

Maternal Mortality: A Framework to Lower Maternal Mortality and Morbidity Rates within Kajiado North Constituency using Feasible Ubiquitous Technology

Maternal mortality is a great concern in many developing countries due to its devastating effects on family and society. In many developing countries, access to maternal health and information is the deciding factor between a healthy pregnancy and delivery and maternal mortality. The role of this research is to identify specific causes of maternal mortality, within the selected region of Kajiado North Constituency in Kenya, and then develop an ICT-based feasible intervention to provide maternal information and communication to minimise pregnancy and delivery complications. Using a quasi-experimental design, the effectiveness of this intervention will be validated through designated metrics. Based on the results of this intervention, a proposed framework to lower the maternal mortality and morbidity rates in the selected constituency by minimising pregnancy complications through the use of feasible ubiquitous technologies will be verified.