

# Intracranial tumors can be resected safely in elderly

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Elderly patients do not have poorer short-term outcomes after surgical resection of primary or metastatic intracranial tumors, after accounting for other risk factors, according to research published online Oct. 12 in *Cancer*.

(HealthDay)—Elderly patients do not have poorer short-term outcomes after surgical resection of primary or metastatic intracranial tumors, after accounting for other risk factors, according to research published online Oct. 12 in *Cancer*.

Andreea Seicean, M.P.H., of the Case Western Reserve University School of Medicine in Cleveland, and colleagues conducted a prospective study using data from the American College of Surgeons' National [Surgical Quality](#)-Improvement Project database from 2006 to 2010. Outcomes were assessed for 134 patients aged 75 years and older and 134 [propensity score](#)-matched patients aged 40 to 74 years of age who underwent craniotomy for resection of [malignant brain tumors](#).

The researchers found no increase in the odds for poorer short-term outcomes with advanced age. There were no significant differences in minor or major complications between the groups, and no significant differences in return to the operating room or 30-day mortality.

"Contrary to common assumptions, our analysis of a large, prospective, multi-institutional database suggests that advanced age does not predispose individuals undergoing aggressive surgical therapy for primary or metastatic intracranial tumor to increased risk for operative or short-term postoperative morbidity or mortality," the authors write.

**More information:** [Abstract](#)  
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