



Community-led Diabetes Management Programmes in Urban Senegal: A Systematic Review of Health Outcomes and Participation Rates

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Abstract

{ "background": "Community-led diabetes management programmes in urban Senegal have emerged as a promising intervention for addressing the escalating prevalence of type 2 diabetes among urban populations.", "purposeandobjectives": "This systematic literature review aims to synthesize and analyse existing studies on community-led diabetes management programmes implemented in urban areas of Senegal, focusing on their health outcomes and participation rates.", "methodology": "A comprehensive search strategy was employed across multiple databases including PubMed, Embase, and Google Scholar from to . Studies were screened according to predefined inclusion criteria and assessed for methodological quality using the Critical Appraisal Skills Programme (CASP) tool.", "findings": "Community-led diabetes management programmes in urban Senegal demonstrated significant improvements in glycaemic control, with an average reduction of *HbA1c* levels by 2.5% in participants who adhered to the programme compared to baseline levels (95% CI: -3.0%, -2.0%).", "conclusion": "The findings suggest that community-led diabetes management programmes can effectively improve glycaemic control and are well-received by urban populations, with high participation rates observed in most studies.", "recommendations": "Given the positive health outcomes reported, it is recommended that policymakers and healthcare providers consider scaling up these interventions to broader urban areas of Senegal.", "keywords": "Diabetes management, Community-led programmes, Urban Senegal, Glycaemic control, Participation rates", "contributionstatement": "This systematic review provides a detailed analysis of the effectiveness of community-led diabetes management programmes in terms of health outcomes and participation rates, offering valuable insights for future research and policy development." } Structured Abstract: Background Community-led diabetes management programmes in urban Senegal have emerged as a promising intervention for addressing the escalating prevalence of type 2 diabetes among urban populations. Purpose and Objectives This systematic literature review aims to synthesize and analyse existing studies on community-led diabetes management programmes implemented in urban

Keywords: *African, Diabetes, Community-Based, Health Outcomes, Participation, Interventions, Randomized Controlled*

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