



# Methodological Assessment of Quasi-Experimental Designs in District Hospitals Systems for Risk Reduction in South Africa: An Overview from 2007 to 2007

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## Abstract

Quasi-experimental designs have been used in district hospitals systems to assess risk reduction interventions in South Africa. A systematic literature review was conducted, including a detailed examination of study methodologies, data collection processes, and outcomes reported over the period from to . Data analysis revealed that while some studies employed robust quasi-experimental designs, others had methodological weaknesses such as inadequate control groups or insufficient randomization. The review concluded with an overview of key strengths and limitations in the methodology of district hospitals systems for risk reduction interventions. Future research should prioritise rigorous design implementation to enhance the validity and reliability of quasi-experimental studies. Treatment effect was estimated with  $\text{text}\{logit\}(\pi) = \beta_0 + \beta^{-1} p X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *Geographic, African, District Hospitals, Quasi-Experimental Design, Randomization, Blinding, Outcome Measures*

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