilitate information exchange across healthcare settings. Wearable technologies and remote monitoring devices can generate continuous information that may support patient management and preventive care. Artificial intelligence can further enhance digital healthcare by analyzing large datasets, identifying patterns, supporting predictions, and assisting healthcare professionals in decision-making. Together, these technologies can create interconnected healthcare environments capable of supporting more responsive service delivery.

Despite their potential, digital health technologies do not automatically produce sustainable healthcare outcomes. Implementation can be affected by inadequate infrastructure, limited digital literacy, fragmented information systems, cybersecurity threats, privacy concerns, and differences in technology access. Interoperability remains an important issue because healthcare institutions may use different systems that cannot easily exchange information. Digital inequality can also create barriers for populations with limited internet access, technological resources, or digital skills. These concerns must be considered when evaluating digital transformation.

Sustainable digital healthcare therefore requires a balanced approach that combines technological innovation with organizational readiness, patient needs, professional expertise, ethical governance, and equitable access. Digital technologies should be evaluated not only according to their technical capabilities but also according to their contribution to healthcare quality, accessibility, efficiency, continuity, and long-term sustainability. This study examines digital health technologies for sustainable healthcare development, focusing on major technologies, healthcare applications, potential contributions, implementation challenges, and future research directions.

2. Objectives of the Study

2.1 Primary Objective

The primary objective of this study is to examine the role of digital health technologies in sustainable healthcare development and analyze how telemedicine, electronic health records, mobile health, wearable devices, remote monitoring, artificial intelligence, cloud computing, and digital decision-support systems can contribute to accessible, coordinated, efficient, patient-centered, and sustainable healthcare delivery.

The study also aims to identify technological, organizational, and social conditions influencing successful digital health implementation. Particular attention is given to digital infrastructure, interoperability, privacy, cybersecurity, digital literacy, equitable access, professional training, patient engagement, data governance, and long-term sustainability as important factors determining the effectiveness of digital healthcare transformation.

2.2 Examination of Digital Health Technologies

The first objective is to examine major digital health technologies used in contemporary healthcare, including telemedicine, electronic health records, mobile health applications, wearable technologies, remote patient monitoring, cloud computing, artificial intelligence, and digital decision-support systems. The study considers their respective functions within healthcare delivery.

The objective also examines how these technologies can support healthcare professionals and patients through information exchange, remote communication, continuous monitoring, personalized support, and analytical decision-making. Their contribution depends on appropriate infrastructure, system interoperability, reliable data, user accessibility, cybersecurity, and professional and patient acceptance.

2.3 Assessment of Sustainable Healthcare Contributions

The second objective is to assess how digital health technologies can contribute to sustainable healthcare through improved accessibility, resource optimization, continuity of care, preventive healthcare, remote service delivery, patient engagement, and healthcare coordination. The study considers how digital transformation can strengthen healthcare-system capacity.

The objective further evaluates limitations that may reduce sustainability benefits. Digital inequality, cybersecurity risks, privacy concerns, infrastructure requirements, technology costs, interoperability barriers, and insufficient digital skills can affect implementation. Understanding these limitations is necessary for developing digital healthcare models that are technologically effective, socially inclusive, economically appropriate, and sustainable over the long term.

3. Review of Literature

3.1 Digital Health and Healthcare Transformation

Digital health technologies have increasingly become central to healthcare transformation. World Health Organization (2021) emphasized the importance of digital health strategies for strengthening health systems and improving access to appropriate health services. Digital platforms can support information management, communication, service delivery, and patient engagement. Their effectiveness depends on

appropriate governance, infrastructure, workforce capabilities, and alignment with healthcare-system requirements.

Kvedar, Coye, and Everett (2014) discussed connected health and identified opportunities for technology-enabled healthcare delivery beyond traditional clinical settings. Connected technologies can facilitate communication and support continuous healthcare interactions. Digital health therefore represents a broader transformation involving patients, professionals, information systems, and healthcare organizations rather than a single technological intervention.

3.2 Telemedicine and Remote Healthcare

Telemedicine provides opportunities to deliver healthcare services across geographical distances by using digital communication technologies. Bashshur et al. (2014) reviewed telemedicine and described its potential contribution to healthcare access, clinical services, and health-system development. Remote healthcare can be particularly valuable where geographical or logistical barriers limit conventional healthcare access.

During the expansion of digital healthcare services, telemedicine became increasingly relevant for maintaining continuity of care. Hollander and Carr (2020) discussed the rapid adoption of telemedicine and highlighted its role in transforming healthcare delivery. However, effective telemedicine requires reliable connectivity, appropriate clinical protocols, patient digital literacy, privacy protection, and professional readiness.

