



Key Educational Resources for School Teams

General:

- [YouTube channel](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Resources for School Teams](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Programs and Resources](#) (**Pediatric Epilepsy Surgery Alliance**)
- [The \(Almost\) Everything List](#) includes information about school, adult life, financial assistance, decision-making, family resources, and more. Be sure to check back regularly for new resources. (**Pediatric Epilepsy Surgery Alliance**)

Education:

- Our [Special Education Resource Guide](#) was written for school teams. Each tab of this spreadsheet covers various assessments and explains specially designed instruction, supplementary aids and services, related services, program modifications, and supports. (**Pediatric Epilepsy Surgery Alliance**)
- [Education After Hemispherectomy: A Guide for the Educational Team](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Education Guides and Resources](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Hemispherectomy and Academic Outcomes](#) (Maguire 2022, **Pediatric Epilepsy Surgery Alliance**)
- [IEP at A Glance – Hemispherectomy](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Learning To Read After Hemispherectomy](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Literacy-related skills among children after left or right hemispherectomy](#) (Christodoulou 2021)
- [Literacy Resources padlet](#) (**Pediatric Epilepsy Surgery Alliance**)

- [Reading After Epilepsy Surgery: An Introductory Series For Parents And Educators – Part 1: Understanding The Big Five For The Early Or Struggling Reader](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Reading and Phonological Processing After Left Hemispherectomy](#) (DeBode 2015)
- [School and Learning](#) (**Pediatric Epilepsy Surgery Alliance**)
- [The Science of Reading: Best Literacy Practices for Struggling Readers](#) (Christodoulou 2024, **Pediatric Epilepsy Surgery Alliance**)

Auditory processing:

- An Introduction To Cortical Auditory Impairment After Hemispherectomy, TPO, or Temporal Lobectomy: [website](#) | [guide](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Listening with one hemisphere: A review of auditory processing among individuals after hemispheric surgery](#) (Harford 2024)
- [Strategies for Cortical Auditory Impairment After Hemispherectomy](#) (**Pediatric Epilepsy Surgery Alliance**)
- [School-Based Audiology Assessments After Epilepsy Surgery – webinar](#) (Amanda Levy, Au.D., **Pediatric Epilepsy Surgery Alliance**)
- [What do I need to know about Central Auditory Processing Disorder?](#) (Q&A with Tammy Reigner, Au.D., **Pediatric Epilepsy Surgery Alliance**)
- [Why You Need To Understand Central Auditory Processing Disorder After Epilepsy Surgery](#) (**Pediatric Epilepsy Surgery Alliance**)

Vision:

- **START HERE:** [Vision After Hemispherectomy, TPO, and surgeries that remove an occipital lobe](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Accommodations, modifications, and helpful strategies](#) (**Pediatric Epilepsy Surgery Alliance**)
- [All aboard! How the brain processes vision after resective epilepsy surgery](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Homonymous Hemianopia](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Helpful Educational Strategies For Children With Homonymous Hemianopsia](#) (**Pediatric Epilepsy Surgery Alliance**)

- [Helpful products and resources](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Vision After Hemispherectomy, TPO Disconnection, and Occipital Lobectomy: An Introductory Guide](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Vision After Occipital Lobectomy and Related Surgeries](#) – Monika Jones for Perkins eLearning, Perkins School for the Blind (CEU credits available)
- [Vision evaluations](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Vision Evaluations After Epilepsy Surgery](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Visual perception and processing](#) (**Pediatric Epilepsy Surgery Alliance**)
- [Care of the Patient with Learning Related Vision Problems](#) (American Optometric Association Consensus Panel 2008)
- [CVI Now – Perkins School for the Blind](#):
 - [CVI and the Math Mind PDF / VIDEO](#)
 - [Higher-order visual pathways and the CVI brain](#)
 - [The visual pathway from the eye to the brain](#)
- [CVI Scotland](#) – website with evidence-based resources for assessment, interventions, and more by Dr. Gordon Dutton and team
- [Eye Search Therapy UK](#) – a free online therapy for patients with visual search problems caused by brain injury (University College London Institute of Neurology)
- [Higher-order visual pathways and the CVI brain](#) (Perkins School for the Blind)
- [Reading Problems After Stroke or Head Injury](#) (Hemianopsia.net)
- [Ventral Stream Functions in CVI: Object and Face Perception](#) (Perkins eLearning)

