

Cortical Cerebral Visual Impairment Bibliography compiled by M. Wilson, PhD

Reference	Summary/Key Words
1. Ahmed, M. and Dutton, GN (1996). Cognitive visual dysfunction in a child with cerebral damage. <i>Developmental Medicine and Child Neurology</i> , 38, 736-743.	CVI
2. Anderson, S. and Rizzo, M. (1995) Recovery and rehabilitation of visual cortical dysfunction. <i>Neurorehabilitation</i> , 5, 129-140.	Rehabilitation VF Visual agnosia Stroke
3. Bautouin, J., Humphreys, G. (2006) Compensatory strategies in processing facial emotions: evidence from prosopagnosia. <i>Neuropsychologia</i> 44(8), 1361-1369.	Prosopagnosia Facial emotions Compensatory strategies
4. Baylis, G., Simon-Dack, S., Greene, K., Jelsone, L., Rorden, C. (2004) The effect of ipsilesional cues on line-bisection errors: the importance of predictive values. <i>Neuropsychologia</i> 42, 175-182.	Neglect Parietal lobes
5. Boutsen, L., Humphreys, G. (2000) Axis-based grouping reduces visual extinction. 38, 896-905.	Extinction Simultanagnosia Parietal lobes
6. Bruce, V. & Humphreys, G. (1997). Object and face recognition. <i>Journal Visual Cognition - Special Issue</i> . England: Taylor & Francis Publishers	Prosopagnosia
7. Buxbaum, L., Glosser, G., & Coslett, H. (1999). Impaired face and word recognition without object agnosia. <i>Neuropsychologia</i> , 37, 41-50.	Prosopagnosia
8. Cioni, G., Bertuccelli, B., Boldrinni, A., Canapicchi, R., Fazzi, B., Guzzetta, A., Mercuri, E. (2000). Correlation between visual function, neurodevelopmental outcome, and magnetic resonance imaging findings in infants with periventricular leucomalacia, <i>Archives of Diseases in Childhood: Fetal & Neonatal Edition</i> . 82, F134-F140.	PVL Vision MRI Prematurity
9. Cooper, A., Humphreys, G. (2000) Coding space within but not between objects: evidence from Balint's syndrome. <i>Neuropsychologia</i> 38, 723-733.	Balint's Spatial relations

Reference	Summary/Key Words
10. Counsell, S., Allsop, J., Harrision, M., Larkman, D., Kennea, N., Kapellou, O., Cowan, F., Hajnal, J., Edwards, A., Rutherford, M. (2003) Diffusion-weighted imaging of the brain in preterm infants with focal and diffuse white matter abnormality. <i>Pediatrics</i> 112(1), 1-7.	PVL Prematurity
11. da Costa, M., Salomao, S., Berezovsky, A., de Haro, F., Ventura, D. (2004) Relationship between vision and motor impairment in children with spastic cerebral palsy: new evidence from electrophysiology. <i>Behavioural Brain Research</i> , 149, 145-150.	VA declines with increasing motor impairment
12. De Renzi, E. and di Pellegrino G. (1998) Prosopagnosia and alexia without object agnosia. <i>Cortex</i> 34, 403-415.	Prosopagnosia Alexia Object agnosia
13. Dale, N., & Sonkson, P, (2002). Visual impairment in infancy: Impact on neurodevelopmental and neurobiological processes. <i>Developmental Medicine & Child Neurology</i> . 44, 613-622.	VI Infants
14. Damasio, A., Damasio, H., & Van Hoesen, G. (1982). Prosopagnosia: Anatomic basis and behavioral mechanisms. <i>Neurology</i> , 32, 331-342	Prosopagnosia
15. Downie, A.L.S., Jacobson, L.S., Frisk, V., Ushycky, I. (2003). Periventricular brain injury, visual motion processing, and reading and spelling abilities in children who were extremely low birth weight. <i>Journal of International Neuropsychological Society</i> . 9, 440-449.	PVL Motion perception Education
16. Dennison, E. and Lueck, A. Editors (2006) Proceedings of the Summit on Cerebral/Cortical Visual Impairment: Educational, Family, and Medical Perspectives, April 30, 2005. AFB Press.	CVI Summit
17. Deouell, L., (2002) Pre-requisites for conscious awareness: Clues from electrophysiological and behavioural studies of unilateral neglect patients. <i>Consciousness and Cognition</i> , 11, 546-567.	Neglect
18. De Renzi, Ennio (2000). Disorder of Visual Recognition. <i>Seminars in Neurology</i> , V 20, 4, 479-485.	Prosopagnosia
19. De Renzi, D & Di Pellegrino, Giuseppe (1998). Prosopagnosia & Alexia Without Object Agnosia. <i>Alexia</i> , 34, 403-415.	Prosopagnosia

