

Accepted Manuscript

Space-occupying Tumor Bed Cysts as a Complication of Modern Treatment for High Grade Glioma

Dr Thomas Beez, Sven Burgula, Dr Marcel Kamp, Dr Marion Rapp, Prof. Dr Hans-Jakob Steiger, Prof. Dr Michael Sabel



PII: S1878-8750(17)30707-6

DOI: [10.1016/j.wneu.2017.05.019](https://doi.org/10.1016/j.wneu.2017.05.019)

Reference: WNEU 5713

To appear in: *World Neurosurgery*

Received Date: 12 December 2016

Revised Date: 1 May 2017

Accepted Date: 4 May 2017

Please cite this article as: Beez T, Burgula S, Kamp M, Rapp M, Steiger H-J, Sabel M, Space-occupying Tumor Bed Cysts as a Complication of Modern Treatment for High Grade Glioma, *World Neurosurgery* (2017), doi: 10.1016/j.wneu.2017.05.019.

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.

Space-occupying Tumor Bed Cysts as a Complication of Modern Treatment for High Grade Glioma.

Dr. Thomas Beez, Sven Burgula, Dr. Marcel Kamp, Dr. Marion Rapp, Prof. Dr. Hans-Jakob Steiger, Prof. Dr. Michael Sabel

Department of Neurosurgery, Medical Faculty, Heinrich-Heine-Universität, Moorenstrasse 5, Düsseldorf, Germany

Corresponding author:

Thomas Beez

Department of Neurosurgery, Medical Faculty, Heinrich-Heine-Universität, Moorenstrasse 5, 40225 Düsseldorf, Germany

Telephone: 0049-211-8107664

Fax: 0049-211-8116509

Email: thomas.beez@med.uni-duesseldorf.de

Keywords: high grade glioma, glioblastoma, tumor bed cyst, cerebrospinal fluid shunt

Download English Version:

<https://daneshyari.com/en/article/5634448>

Download Persian Version:

<https://daneshyari.com/article/5634448>

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