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Hypoglycemia and Cognitive Function in Diabetic Patients

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Abstract

Aims: Hypoglycemia can be considered the most common complication of Diabetes Mellitus treatment. So far, controversial studies have been carried out to examine the impacts of hypoglycemia on the cognitive function.

Methods: This study was conducted as case-control. The case group was 35 patients with Diabetes Mellitus Types I or II hospitalized in Imam Hussein Hospital, Tehran, Iran, who have experienced hypoglycemic attacks (glucose level below 70 mg/dl). The control group consisted of diabetic patients hospitalized in hospital, but they had no history of hypoglycemia. As the blood glucose level became in normal range and the patients' Mental status became stable, the brain cognitive function was examined using Mini-Mental State test.

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