Assistive Technology:

- [Assistive Technology Assessments After Epilepsy Surgery](#) (**Pediatric Epilepsy Surgery Alliance**)

Medical:

- [Hydrocephalus After Hemispherectomy \(PDF\)](#) (**Pediatric Epilepsy Surgery Alliance**)

- Seizure Action Plan: Epilepsy surgery does not have a 100% success rate. Children may have a seizure at any time after epilepsy surgery. A good seizure action plan is critical for the team to know and understand. (Epilepsy Foundation)

1:1 Support/Paraprofessionals:

- 1:1 Aide/Paraprofessional After Epilepsy Surgery: Quick Guide (**Pediatric Epilepsy Surgery Alliance**)

Brain injury resources:

- Brain Injury in Children and Youth: A Manual for Educators (Colorado Department of Education, 2018)
- LEARNet: A Resource for Teachers, Clinicians, Parents, and Students by the Brain Injury Association (tons of information on strategies, scripts, instruction, and supports).
- TBI TRAINING MEMORY MODULE (Wisconsin Traumatic Brain Injury Initiative 2006)

Favorite webinars from the PESAlliance YouTube channel:

- Autism and behavioral concerns after hemispherectomy (Dr. Jay Salpekar, 2015)
- Behavior Management Strategies For Challenging Behaviors – The Parent Management Training Program (Holly Chalkwater, M.A., LPCC-S, 2019)
- Brain-Based Visual Impairments (Dr. Marlene Behrmann, Dr. Terry Schwartz, Dr. Linda Lawrence, MD, 2019)
- Executive Functioning and Processing After Hemispherectomy (Dr. Cynthia Salorio, 2015)
- Harnessing Neuroplasticity: How The Brain Learns (Dr. Bryan Kolb, 2019)
- Hearing And Auditory Processing (Dr. Frank Musiek, 2019)
- Hearing After Hemispherectomy (Dr. Frank Musiek, 2016)
- How the Brain Hears (Dr. Frank Musiek, 2019)
- Literacy Acquisition Following Hemispherectomy (Christodoulou, 2019)
- Managing Obstacles: Walking and Driving With Homonymous Hemianopia (Dr. Alex Bowers, 2019)

- [Memory After Large Resective/Disconnective Pediatric Epilepsy Surgery](#) (Dr. Mary Lou Smith, 2019)
- [Neuropsychological Assessments](#) (Dr. Mary Lou Smith, 2019)
- [Neuropsychological Assessments After Hemispherectomy](#) (Dr. Michael Kirkwood, 2016)
- The Reading Brain: Neuroscience and Implications for Assessments After Hemispherectomy: [video](#) | [transcript](#) | [PowerPoint](#) (Dr. Joanna Christodoulou, 2017)
- [Speech and Language](#) (Dr. Patricia Walshaw, 2019)
- [Teaching Children With Intellectual Disability How To Read](#) (Jill Allor, 2019)
- [Understanding Executive Function](#) (Lindy Joffe, OT, for the Pediatric Epilepsy Surgery Alliance 2024)
- [Understanding Sensory Processing and Self-Regulation](#) (Lindy Joffe, OT, for the Pediatric Epilepsy Surgery Alliance 2024)
- [Vision And Visual Processing](#) (Marlene Behrmann, PhD, The Brain Recovery Project, 2019)
- [Vision Challenges and Rehabilitation After Hemispherectomy](#) (Dr. Robert Enzenauer and Dr. Lynn Hellerstein, 2016)

Selected bibliography

Our school training is based on the following peer-reviewed medical research papers and other reputable sources:

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Child Neurology Foundation webinar series about behaviors in children with neurological conditions:

- Age-Appropriate Behavior Management: Strategies to Address Difficult Behaviors in Children with Neurologic Conditions
- Behavior Management: Steps You Can Take Right Now To Think Brain First
- Communication Strategies to Improve and Prevent Challenging Behaviors for Minimally Verbal Children
- Managing Disruptive And Harmful Behavior In Epilepsy and Autism Spectrum Disorders

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