

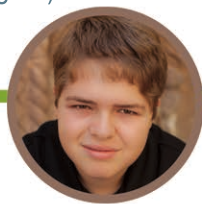
# Hypothalamic Hope Hamartomas

Giving Hope. Getting Answers.

[www.hopeforhh.org](http://www.hopeforhh.org)

## SYMPTOMS

- Seizures (gelastics, all others)
- Precocious Puberty (early)
- Cognitive Impairments
- Behavioral Difficulties (rages)
- Endocrine Disturbances
- Tumor



## DIAGNOSIS

- Clinical Evaluation
- MRI per HH Protocol
- Frequently Misdiagnosed
- EEG of limited value

## TREATMENT

- Individualized Intervention Key!
- Open Pterional/Oz Surgery
- Interhemispheric Craniotomy Surgery
- Endoscopic Surgery
- Gamma Knife Radiosurgery (GKS)
- Laser Ablation Surgery
- Symptom Management

## CARE

- Neurology
- Neurosurgery
- Endocrinology
- Neuropsychology
- Psychiatry

## ABOUT HOPE

- Information
- Education
- Community
- Research
- Cure



[info@hopeforhh.org](mailto:info@hopeforhh.org)

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