

**Mutism After Posterior Fossa Tumor Resection in Children: A Multicentered
International Retrospective Study**

- The purpose of the study is to determine the incidence and severity of CMS after PF tumor resection in different health care systems on a large scale. If there are factors related to the overall management or surgical technique that correlate with a lower or higher incidence of CMS, it may be possible to make changes that could reduce the incidence of CMS in the future, provided these changes do not create other complications or worsen progression free and overall survival from the tumor.

Specific Aim 1: To determine the incidence of CMS in patients in whom hydrocephalus associated with a PF tumor was treated initially by a surgical procedure, either ETV, ventricular shunt or EVD, followed by a resection of the PF tumor more than 1 day after treatment of hydrocephalus.

Specific Aim 2: To determine the incidence of CMS in patients in whom a subtotal or partial resection was achieved

Specific Aim 3: To determine the incidence of CMS in patients in whom an ultrasonic device was used to resect tumor