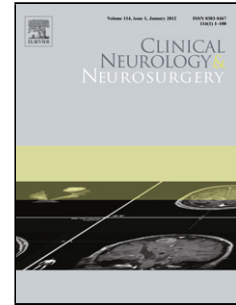


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Authors: Oliver D. Mrowczynski, Sara T. Langan, Elias B. Rizk



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## Craniopharyngiomas: A Systematic Review and Evaluation of the Current Intratumoral Treatment Landscape

Oliver D. Mrowczynski\* [omrowczynski@pennstatehealth.psu.edu](mailto:omrowczynski@pennstatehealth.psu.edu), Sara T. Langan, and Elias B. Rizk

Department of Neurosurgery, Pennsylvania State University College of Medicine, Hershey, PA 17033

**Corresponding author:** Oliver D. Mrowczynski, Department of Neurosurgery, Penn State Hershey Medical Center, Hershey PA 17033, Telephone: 717-531-4384, Fax: 717-531-3858

This work has not been presented previously.

### Highlights:

- We present a systematic review on intratumoral craniopharyngioma treatment
- Intratumoral therapy delays treatment with definitive surgery or radiation
- This decreases morbidities, detrimental in developmental years of childhood
- Intratumoral alpha interferon provides the best response and least side effects
- Randomized controlled trials outlining a standard dosing regimen are necessary

### Abstract

Cushing once described craniopharyngiomas as the most forbidding tumor; and, despite surgical advances decades later, craniopharyngioma resection is still extremely complex due to its location and infiltration into local structures, making gross total resection challenging. Adjuvant treatments include radiation and chemotherapy, but intratumoral therapy may emerge as an adjuvant treatment for craniopharyngiomas. Here, we present a review of the literature on this treatment modality; and, summarize the available reported cases to underline usefulness and

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