

# The Prevalence and Form of Cortical Visual Impairment (CVI) in Angelman Syndrome

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- **Our goal** is to estimate the percentage of children with AS who may have CVI, understand its severity, and assess its potential impact on communication.
- **Background:**
  - Little is known about the functional vision of children with AS, but CVI is likely given its association with genetic disorders and seizures.
  - CVI impacts visual and visual motor processes including the ability to:
    - identify objects and shapes
    - engage in visual joint attention
    - attend visually to an entire visual field, interpret complex visual scenes
- **Approach:**
  - Ask 1,000 + parents of children with AS to complete surveys regarding their child's vision and communication skills.
  - Directly assess vision and communication skills of 30 children with AS.