

Name of Journal: *World Journal of Diabetes*

Manuscript NO: 60228

Manuscript Type: META-ANALYSIS

Efficacy of telemedicine on glycaemic control in patients with type 2 diabetes: A meta-analysis

Telemedicine on glycaemic control in diabetes

Abstract

BACKGROUND

Telemedicine is defined as the delivery of health services *via* remote communication and technology. It is a convenient and cost-effective method of intervention, which has shown to be successful in improving glycaemic control for type 2 diabetes patients. The utility of a successful diabetes intervention is vital to reduce disease complications, hospital admissions and associated economic costs.

Match Overview

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Efficacy of telemedicine on glycaemic control in patients with type 2



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The effects of **telemedicine** strategies on **the management of diabetes** is not clear. This study aimed to investigate **the impact** of different **telemedicine** strategies on **glycaemic control management** of **type 2 diabetes patients**. A search was performed in 6 databases from inception until September 2016 fo ...

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In this study, telehealth led to modest improvements in glycaemic control among people with type 2 diabetes as indicated by glycosylated haemoglobin (HbA1c), at least over 12 months. The improvements (0.21%, 95% CI, 0.04% to **0.38%** - equating to 2.3 mmol/mol, 95% CI, 0.4 to 4.2) are consistent with previous meta-analyses.

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