Incidence of neurological symptoms in brain metastases from breast cancer and its impact on prognosis
- an analysis of 968 patients with brain metastases

Ariane Steinidl (1), Katharina Schweighart (1), Clara Zach (1), Anna Grisold (2), Brigitte Catterbauer (3), Karin Dieckmann (4), Zsuzsanna Bago-Horvath (5), Ruth Exner (6), Florian Fitzal (6), Georg Pfeifer (7), Christian F. Singer (7), Georg Widhalm (3), Rupert Bartsh (1), Matthias Preusser (1), Anna S. Berghoff (1)

(1) Department of Medicine I, Medical University of Vienna, Austria, (2) Department of Pathology, Medical University of Vienna, Vienna, Austria, (3) Department of Neurosurgery, Medical University of Vienna, Austria, (4) Department of Radiooncology, Medical University of Vienna, Austria, (5) Department of Obstetrics and Gynaecology, Medical University of Vienna, Vienna, Austria


| Symptomatic patients at diagnosis of BM | 87% | 82% | 79% |
| Asymptomatic patients at diagnosis of BM | 13% | 18% | 21% |

CONCLUSION
Neurological symptoms are independently associated with overall survival in patients with BM from breast cancer. Our results highlight the need to incorporate neurological symptoms into the prognostic assessment of patients with BM from breast cancer.

In multivariate analysis, the breast cancer-specific Graded Prognostic Assessment (Breast-GPA: HR:1.4; 95% CI, 1.27-1.49; p=0.001) and the presence of neurological symptoms (HR:1.6; 95% CI, 1.35-1.95; p<0.001) presented as independently associated with survival prognosis from time of BM diagnosis respectively.

CONTACT FOR MORE INFORMATION: ariane.steindl@meduniwien.ac.at or anna.berghoff@meduniwien.ac.at

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