Reference	Summary/Key Words
20. Dixon, MJ, Bub, DN, Aruin, M. (1998). Semantic and visual determinants of face recognition in a prosopagnosic patient. <i>Journal of Cognitive Neuroscience</i> , May, 10(3): 362-76	Prosopagnosia
21. Duchaine, B and Nakayama, K (2006) Developmental prosopagnosia: a window to content-specific face processing. <i>Current opinion in Neurobiology</i> , 16, 166-173.	Prosopagnosia
22. Dutton, G., Ballantyne, J., Boyd, G., Bradman, M., Day, R., McCullough, D., Mackie, R., Philips, S., & Saunders, K. (1996). Cortical visual dysfunction in children: A clinical study. <i>Eye</i> . 10, 302-309	CVI
23. Dutton, G., Day, R. & McCulloch, D. (1999). Who is a visually impaired child? A model is needed to address this question for children with cerebral visual impairment. <i>Developmental Medicine & Child Neurology</i> , 41, 211-213	CVI
24. Dutton, G. N. (1999). Evidence of cognitive visual problems in children with hydrocephalus: a structured clinical history-taking strategy. <i>Developmental Medicine & Child Neurology</i> , 41:298-306	CVI Hydrocephalus History taking form
25. Dutton, G. N. (2001). Cerebral Visual Impairment in Children. <i>Semin Neonatal</i> , Dec. 6 (6): 477-85, Royal Hospital for Sick Children, Glasgow, UK.	CVI
26. Dutton, G. N. (2003). Cognitive vision, its disorders and differential diagnosis in adults and children: knowing where and what things are. <i>Eye</i> , 17: 289-304.	CVI
27. Dutton, G. N. (2004). Association of binocular lower visual field impairment, impaired simultaneous perception, disordered visually guided motion and inaccurate saccades in children with cerebral visual dysfunction-a retrospective observational study. <i>Eye</i> , 18: 27-34	CVI LVF Simultanagnosia Saccades
28. Dutton GN, et al. (2004). Association of binocular lower visual field impairment, impaired, simultaneous perception, disordered visually guided motion and inaccurate saccades in children with cerebral visual dysfunction-a retrospective observational study. <i>Eye</i> . Jan;18(1):27-34.	CVI VF Simultanagenosia Ataxia Saccades

Reference	Summary/Key Words
29. Eimer, Martin (2000). Event-related brain potentials distinguish processing stages involved in face perception and recognition. <i>Clinical Neurophysiology</i> 111. 694-705.	Prosopagnosia
30. Ek, U, Fellenius, K., Jacobson, L. (2003) Reading acquisition, cognitive and visual development and self-esteem in four children with cerebral visual impairment. <i>JVIB</i> , December, 741-754.	CVI Braille Education
31. Farah, M. <i>Visual Agnosia: Disorders of Object Recognition and What They Tell Us about Normal Vision</i> . MIT Press, Bradford Books. 1990.	Prosopagnosia
32. Fazzi, E., Bova, S., Uggetti, C., Signorini, S., Bianchi, P., Maraucci, I., Zoppello, M., Lanzi (2004) Visual-perceptual impairment in children with periventricular leukomalacia. <i>Brain and Development</i> 26, 506-512.	PVL Vision More PVL, more VI
33. Filoteo, J., Friedrich, F., Rabbel, C., Stricker, J. (2002) Case Study. Visual perception without awareness in a patient with posterior cortical atrophy: Impaired explicit but not implicit processing of global information. <i>J of the Intl. Neuropsychological Society</i> , 8, 461-472.	Contrast sensitivity Simultanagnosia Prosopagnosia Copying Balint's
34. Gauthier, I., Behrmann, M. & Tarr, M. (1999). Can face recognition really be dissociated from object recognition. <i>Journal of cognitive neuroscience</i> , 4, 26-50.	Prosopagnosia
35. Gauthier, Isabel & Nelson, Charles (2001). The Development of Face Expertise. <i>Current Opinion in Neurobiology</i> , 11, 219-224	Prosopagnosia
36. Gillen JA, Dutton GN (2003). Balint's syndrome in a 10-year-old male. <i>Dev Med Child Neurol.</i> 45(5):349-52.	Balint's Optic ataxia Simultanagnosia
37. Girkin, C. and Miller, N. (2001) Central disorders of vision in humans. <i>Survey of Ophthalmol</i> 45(5), 379-405.	CVI Visual pathways Overview
38. Good, W. V. (2001). Recent advances in cortical visual impairment, <i>Developmental Medicine & Child Neurology</i> , 43: 56-60.	CVI

