

# 学位論文審査結果の要旨

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(学位論文審査結果の要旨)

Preferences Regarding Breast Surgery Omission Among Patients With Breast Cancer Who Receive Neoadjuvant Chemotherapy

【主論文審査結果の要旨】

著者らは論文において下記の内容を述べている。

Background/aim: Currently, several ongoing prospective studies are investigating the safety of breast surgery omission in patients with breast cancer who are exceptional responders to neoadjuvant chemotherapy. However, there is little information about the preferences of these patients regarding omission of breast surgery.

Patients and methods: We conducted a questionnaire survey to assess preferences regarding omission of breast surgery among patients with breast cancer who had human epidermal growth factor receptor 2-positive or estrogen receptor-negative tumors and good clinical response after neoadjuvant chemotherapy. Patients' estimation of the risk of ipsilateral breast tumor recurrence (IBTR) after definitive surgery or breast surgery omission was also assessed.

Results: Of 93 patients, only 22 (23.7%) said they would omit breast surgery. Under the scenario of omitting breast surgery, the 5-year IBTR rate estimated by patients who said they would omit breast surgery was significantly lower (median, 10%) than the rate estimated by patients who preferred undergoing

definitive surgery (median, 30%) ( $p=0.017$ ).

**Conclusion:** The proportion of our surveyed patients who were willing to omit breast surgery was low. Patients who said they preferred to omit breast surgery overestimated the 5-year IBTR risk.

術前化学療法を受けた乳癌患者における乳房手術省略に関する意向について検討した論文であり、学術上きわめて有益であり、学位論文として価値あるものと認めた。

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