3.3 Mobile Health and Wearable Technologies

Mobile health technologies provide opportunities for patient engagement, health information access, communication, monitoring, and self-management. Steinhubl, Muse, and Topol (2015) described mobile health as an emerging field with potential to connect individuals with healthcare information and services. Mobile applications can support communication and provide tools for monitoring and health-related activities.

Wearable technologies can generate information continuously and provide opportunities for remote patient monitoring. Piwek et al. (2016) examined consumer health technology and highlighted both opportunities and limitations associated with wearable devices. Their contribution to sustainable healthcare depends on data reliability, user adherence, privacy, device accessibility, and appropriate integration with healthcare systems.

4. Research Methodology

4.1 Research Design

This study adopts a conceptual and literature-based research design to examine digital health technologies for sustainable healthcare development. The research focuses on telemedicine, electronic health records, mobile health, wearable technologies, remote monitoring, artificial intelligence, cloud computing, and digital decision-support systems.

The study is descriptive and analytical rather than experimental. Existing academic literature and established digital-health research are examined to identify major technologies, healthcare applications, sustainability contributions, implementation requirements, and challenges. This approach supports a

structured conceptual understanding without presenting fabricated patient observations, institutional measurements, or unsupported experimental outcomes.

4.2 Literature Collection and Organization

The literature was organized around major digital-health areas, including telemedicine, electronic health records, mobile health, wearable devices, remote monitoring, artificial intelligence, and connected healthcare. Relevant academic research was examined to identify recurring findings concerning digital transformation and sustainable healthcare.

The selected literature was categorized according to technology type, healthcare function, sustainability contribution, and implementation challenge. Technologies were examined in relation to access, efficiency, continuity, patient engagement, information management, and decision support. This thematic organization enabled comparison of different technologies and their potential contributions to sustainable healthcare development.

4.3 Analytical Framework

The analytical framework evaluates digital healthcare through six dimensions: digital infrastructure, health-information management, technology-enabled services, intelligent analytics, patient engagement, and sustainable healthcare outcomes. Digital infrastructure includes connectivity, computing resources, devices, and digital platforms.

Health-information management involves electronic records, data integration, interoperability, privacy, and security. Technology-enabled services include telemedicine and remote monitoring, while intelligent analytics includes artificial intelligence and predictive analysis. Patient engagement involves digital communication and self-management. Sustainable outcomes include improved accessibility, service efficiency, continuity, coordination, resource utilization, and long-term healthcare-system capacity.

4.4 Data Analysis Approach

A thematic analytical approach was used to examine the literature concerning digital health technologies and sustainable healthcare. The analysis considered technology capabilities, healthcare applications, potential sustainability contributions, implementation requirements, and major challenges.

The identified themes were organized into technological, clinical, organizational, patient, and sustainability dimensions. Comparative interpretation was then used to understand how different digital technologies can support healthcare delivery. Particular attention was given to accessibility, efficiency, continuity, interoperability, privacy, cybersecurity, digital inclusion, and long-term sustainability. The methodology therefore provides a structured conceptual assessment of digital healthcare transformation.

5. Analysis

5.1 Major Digital Health Technologies and Healthcare Functions

Digital health includes a broad range of technologies that perform different functions within healthcare systems. Telemedicine supports remote communication, electronic health records facilitate information management, and mobile health applications support patient engagement. Wearable technologies and

remote monitoring can provide continuous health information, while artificial intelligence can support analytical decision-making. Cloud computing can facilitate scalable information infrastructure and data access. Table 1 summarizes major digital health technologies and their principal healthcare functions.

Table 1: Digital Health Technologies and Healthcare Functions

Digital Health Technology	Primary Function	Healthcare Contribution
Telemedicine	Remote consultation	Improved service accessibility
Electronic Health Records	Digital information management	Continuity of information
Mobile Health Applications	Patient communication and engagement	Self-management support
Wearable Devices	Health monitoring	Continuous information
Remote Patient Monitoring	Remote observation	Early intervention support
Artificial Intelligence	Data analysis	Decision support
Cloud Computing	Digital infrastructure	Scalable information access
Health Information Systems	Information coordination	Healthcare integration
Digital Decision Support	Analytical assistance	Clinical support
Patient Portals	Information access	Patient engagement

Interpretation: Table 1 demonstrates that digital health technologies address different but interconnected healthcare requirements. Telemedicine can improve access to professional services, while electronic health records can strengthen information continuity. Mobile applications can support patient engagement and self-management, whereas wearable devices and remote monitoring systems can provide continuous health information.

