

Relationship between diabetes mellitus and cognitive function in elderly patients

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This work was conducted to assess the relationship between diabetes mellitus and cognitive function in elderly. The study showed that diabetic elderly patients had an impaired cognitive function compared with the control elderly subjects. The significant affected areas of cognition in diabetics were the verbal production, semantic memory, language, delayed memory, visuospatial function and visuospatial memory. Uncontrolled diabetics had a poorer cognitive function than the controlled diabetics, which was significant in visuospatial memory. The duration of diabetes mellitus was inversely related to cognitive function. Insulin-treated diabetics had more poorer cognitive function than oral hypoglycemic treated diabetics, but this was nonsignificant.