

# Outcomes of home health care and telephone home visit by pharmacist in type 2 diabetes patients on hospital readmission: a case study at Bangplama Hospital, Suphanburi Province, Thailand

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## Background

Type 2 diabetes mellitus (T2DM) is a chronic disease that is characterized by hyperglycemia. It is a leading cause of morbidity and mortality worldwide. In Thailand, the prevalence of T2DM is increasing rapidly. The burden of T2DM is particularly high in the elderly population. The management of T2DM requires a multidisciplinary approach involving medical professionals, dietitians, and pharmacists. Home health care and telephone home visits are important components of the management of T2DM. This study aimed to evaluate the outcomes of home health care and telephone home visits by pharmacists in T2DM patients on hospital readmission at Bangplama Hospital, Suphanburi Province, Thailand.

## Materials and methods

This was a case study conducted at Bangplama Hospital, Suphanburi Province, Thailand. The study included 10 T2DM patients who had been hospitalized for T2DM-related complications. The patients were divided into two groups: the home health care group and the telephone home visit group. The home health care group received home health care services provided by a pharmacist, including medication management, patient education, and monitoring of blood glucose levels. The telephone home visit group received telephone home visits provided by a pharmacist, including medication management, patient education, and monitoring of blood glucose levels. The outcomes of the study were measured in terms of patient adherence to medication, patient knowledge of T2DM, and patient blood glucose control.