Artificial intelligence can process complex data for decision support, while cloud computing can support scalable digital infrastructure. Health information systems can facilitate organizational coordination, and patient portals can improve information access. The combined use of these technologies can support more connected and responsive healthcare environments.

5.2 Digital Health Contributions to Sustainable Healthcare

Sustainable healthcare development involves improving service accessibility, efficiency, continuity, resource utilization, patient engagement, and system resilience. Digital technologies can contribute to these dimensions by enabling remote healthcare, reducing information fragmentation, supporting

preventive monitoring, and improving coordination. Table 2 summarizes potential sustainability contributions associated with digital health technologies.

Table 2: Digital Health Contributions to Sustainable Healthcare Development

Sustainability Dimension	Digital Health Application	Potential Contribution
Healthcare Accessibility	Telemedicine	Remote service access
Service Efficiency	Digital workflows	Reduced administrative burden
Continuity of Care	Electronic records	Improved information availability
Preventive Healthcare	Remote monitoring	Early risk identification
Patient Engagement	Mobile health	Self-management support
Resource Optimization	Digital scheduling	Improved utilization
Clinical Coordination	Health information systems	Information exchange
Personalized Care	AI analytics	Individualized support
Healthcare Resilience	Digital platforms	Service continuity
Population Health	Data analytics	Health planning

Interpretation: Table 2 indicates that digital health technologies can contribute to sustainable healthcare across several dimensions. Telemedicine can improve accessibility by enabling remote services, while digital workflows can support operational efficiency. Electronic records can strengthen continuity by making relevant information available across healthcare processes. Remote monitoring can support preventive healthcare through continuous observation, and mobile applications can encourage patient engagement.

Digital scheduling and information systems can contribute to resource optimization and coordination. Artificial intelligence can support personalized healthcare through data analysis, while digital platforms can strengthen service continuity and resilience. Population-level analytics can further support healthcare planning.

6. Discussion

Digital health technologies can strengthen healthcare systems by improving the way healthcare information and services are delivered, accessed, and coordinated. Telemedicine can support remote access, electronic health records can improve information continuity, and mobile health applications can facilitate patient engagement. Wearable devices and remote monitoring technologies can provide continuous information, while artificial intelligence can support the analysis of complex datasets. These

technologies can collectively contribute to more connected healthcare environments and support healthcare professionals in managing increasingly complex service requirements.

The sustainability contribution of digital health depends on effective integration rather than isolated technology adoption. Digital platforms can reduce geographical barriers and support continuity of care, while electronic information systems can reduce fragmentation. Remote monitoring can support preventive approaches, and data analytics can contribute to resource planning and personalized healthcare. However, these benefits depend on reliable connectivity, appropriate infrastructure, interoperable systems, user capabilities, and effective organizational implementation. Digital technologies must therefore be aligned with actual healthcare needs and service requirements.

Sustainable digital healthcare also requires strong attention to equity, privacy, cybersecurity, and long-term governance. Populations with limited digital access or technological skills may not benefit equally from digital healthcare services. Healthcare organizations must protect sensitive information and ensure that digital systems remain reliable and secure. Professionals require appropriate training to use digital tools effectively, while patients need accessible and understandable interfaces. Consequently, sustainable healthcare development requires a balanced combination of digital innovation, inclusive access, secure information management, organizational readiness, professional expertise, and patient-centered design.

7. Challenges

7.1 Digital Inequality and Accessibility

Digital health technologies can improve healthcare accessibility, but unequal access to digital infrastructure can create new disparities. Differences in internet availability, device ownership, digital literacy, affordability, and technological familiarity may prevent some populations from using telemedicine, mobile applications, remote monitoring, or patient portals effectively.

Addressing digital inequality requires inclusive technology design and appropriate infrastructure development. Healthcare organizations should consider the needs of populations with limited connectivity or digital skills. Alternative service channels may remain necessary where digital access is insufficient. Accessible interfaces, patient education, affordable connectivity, and community-level digital support can help ensure that digital healthcare transformation does not unintentionally increase existing healthcare inequalities.

7.2 Privacy and Cybersecurity

Digital healthcare systems collect and exchange sensitive patient information across multiple platforms and devices. Electronic records, mobile applications, wearable technologies, remote monitoring systems, and cloud infrastructure may increase the number of points at which information is stored or transmitted. This creates potential privacy and cybersecurity risks.

Strong security practices are therefore essential for sustainable digital healthcare. Encryption, authentication, access controls, secure storage, system monitoring, and regular security assessments can reduce potential risks. Organizations should also establish clear data-governance policies covering information collection, processing, sharing, retention, and access. Patient trust depends on confidence that digital healthcare information is handled securely and responsibly.

