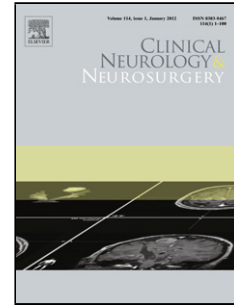


Accepted Manuscript

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PII: S0303-8467(18)30131-8
DOI: <https://doi.org/10.1016/j.clineuro.2018.03.028>
Reference: CLINEU 4983

To appear in: *Clinical Neurology and Neurosurgery*

Received date: 11-1-2018
Revised date: 17-3-2018
Accepted date: 26-3-2018

Please cite this article as: Zhang G-Jun, Zhang Y-Sheng, Zhang G-Bin, Da L, Zhang L-Wei, Wu Z, Zhang J-Ting, Prognostic factors and the management of anaplastic meningioma, *Clinical Neurology and Neurosurgery* (2010), <https://doi.org/10.1016/j.clineuro.2018.03.028>

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Title Page: Prognostic factors and the management of anaplastic meningioma

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Highlights

- Treatment with postoperative radiotherapy was significantly associated with longer progression-free survival and overall survival.
- Gross-total resection was a favourable factor for progression-free survival and overall survival.
- Homogeneous contrast on magnetic resonance imaging may be a better prognostic factor for progression-free survival.

Abstract:

Objectives: Anaplastic meningiomas (AMs) tend to have a higher local recurrence rate and metastasize. but few studies have reported on the prognosis and management of patients with AM, this study aimed to increase the understanding of the prognosis, management and history of AM.

Patients and Methods: All patients (n=56) underwent surgeries in our hospital between December 2008 and January 2016. Postoperative pathology reports confirmed the diagnosis of AM. Prognostic factors and the management were analysed in this study. AM was then divided into two groups. One group was primary AM, the other group was secondary AM.

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