Discussion: Specialty Research Articles

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The research article on the Cochrane Library website addresses the comparison between the decision support tools using mobile devices in primary care settings to improve quality of care. The researchers denoted that commonness of mobile devices has eased the integration of clinical decision support systems with computerized programs in healthcare delivery. However, the study is also significant in improving the observance of healthcare treatments without violating patients' rights during clinical diagnoses. Also, the CDSS tool is effective in low-income nations, though there is a need to assess and examine its efficacy.

According to the findings of a study conducted in healthcare contexts in the USA, Ghana, Guatemala, India, and Kenya, among other countries, the article articulates that CDSS got used in the mentioned countries among the healthcare providers, both the formally trained and facility and community-based care providers (Cochrane Library, 2021). Besides, the examination indicates the use of CDSS in managing chronic diseases such as cardiovascular conditions, child and maternal health, and assessment of gastrointestinal risks.

I fail to trust the findings due to several reasons. At first, I appreciate the technological advancement in care systems that involves using Electronic Health Records and other computerized programs. Though the research revealed the evidence of CDSS used in healthcare facilities, it is not ascertained whether care providers used the endorsed clinical practices as indicated from the poor quality of evidence. The findings have also failed to depict the positive and harmful implications of CDSS with mobile integrations to the individual health of the patients who participated in the research (Cochrane Library, 2021). Still, Researchers have not explained the encounters such as harms or risks and effect of the tools towards satisfaction of healthcare workers.

I would prefer to include the article in my examination synthesis, but due to some reasons, I ought to change my decisions. At first, the certainty of the evidence from the study is very low because the research article fails to give clear information if the healthcare providers and clinicians used the required practices per the professional code of standards. Another evident of doubt got depicted in the time frame between the presentation of the analysis and appropriate administration. The population used in the study, two studies with 185 participants, was also low, which failed to give reliable evidence (Cochrane Library, 2021). Besides, the health care providers have not indicated whether the study was beneficial satisfactory and the reason for implementation. Lastly, there is no evidence of the resources used for the analysis. I propose having well-organized research to ascertain mobile phones' effectiveness as a decision support system.

Reference

Cochrane Library. (2021). Decision‐support tools via mobile devices to improve quality of care in primary healthcare settings - Agarwal, S - 2021 | Cochrane library. Cochrane Reviews | Cochrane Library. Retrieved August 3, 2021, from <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012944.pub2/full>