Cortical Visual Impairment and Blindness: Functional Implications and Rehabilitation

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1. Definition of Cortical Blindness and Visual Impairment (CVI) (CVI) is a neurological visual disorder. It is the fastest growing visual impairment diagnosis today
   a. Congenital CVI
   b. Acquired CVI

2. Causes of CVI – Birth trauma, premature birth, cerebral vascular accident, head injury

3. Demographics of CVI

4. Team players for Rehabilitation – Optometrist, Teacher of the Visually Impaired, Occupational therapist, Orientation and Mobility Specialist, Physiatrist, Neuropsychologist

5. Congenital CVI
   a. Common Symptoms
   b. Diagnosis
   c. Evaluation
   d. Management
6. Acquired CVI
   a. Common symptoms
   b. Diagnosis
   c. Evaluation
   d. Common findings
   e. Management

7. Rare syndromes with Cortical Visual impairment
   a. Balint’s syndrome
   b. blindsight
   c. Hemispatial Neglect
   d. Phantom hand syndrome

8. Case studies
   a. Congenital CVI
   b. Acquired CVI

9. Conclusion – Need for optometric intervention and integration of visual information for this population