

# Accepted Manuscript

Volumetric analysis using low-field intraoperative magnetic resonance imaging for 168 newly diagnosed supratentorial glioblastomas: effects of extent of resection and residual tumor volume on survival and recurrence

Atsushi Fukui, MD, Yoshihiro Muragaki, MD, PhD, Taiichi Saito, MD, PhD, Takashi Maruyama, MD, PhD, Masayuki Nitta, MD, PhD, Soko Ikuta, PhD, Takakazu Kawamata, MD, PhD

PII: S1878-8750(16)31098-1

DOI: [10.1016/j.wneu.2016.10.109](https://doi.org/10.1016/j.wneu.2016.10.109)

Reference: WNEU 4777

To appear in: *World Neurosurgery*

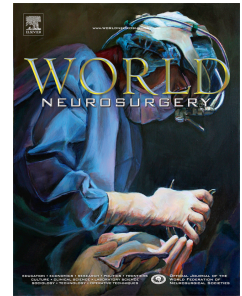
Received Date: 20 July 2016

Revised Date: 21 October 2016

Accepted Date: 22 October 2016

Please cite this article as: Fukui A, Muragaki Y, Saito T, Maruyama T, Nitta M, Ikuta S, Kawamata T, Volumetric analysis using low-field intraoperative magnetic resonance imaging for 168 newly diagnosed supratentorial glioblastomas: effects of extent of resection and residual tumor volume on survival and recurrence, *World Neurosurgery* (2016), doi: 10.1016/j.wneu.2016.10.109.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 Title

2 **Volumetric analysis using low-field intraoperative magnetic resonance imaging for 168**  
3 **newly diagnosed supratentorial glioblastomas: effects of extent of resection and residual**  
4 **tumor volume on survival and recurrence**

5

6 Authors

7 Atsushi Fukui, MD<sup>a,b</sup> ([interfly@hotmail.com](mailto:interfly@hotmail.com))

8 Yoshihiro Muragaki, MD, PhD<sup>a,b</sup> ([ymuragaki@twmu.ac.jp](mailto:ymuragaki@twmu.ac.jp))

9 Taiichi Saito, MD, PhD<sup>c</sup> ([taiichis@gmail.com](mailto:taiichis@gmail.com))

10 Takashi Maruyama, MD, PhD<sup>a,b</sup> ([tmaruyama@nij.twmu.ac.jp](mailto:tmaruyama@nij.twmu.ac.jp))

11 Masayuki Nitta, MD, PhD<sup>a,b</sup> ([mnittadfc@gmail.com](mailto:mnittadfc@gmail.com))

12 Soko Ikuta, PhD<sup>a</sup> ([sikuta@twmu.ac.jp](mailto:sikuta@twmu.ac.jp))

13 Takakazu Kawamata, MD, PhD<sup>b</sup> ([tkawamata@twmu.ac.jp](mailto:tkawamata@twmu.ac.jp))

14 <sup>a</sup> Faculty of Advanced Techno-Surgery, Institute of Advanced Biomedical Engineering and

15 Science, Graduate School of Medicine, Tokyo Women's Medical University

16 Postal address: 8-1 Kawada-cho, Shinjuku-ku, Tokyo 162-8666, Japan

17 <sup>b</sup> Department of Neurosurgery, Tokyo Women's Medical University

Download English Version:

<https://daneshyari.com/en/article/5634909>

Download Persian Version:

<https://daneshyari.com/article/5634909>

[Daneshyari.com](https://daneshyari.com)