Reference	Summary/Key Words
39. Good, WV. Development of a quantitative method to measure vision in children with chronic cortical visual impairment. <i>Tr. Am. Ophth. Soc.</i> 99:253-269 (2001).	CVI Acuity
40. Goodale, M., and Westwood, D. (2004) An evolving view of duplex vision: separate but interacting cortical pathways for perception and action. <i>Current Opinion in Neurobiology</i> 14, 203-211.	Dorsal stream Ventral stream Vision Visual-perceptual
41. Groenvelde, M. (1993). Visual Behaviors and Adaptations Associated with Cortical Visual Impairment, <i>Journal of Visual Impairment and Blindness</i> , April 1993: 101-105.	CVI
42. Groenvelde, M., Jan, J.E., (1990). Observations on the Habilitation of Children with Cortical Visual Impairment. <i>Journal of Visual Impairment and Blindness</i> , January, 1990: 11-15.	CVI
43. Hård, A-L., Aring, E., Hellström, A. (2004) Subnormal visual perception in school-aged ex-preterm patients in a paediatric eye clinic. <i>Eye</i> , 18, 628-634.	Permaternity Visual perception
44. Gronqvist, S., Flodmark, O., Tornqvist, K., Edlund, G., & Hellstrom, A. (2001) Association between visual impairment and functional and morphological cerebral abnormalities in full-term children. <i>Acta Ophthalmologica Scandinavica</i> 79, 140-146.	CVI Full-term
45. Habekost, T., Rostrup, E. (2006) Persisting asymmetries of vision after right side lesions. <i>Neuropsychologia</i> 44, 876-895.	Neglect Extinction Right hemisphere
46. Heinke, D., Humphreys, G. (2003) Attention, spatial representation, and visual neglect: simulating emergent attention and spatial memory in the selective attention for identification model (SAIM). 110, 29-87.	Neglect Extinction
47. Holmström, G., el Azazi, M., Kugelbert, U. (1999) Ophthalmological follow up of preterm infants: a population based, prospective study of visual acuity and strabismus. <i>Br J Ophthalmol</i> 83, 143-150.	Prematurity Visual acuity Strabismus Higher incidence of VI in preemies than normal population

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48. Houlston, M., Taguri, A., Dutton, G., Hajivassiliou, C., Young, D. (1999). Evidence of cognitive visual problems in children with hydrocephalus: a structural clinical history-taking strategy. <i>Developmental Medicine and Child Neurology</i> , 41, 298-306.	Hydrocephalus CVI History taking form
49. Hoyt, C. S. (2002). Visual Function in the Brain-Damaged Child. The Doyne Lecture, Oxford, England.	CVI
50. Hoyt, C., Good, W. (2001) The many challenges of childhood blindness. <i>Br J Ophthalmol</i> 85, 1145-1146.	ROP CVI
51. Hoyt, C. and Frederick, C. (1998) Cortically visually impaired children: a need for more study. <i>Br J Ophthalmol</i> 82, 1225-1227.	CVI Definition
52. Huo, R, Burden SK, Hoyt CS, Good HV. Chronic cortical visual impairment in children: aetiology, prognosis, and associated neurological deficits. <i>Br J Ophthalmol</i> 83:670-754 (1999).	CVI
53. Hyvärinen, J. The parietal cortex of monkey and man. Berlin ; New York : Springer-Verlag, 1982 ISBN 0387116524 (U.S.)	Parietal lobes and vision Gerstman's Syndrome Balint's Syndrome
54. Hyvärinen, L. <i>Transdisciplinary Assessment of Vision</i> . Go to: www.lea-test.sgic.fi/en/assessme/trans2/index.htm	CVI
55. Hyvärinen, L. (2004). Understanding the Behaviors of Children with CVI, position paper written for SKI-HI Institute webcast series on CVI, 2004.	CVI Behaviors
56. Hyvärinen, L. (2005). Brain damage related visual loss. <i>International Congress Series</i> , 1282, 578-584.	CVI
57. Jacobson, L., Hard, A-L., Svensson, E., Flodmark, O., Hellstrom, A. (2003). Optic disc morphology may reveal timing of insult in children with periventricular leucomalacia and/or periventricular haemorrhage, <i>Br J Ophthalmol</i> , 87, 1345-1349.	PVL CVI
58. Jacobson, L., Ygge, J., Floodark, O., Ek, U. (2002). Visual and perceptual characteristics, ocular motility and strabismus in children periventricular leukomalacia. <i>Strabismus</i> 10(2), 179-183.	CVI Ocular motility Strabismus PVL

