

## Journal Article



## Glioblastoma multiforme with an abscess: case report and literature review

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**Abstract** An intratumoral or peritumoral microbial intracranial abscess is an infrequent diagnosis. The development of this complication may not be preceded by apparent local or general infection in all cases. To identify this diagnosis by radiological (MRI) or laboratory investigations is very intricate. Nevertheless, the recommended life-saving strategy is early surgery with resolution of both the tumor and infection. If subsequent oncological treatment is required, it has to be adjusted for prevention of re-inflammation. The described patient suffered from an intracranial abscess superimposed on a Glioblastoma Multiforme. The confirmed etiological agent was *Staphylococcus aureus*. The suspected route of microbial migration and colonization in this tumor was bacteremia via agents from thrombophlebitis. The patient is in a good condition following surgery, antimicrobial treatment, and radiotherapy.

**Keywords** Bacteremia - Early surgery - Glioblastoma Multiforme - Intratumoral abscess

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References secured to subscribers.

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