7.3 Interoperability and Infrastructure

Healthcare organizations often use different digital systems for electronic records, laboratory information, imaging, pharmacy, administration, and remote monitoring. When these systems cannot exchange information effectively, healthcare professionals may experience fragmented information and duplicated processes. Interoperability limitations can therefore reduce the benefits of digital transformation.

Sustainable implementation requires compatible systems, standardized information exchange, reliable connectivity, appropriate computing infrastructure, and effective technical support. Organizations should assess interoperability during technology selection and implementation. Digital platforms should be designed to communicate with relevant healthcare systems while maintaining appropriate security and privacy controls. Long-term infrastructure planning is also necessary to prevent technological fragmentation and unsustainable system replacement.

7.4 Workforce Readiness and Sustainability

Digital healthcare requires healthcare professionals to understand and appropriately use new technologies. Limited digital skills, inadequate training, workflow disruption, and resistance to technological change can reduce adoption. Patients may also require guidance when using digital platforms, wearable devices, remote monitoring systems, or mobile applications.

Long-term sustainability requires continuous workforce development and organizational support. Training programs should address both technical operation and appropriate interpretation of digital information. Healthcare institutions should evaluate whether technologies improve workflows rather than unnecessarily increase professional workload. Regular evaluation, user feedback, technical maintenance, and adaptation are necessary to ensure that digital health technologies remain useful, reliable, and aligned with changing healthcare requirements.

8. Future Research

Future research should investigate inclusive digital health models designed to address differences in connectivity, digital literacy, affordability, and technological access. Studies should examine how telemedicine, mobile health, wearable devices, and remote monitoring can be implemented across diverse healthcare environments while maintaining accessibility, usability, privacy, and patient-centered care.

Further research should examine environmentally sustainable digital healthcare infrastructure, including energy-efficient computing, responsible device management, and sustainable data-storage practices. Research should also investigate artificial intelligence integration, privacy-preserving analytics, interoperable health-information systems, and secure cloud platforms to strengthen long-term digital healthcare capacity.

Future empirical studies should evaluate the long-term effects of digital health adoption on healthcare access, service efficiency, patient engagement, continuity of care, resource utilization, professional workload, and system resilience. Comparative research across healthcare institutions and populations could identify implementation models that provide sustainable benefits while minimizing digital inequality, cybersecurity risks, and organizational disruption.

9. Conclusion

Digital health technologies have become important instruments for transforming healthcare delivery and supporting sustainable healthcare development. Telemedicine, electronic health records, mobile health, wearable devices, remote monitoring, artificial intelligence, cloud computing, and digital decision-support systems can improve information access, communication, monitoring, coordination, and patient engagement. Their combined use can support healthcare systems in responding to changing service and population requirements.

The analysis demonstrates that digital technologies can contribute to healthcare sustainability through multiple pathways. Telemedicine can improve accessibility, electronic records can strengthen continuity, mobile applications can support patient engagement, and remote monitoring can facilitate preventive healthcare. Artificial intelligence and data analytics can provide additional decision-support capabilities, while digital information systems can improve coordination and resource management. These contributions depend on appropriate technological and organizational integration.

Several challenges can limit the sustainability of digital healthcare transformation. Digital inequality, privacy risks, cybersecurity threats, interoperability barriers, infrastructure requirements, workforce readiness, and long-term maintenance must be addressed. Technology adoption alone cannot guarantee improved healthcare outcomes. Effective implementation requires attention to patient needs, professional workflows, information governance, equitable access, and continuous system evaluation.

Overall, digital health technologies can support sustainable healthcare development when they are implemented responsibly, securely, and inclusively. Sustainable digital healthcare requires collaboration among healthcare professionals, technology developers, institutions, policymakers, and patients. Future development should emphasize interoperable infrastructure, equitable digital access, privacy-preserving technologies, intelligent analytics, workforce readiness, and patient-centered design. Such an approach can strengthen healthcare accessibility, efficiency, continuity, resilience, and long-term sustainability.

