

Assessment of cognitive functions after coronary artery bypass grafting and its relation to cerebral blood flow

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A prospective study was done on 30 patients undergoing CABG and 18 healthy controls. Patients were evaluated at baseline (preoperatively), one month and three months after the operation by Wechsler intelligence scale, Wechsler memory scale and transcranial Doppler.

The results showed that the patients' group showed cognitive decline at one month, followed by the return to near baseline values at three months.

This decline was related to decreased cerebral blood flow during the operation.