

TITLE: Cognitive and Functional Outcomes for Children with Hydrocephalus

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RESEARCH PROJECT DESCRIPTION

This is a quality improvement project that is aimed at children with hydrocephalus who have undergone intracranial procedures. Pediatric neurosurgical patients with hydrocephalus have been shown to have morbidity, mortality, as well as gross motor, neurological, cognitive, and behavioral deficits. Our practice will introduce a standardized assessment (The Ages and Stages Questionnaire and the Modified Rankin Score with Gross Motor Function Assessment) that will allow us to better document and establish outcomes for this population. The medical student would have the opportunity to evaluate this population using these tools, collect data, analyze data and potentially assist with manuscript development.