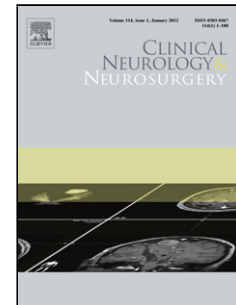


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# Factors of influence upon the SF-36-based health related quality of life of patients following surgery for petroclival and lateral posterior surface of pyramid meningiomas

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## Highlights:

- Quality of Life (QoL) reflects the patient's perspective and should be essential in physician's decision making.
- QoL after surgery of petroclival meningioma (PCM) is inferior to that of lat. post. pyramide meningioma (LPPM).
- The QoL of PCM and LPPM following surgical treatment is lower than that of the normal population.

## Abstract

**Objective:** To describe the patient's self assessed health related quality of life (saHRQoL) based upon the medical outcome study 36-item short form health survey (SF-36) as well as the factors of influence upon the saHRQoL following surgery for petroclival (PCM) and lateral posterior surface of the pyramid (LPPM) meningiomas.

**Patients and Methods:** In a series of 78 patients operated consecutively for PCM (n=46) or LPPM (n=32) the preoperative, intraoperative and postoperative data were collected retrospectively. The saHRQoL was obtained by mailing the SF-36 questionnaire to the patients. The SF-36 data of the whole patients group was compared with a healthy population. The SF-36 data of the PCM- and LPPM were compared to each other. The influence of pre-,

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