

## ABSTRACT

### A Contextual Framework for Sustainability in a Government Funded Health Management System – A Study of CDAP in Trinidad & Tobago

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This study examined the relationship among the constructs of the stakeholders' awareness of context, health care strategies and organization capacities and their ability to create a sustainable Chronic Disease Assistance Programme (CDAP). Samples of 161 pharmacies registered in the CDAP program were surveyed to test four hypothesized relationships among the constructs in creating sustainability.

For data analysis two step procedures were undertaken. In the first step, analysis of data imputation was used to obtain composite values for multiple items representing broad level variables. In the second step, descriptive and hierarchical regression analyses were used to test and explain the hypothesis using these variables.

Sustainability, a performance construct, was measured on three (3) dimensions, namely performance legitimacy, performance viability and performance readiness. The study finds that the strategies of community of practice, self-care management and the capacity of leadership have significantly high impact on legitimacy performance. The strategies of risk group segmentation and the capacities of role clarity and clinical information systems have an effect on

performance viability. Sourcing of finances was found no effect on sustainability. Improved awareness of the CDAP environmental context has an enhanced effect on the relationships between role clarity and clinical information systems with performance viability. However the capacities and the strategies did not create readiness performance.

Following testing the framework, the study proposed this for sustainability for CDAP. It provides guidelines to CDAP for implementation of new strategies and enhanced capacities in a given context to ensure sustainability. The study limitations were methodological in terms of its selection of CDAP's pharmacists and practitioners alone, without inclusion of other stakeholder in the CDAP process. The lack of significance of the relationships obtained between the capacities and strategies with performance readiness could be attributed to these limitations.

**Keywords:** Sandeep Bhupendra Maharaj; sustainability; Healthcare Systems; performance; Chronic Disease Assistance Program (CDAP).