

## ABSTRACT

Curr Neurol Neurosci Rep. 2021 Sep 20;21(10):53. doi:  
10.1007/s11910-021-01142-x.

Medical and Neurological Management of Brain Tumor Complications.

Youssef G(1), Wen PY(2).

Author information:

(1)Department of Neuro-Oncology, Dana-Farber Cancer Institute, Boston, USA.

(2)Department of Neuro-Oncology, Dana-Farber Cancer Institute, Boston, USA.

Patrick\_Wen@dfci.harvard.edu.

**PURPOSE OF REVIEW:** The diagnosis of brain tumors often leads to complications that are either related to the tumor itself or the tumor-directed and supportive therapies, increasing the burden on the patients' quality of life and even survival. This article reviews the medical and neurological conditions that commonly complicate the disease course of brain tumors patients.

**RECENT FINDINGS:** Various mechanisms have been newly identified to be involved in the pathophysiology of seizures and brain edema and can help advance the treatment of such complications. There have also been new developments in the management of thromboembolic disease and cognitive impairment. Medical and neurological complications are being identified more often in brain tumor patients with the improved survival provided by therapeutic advances. Early and proper identification and management of such complications are crucial for a better survival and quality of life.

© 2021. The Author(s), under exclusive licence to Springer Science+Business Media, LLC, part of Springer Nature.

DOI: 10.1007/s11910-021-01142-x

PMID: 34545509