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ELECTRONIC HEALTH INFORMATION SYSTEMS TO IMPROVE DISEASE DIAGNOSIS AND MANAGEMENT

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ABSTRACT

The purpose of an electronic health information system (EHIS) is to support health care workers in providing health care services to an individual client and to enable data exchange among service providers. The demand to explore the use of EHIS for diagnosis and management of communicable and non-communicable diseases has increased dramatically due to the volume of patient data and the need to retain patients in care. In addition, the advent of Coronavirus disease 2019 (COVID-19) pandemic in high disease burdened low and middle income countries (LMICs) has increased the need for robust EHIS to enable efficient surveillance of the pandemic.

Keywords: electronic health information system, diagnosis, treatment, point-of-care, low and middle income countries