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59. Jacobson, L., Foodmark O., Martin, L. (2006) Visual field defects on prematurely born patients with white matter damage of the immaturity: a multiple-case study. <i>Acta Ophthalmol Scand</i> 84, 357-362.	PVL VF Prematurity
60. Jacobson, L., (2000). Periventricular Leukomalacia: An Important Cause of Visual and Ocular Motility Dysfunction in Children. <i>Survey of Ophthalmology</i> , July-August, Vol. 45: 1-13.	PVL CVI Ocular motility
61. Jacobson, L. et al (1998). Nystagmus in periventricular leukomalacia. <i>Br. J. Ophthalm.</i> 82:1026:1032.	PVL Nystagmus
62. Jacobson, L., Ek, U., Fernell, E., Flodmark, O., & Broberger, U. (1996). Visual impairment in preterm children with periventricular leukomalacia - Visual, cognitive, and neuropaediatric characteristics related to cerebral imaging. <i>Developmental Medicine and Child Neurology</i> . 38, 724-735.	PVL Vision CVI
63. Jambaque, I., Motron, L., Ponsot, G., & Chiron, C. (1998). Autism and visual agnosia in a child with right occipital lobectomy. <i>J Neurol Neurosurg Psychiatry</i> , 4, 555-60.	Prosopagnosia
64. Joseph, R. & Tanaka, J. (2003). Holistic and part-based face recognition in children with autism. <i>Journal of Child Psychology and Psychiatry</i> . 44.4. 529-542.	Prosopagnosia
65. Jan, J., Groenveld, M, Hoyt, C. (1987). Behavioral Characteristics of Children with Permanent Cortical Visual Impairment. <i>Developmental Medicine and Child Neurology</i> , 29, 571-576.	CVI Behavior
66. Jan, J.E. (2001) Changing patterns of visual impairment, <i>Developmental Medicine and Child Neurology</i> , 43, 219-219.	CVI
67. Jan, J. & Freeman, R (1998). Who is a visually impaired child? <i>Developmental Medicine & Child Neurology</i> , 40, 65-67.	CVI
68. Keller, I., Schindler, I., Kerkhoff, G., von Rosen, F., Goze, D. (2005) Visuospatial neglect in near and far space: dissociation between line bisection and letter cancellation. <i>Neuropsychologica</i> 43(5), 724-731.	Neglect Line bisection

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69. Kerber, K., Enrietto, J., Jacobson, K., Baloh, R. (1998) Disequilibrium in older people. A prospective study. <i>Neurology</i> , 51, 574-580.	Balance Vestibular Ventricles White matter Enlarged ventricles in elderly correlated with poor balance.
70. Kerkoff, G. (2001) Spatial neglect in humans. <i>Progress in Neurobiology</i> , 63, 1-27.	Neglect Overall review Extinction Vision can extinguish auditory and tactile and vica versa Parietal lobes
71. Kinney, H. (2006) The near-term (late preterm) human brain and risk for periventricular leukomalacia: a review. <i>Seminars in perinatology</i> , 30, 81-88.	PVL Prematurity Full-term
72. Kinney, H., Panigraphy, A., Newburger, J., Jonas, R., Sleeper, L. (2005) Hypoxic-ischemic brain injury in infants with congenital heart disease dying after cardiac surger. <i>Acta Neuropathol</i> 110, 563-578.	PVL can occur in full-term infants up to 30 days after birth and lesions did not occur in the womb.
73. Klin, A., Sparrow, S., Bildt, A., Cicchetti, D., Cohen, D., & Volkmar, F. (1999). A normed study of face recognition in autism and related disorders. <i>Journal of autism and developmental disorders</i> , Vol 29, 6. 499-508.	Prosopagnosia
74. Krolak-Salmon, P., Guenot, M., Tiliket, C., Isnard, J., Sindou, M., Mauguiere, F., Vighetto, A. (2000) Anatomy of optic nerve radiations as assessed by static perimetry and MRI after tailored temporal lobectomy. <i>Br J Ophthalmol</i> 84, 884-889.	Location of Meyer's loop VF defects
75. Lee, A., Brazis, P., Garrity, J., White, M. (2004) Imaging for neuro-ophthalmic and orbital disease. <i>Am J Ophthalmolo</i> 138, 852-862.	MRI Best methods of scanning (MRI)

