



# Pediatric Non-invasive Brain Stimulation Assessment

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## Assessment of Non-invasive Brain Stimulation Adverse Effects

A newly-developed assessment tool designed by pediatric neuroscientists and physicians allows practitioners of pediatric non-invasive brain stimulation to anticipate and address potential issues from adverse events. The assessment helps investigators assess and manage any adverse effects from non-invasive brain stimulation – and possibly helps prevent them from occurring in the first place. In addition, the tool provides critical information for managing seizures.

## Non-invasive Brain Stimulation Assessment

The assessment is comprised of five documents:

- *tDCS Risk Mitigation* and *TMS Risk Mitigation*, used for both minor and serious adverse event management
- *Participant Report of Symptoms*, which assesses patient status
- *Seizure Management Guidelines* and *Seizure Observation Record*, which guide investigators during the event of seizure.

### **BENEFITS AND FEATURES OF PEDIATRIC NON-INVASIVE BRAIN STIMULATION ASSESSMENT:**

- Provides important training
- Enhances the child's experience
- May prevent some of the known adverse effects
- Guides staff in assessing and managing adverse effects
- Delivers critical information for managing seizures
- Introduces a valuable resource on the feasibility and safety of pediatric non-invasive brain stimulation clinical trials

**Phase of Development** - Pilot Scale Demonstration. License available for using assessment tool.

## **Researchers**

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