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## REVIEW ON DIABETES DISEASE MANAGEMENT PROGRAMS

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### ABSTRACT

*To comprehensively review and integrate available data on the impact of diabetes treatment programs on care procedures and outcomes for patients with diabetes mellitus. Review of literature and morph were used in this study. From 1987 to 2001, computerized databases was conducted for English-language controlled trials evaluating the efficacy of diabetic disease management regimens. Using a standardized abstraction form, two independent reviewers collected research data. An empirical Bayes model was used to generate pooling estimates of program impacts on glycosylated hemoglobin. The pooled assessment of program effects on glycosylated hemoglobin was a 0.5-percentage-point decrease (95 percent confidence range, 0.3 to 0.6 percentage points), which is a small but substantial improvement. Research strongly supports the program's advantages in improving retinal and foot lesions screening. Diabetic programs may help to enhance glucose control and boost retinal and foot problems screening. For individuals with diabetes mellitus, greater effort will be needed to develop more successful disease management strategies.*

**KEYWORDS:** *Control, Complications, Diabetes, Databases, Management.*

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