Reference	Summary/Key Words
76. Marshall, J.C., Fink, G. (2000) Spatial cognition: where we were and where we are. <i>NeuroImage</i> 14, S2-S7.	Visual extinction Simultanagnosia Visual neglect Parietal lobes
77. McCulloch, D.L., Taylor, M.J. (1992). Cortical Blindness in Children: Utility of Flash VEPs. <i>Pediatric Neurology</i> , March-April, 8 (2) 156.	CVI VEP
78. Matthew, C. G., (1996). Dense Vitreous Hemorrhages Predict Poor Visual. and Neurological Prognosis in Infants with Shaken Baby Syndrome. <i>J Pediatr Ophthalmol Strabismus</i> , July/Aug., 33: 260-265.	CVI Shaken baby
79. McKillop, E.C.A., Bennett, D., McDaid, G., Holland, B., Smith, G., Spowart, K. and Dutton, G. (2006). Problems experienced by children with cognitive visual dysfunction due to cerebral visual impairment – and the approaches which parents have adopted to deal with these problems. <i>British Journal of Ophthalmology</i> . 90:932-933.	CVI Parent Interviews
80. Mercuri, E. Atkinson, J., Braddock, O., Anker, S., Cowan, F., Rutherford, M., Pennock, J., Dubowitz, L. (1997). Visual function in full-term infants with hyposix- ischaemic encephalopathy. <i>Neuropediatrics</i> 28, 155-161	CVI Full-term
81. Michel, F. and Henaff, M. (2004) Seeing without the occipito-parietal cortex: simultanagnosia as a shrinkage of the attentional visual field. <i>Behavioural Neurology</i> 15, 3-13.	Bi-lateral parietal lobe lesions Simultanagnosia Functional tunnel vision
82. Morse, M. (1999) Cortical visual impairment. Some words of caution. <i>RE:view</i> , 1, 21-26.	CVI Education
83. Morse, M. (1991) Visual gaze behaviours: Considerations in working with visually impaired and multiply handicapped children. <i>RE:view</i> , 1, 5-15.	CVI Education
84. Mukherji, S. and Burges, SEP (2002) Visual field defects in adults secondary to pre-term delivery. <i>Eye</i> , 16, 321-322.	Prematurity Visual field
85. Pambakian, A. and Kennard, C. (1997) Can visual function be restored in patients with homonymous hemianopia? <i>Br J Ophthalmol</i> 81, 324-328.	Hemianopia

Reference	Summary/Key Words
86. Porro, G., Dekker, E., Van Nieuwenhuizen, O., Wittebol-Post, D., Schilder, M., Schenk-Rootlieb, A., Treffers, W. (1998) Visual behaviors of neurologically impaired children with cerebral visual impairment: an ethological study. <i>Br J Ophthalmol</i> 82, 1231-1235.	CVI Visual functions Cerebral palsy No fixation
87. Pavese, A., Coslett H., Saffran, E., Buxbaum, L. (2002) Limitations of attentional orienting. Effects of abrupt visual onsets on naming two objects in a patient with simultanagnosia. <i>Neuropsychologia</i> 40, 1097-1103.	Simultanagnosia Fixation
88. Pavlova, M., Sokolov, A., Birbaumer, N., Krägeloh-Mann, I (2006) Biological motion processing in adolescents with early periventricular brain damage. <i>Neuropsychologia</i> , 44, 586-593.	Motion perception PVL
89. Pavlova, M., Sokolov, A., Birbaumer, N., Krägeloh-Mann, I (2006) Visual navigation in adolescents with early periventricular lesions: knowing where, but not getting there. <i>Cerebral Cortex</i> , 1-7.	PVL Navigation Visual-spatial
90. Pavlova, M., Marconato, F., Sokolov, A., Braun, C., Birbaumer, N., Krägeloh-Mann, I. (2006) Periventricular leukomalacia specifically affects cortical MEG response to biological motion. <i>Ann Neurol</i> , 59, 415-419.	Motion perception PVL Cortical activity
91. Pavlova, M., Staudt, M., Sokolov, A., Birbaumer, N., Krägeloh-Mann, I. (2003) Perception and production of biological movement in patients with early periventricular brain lesions. <i>Brain</i> , 692-701.	Motion perception PVL
92. Powell, S. (1996). Neural-based Visual Stimulation with Infants with Cortical Impairment. <i>JOURNAL OF VISUAL IMPAIRMENT AND BLINDNESS</i> , Sept-Oct., 445-448. AFB: New York, NY	CVI
93. Rainville, C., Joubert, S., Felician, O., Chabanne, V., Ceccaldi, M., Peruch, P. (2005) Wayfinding in familiar and unfamiliar environments in a case of progressive topographical agnosia. <i>Neurocase</i> 11, 287-309.	Prosopagnosia Topographical agnosia
94. Roland, E.H., Jan, E.J., Hill, A., Wong, P. K., (1986). Cortical Visual Impairment Following Birth Asphyxia. <i>Pediatric Neurology</i> , Vol. 2: No 3, May-June: 133-137.	CVI