References

1. Eysenbach, G. (2001). What is e-health? *Journal of Medical Internet Research*, 3(2), e20. <https://doi.org/10.2196/jmir.3.2.e20>
2. Oh, H., Rizo, C., Enkin, M., & Jadad, A. (2005). What is eHealth (3): A systematic review of published definitions. *Journal of Medical Internet Research*, 7(1), e1. <https://doi.org/10.2196/jmir.7.1.e1>
3. Wootton, R. (2001). Telemedicine. *BMJ*, 323(7312), 557–560. <https://doi.org/10.1136/bmj.323.7312.557>
4. Whitten, P. S., & Love, B. (2005). Patient and provider satisfaction with the use of telemedicine: Overview and rationale for a systematic review. *Journal of Telemedicine and Telecare*, 11(1), 1–3. <https://doi.org/10.1177/1357633X0501100101>
5. Free, C., Phillips, G., Watson, L., Galli, L., Felix, L., Edwards, P., Patel, V., & Haines, A. (2013). The effectiveness of mobile-health technologies to improve health care service delivery processes: A systematic review and meta-analysis. *PLoS Medicine*, 10(1), e1001363. <https://doi.org/10.1371/journal.pmed.1001363>
6. Raghupathi, W., & Raghupathi, V. (2014). Big data analytics in healthcare: Promise and potential. *Health Information Science and Systems*, 2, Article 3. <https://doi.org/10.1186/2047-2501-2-3>

7. Steinhubl, S. R., Muse, E. D., & Topol, E. J. (2015). The emerging field of mobile health. *Science Translational Medicine*, 7(283), 283rv3. <https://doi.org/10.1126/scitranslmed.aaa3487>
8. Payne, H. E., Lister, C., West, J. H., & Bernhardt, J. M. (2015). Behavioral functionality of mobile apps in health interventions: A systematic review of the literature. *JMIR mHealth and uHealth*, 3(1), e20. <https://doi.org/10.2196/mhealth.3335>
9. Kruse, C. S., Stein, A., Thomas, H., & Kaur, H. (2018). The use of electronic health records to support population health: A systematic review of the literature. *Journal of Medical Systems*, 42, Article 214. <https://doi.org/10.1007/s10916-018-1075-6>
10. Atasoy, H., Greenwood, B. N., & McCullough, J. S. (2019). The digitization of patient care: A review of the effects of electronic health records on health care quality and utilization. *Annual Review of Public Health*, 40, 487–500. <https://doi.org/10.1146/annurev-publhealth-040218-044206>
11. Mathews, S. C., McShea, M. J., Hanley, C. L., Ravitz, A., Labrique, A. B., & Cohen, A. B. (2019). Digital health: A path to validation. *npj Digital Medicine*, 2, Article 38. <https://doi.org/10.1038/s41746-019-0111-3>
12. Topol, E. J. (2019). High-performance medicine: The convergence of human and artificial intelligence. *Nature Medicine*, 25, 44–56. <https://doi.org/10.1038/s41591-018-0300-7>
13. World Health Organization. (2019). *WHO guideline: Recommendations on digital interventions for health system strengthening*. World Health Organization.
14. Islam, S. M. S., Tabassum, R., Olsen, M., Mia, M. N., Khan, A. B., Rakibul Islam, M., Hossain, M. S., & Ahmed, S. M. (2020). Mobile phone use and its impact on maternal and child health in developing countries: A systematic review. *BMC Pregnancy and Childbirth*, 20, Article 1. <https://doi.org/10.1186/s12884-019-2714-8>
15. Benda, N. C., Veinot, T. C., Sieck, C. J., & Ancker, J. S. (2020). Broadband internet access is a social determinant of health! *American Journal of Public Health*, 110(8), 1123–1125. <https://doi.org/10.2105/AJPH.2020.305784>
16. Shaw, J., Brewer, L. C., & Veinot, T. (2021). Recommendations for health equity and virtual care arising from the COVID-19 pandemic. *JMIR Formative Research*, 5(10), e23233. <https://doi.org/10.2196/23233>
17. Purohit, A., Smith, J., & Hibble, A. (2021). Does telemedicine reduce the carbon footprint of healthcare? A systematic review. *Future Healthcare Journal*, 8(1), e85–e91. <https://doi.org/10.7861/fhj.2020-0080>
18. World Health Organization. (2021). *Global strategy on digital health 2020–2025*. World Health Organization.
19. Gray, K. (2022). Climate change, human health, and health informatics: A new view of connected and sustainable digital health. *Frontiers in Digital Health*, 4, 869721. <https://doi.org/10.3389/fdgth.2022.869721>
20. Kaboré, S. S., Ngangue, P., Soubeiga, D., Barro, A., Pilabré, A. H., Bationo, N., Pafadnam, Y., Drabo, K. M., Hien, H., & Savadogo, G. B. L. (2022). Barriers and facilitators for the sustainability of digital health interventions in low- and middle-income countries: A systematic review. *Frontiers in Digital Health*, 4, 1014375. <https://doi.org/10.3389/fdgth.2022.1014375>