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Investigate knowledge management technology implementation for supporting decision making in Ethiopian health sectors**Mniyichel Belay***Department of Information Science, Jimma University, Jimma, Ethiopia*

Introduction: Knowledge management technology is a key tool for facilitating and improving the quality of health care delivery in hospitals. However, the use and implementation of this technology is not an easy task. This study aims to investigate a knowledge management technology implementation and use in Ethiopian hospitals, with a particular reference to Jimma University Specialized Hospital.

Methodology: Information about challenges of knowledge management technology implementation was gathered using qualitative research methods, through conducting semi-structured interviews. Purposive sampling method was applied to select fifty-four participants from a well-defined population. Findings were first validated, according to published literature and research works, and then sorted into three main areas, such as current usage of KM technology to enhance and improve decision-making, factors affecting the implementation of KM technology

Results: This study revealed that the overall level of KM technology implementation in Jimma University Specialized hospital is still low.

Conclusion: Implementation and use of KM technology to improve the quality of hospital health services is needed. Thus, it suggested that hospital managers should make much more effort to develop a strategy and policy on the implementation and use of KM technology so that the hospital could improve the quality of healthcare services.

Keywords: Healthcare, KM technology, Clinical decision making, Ethiopian hospitals

Biography

Mniyichel Belay has completed his PhD at the age of 37 years from Jimma University and EDMA from London.. He has published more than 10 papers in reputed journals and has been serving as an editorial board member of natural science.