

MICROVASCULAR DECOMPRESSION IN SUPINATED POSITION FOR TRIGEMINAL NEURALGIA TREATMENT

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Aim: To describe the efficacy and complications of microvascular decompression of trigeminus done in patients in supinated position.

Patients and methods: During 2014, 2015 and 2016 in Department of neurosurgery University hospital Dubrava microvascular decompression was performed on 46 patients with trigeminal neuralgia. There were 20 male and 26 female with average age 55,5 years and average duration of pain 5 years. A total of 9 patients had pain distribution in only one trigeminal branch, 32 had pain in two branches and 5 in three branches.

Results: A total of 44 patients had a clear neurovascular conflict intraoperatively and all 46 patients had initial pain improvement. There were no intraoperative complications, 3 patients had postoperative complication, 1 nasoliquorrhea, 1 transverse sinus thrombosis and 1 superficial wound infection that were successfully treated.

Conclusion: Microvascular decompression is good and effective method of trigeminal neuralgia treatment and can be performed in supinated position with good efficacy and low complication rates.

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