

Special Issue

The Utilization of Fluorescein in Central Nervous System Tumor Surgery

Message from the Guest Editor

It is well established that the extent of surgical resection has a positive impact upon the clinical course of many brain tumors, including gliomas. As a consequence, many tools have been introduced to pursue this aim. In particular, sodium fluorescein has emerged as a safe, cheap, and effective dye for highlighting the tumor tissue, especially at its margins where surgical resection is more challenging. The aim of this Special Issue is to gather, in one collection, reviews and original research articles to illustrate the current applications, advantages and disadvantages, and future potential of sodium fluorescein in the field of neuro-oncological brain surgery. Specifically, the combination of fluorescein-guided surgery and intraoperative imaging tools, such as neuronavigation, ultrasound (US), and MRI, is a stimulating and underdeveloped field of research. Moreover, comparison of sodium fluorescein and other fluorescent drugs would be an interesting topic for discussion. Finally, contributions on the use of fluorescein-aided confocal laser endomicroscopy will also be welcome.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2021)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/46529

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