



# Methodological Assessment of Emergency Care Units in Uganda: A Randomized Field Trial

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## Abstract

Emergency care units (ECUs) in Uganda are crucial for managing acute medical conditions, yet their effectiveness is not well understood. A randomized controlled trial was conducted across ten randomly selected ECU sites in Uganda. Participants included patients presenting with acute conditions requiring immediate medical attention. In the study, 75% of patients received timely treatment within a mean response time of 45 minutes ( $SD=10$  minutes). The results suggest that ECUs in Uganda are effective at managing acute medical emergencies when operational protocols are followed. Further research should focus on improving patient flow and resource allocation to enhance ECU performance. Emergency Care Units, clinical outcomes, randomized field trial, Uganda

**Keywords:** *African geography, randomized controlled trial, clinical outcomes, outcome measurement, emergency medicine, healthcare delivery systems, quality assessment*

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