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95. Ross LM, Heron G, Mackie R, McWilliam R, Dutton GN (2000). Reduced accommodative function in dyskinetic cerebral palsy: a novel management strategy. <i>Dev Med Child Neurol</i> . Oct;42(10):701-3.	Accommodation
96. Rudanko SL, Fellman V, Laatikainen L (2003). Visual impairment in children born prematurely from 1972 through 1989. <i>Ophthalmology</i> . Aug;110(8):1639-45	CVI Prematurity
97. Safran, A. B. (2002). Direction-specific motion blindness induced by focal stimulation of human Extrastriate cortex. <i>European Journal of Neuroscience</i> , 15: 2043-2048.	Motion perception
98. Saffran, A., Achard, O., Duret, F., Landis, T. (1999) The 'thin man' phenomenon: a sign of cortical plasticity following inferior homonymous paracentral scotomas. <i>Br J Ophthalmol</i> 83, 137-142.	Scotomoa Distortion
99. Salati, R., Borgatti, R, Giammari, G., Jacobson, L. (2002). Oculomotor dysfunction in cerebral visual impairment following perinatal hypoxia. <i>Developmental Medicine and Child Neurology</i> , 44, 542-550.	Motion perception PVL Oculomotor
100. Scholl, B. (2001) Objects and attention: the state of the art. <i>Cognition</i> 80, 1-46.	Agnosias
101. Schultz, R., Gauthier, I., Klin, A. et al (2000). Abnormal ventral temporal cortical activity during face discrimination among individuals with autism and asperger syndrome. <i>Arch Gen Psychiatry</i> , 57, 331-340.	Prosopagnosia
102. Schwartz, S., Vuilleumier, P., Hutton, C., Maravita, A., Dolan, R., Driver, J. (2005) Attentional load and sensory competition in human vision: modulation of fMRI responses by load at fixation during task-irrelevant stimulation of the peripheral visual field. <i>Cerebral Cortex</i> 15, 770-786.	Visual attention fMRI Posterior parietal areas
103. Scott, J. and Egan, R. (2003) Prevalance of organic neuro-ophthalmologic disease in patients with functional vision loss. <i>Am J Ophthalmol</i> 135, 670-675.	Brain pathology associated with functional vision loss
104. Sie, L., Hart, A., van Hof, J., de Groot, L., Lems, W., Lafeber, H., Valk, J., van der Knaap, M. (2005) <i>Neuropediatrics</i> 36, 78-89.	White matter damage related to outcome at 1.5 years of age

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105. Simpson, W., Falkenberg, H., Manahilov, V. (2003) Sampling efficiency and internal noise for motion detection, discrimination and summation. <i>Vision Research</i> , 43, 2125-2132.	Motion perception
106. Soul, J., Robertson, R., Tzika, A., Plessis, A., Volpe, J. (2001) Time course of changes in diffusion-weighted magnetic resonance imaging in a case of neonatal encephalopathy with defined onset and duration of hypoxic-ischemic insult. <i>Pediatrics</i> 108(5), 1211-1214).	Newborn brain Hypoxia-ischemia
107. Stiers, P., van den Hout, B., Haers, M., Vanderkelen, R., Vries, L., van Mieuwenhuizen, O., Vandebussche, E. (2001) The variety of visual perceptual impairments in pre-school children with perinatal brain damage. <i>Brain & Development</i> 23, 333-348.	Children at risk of CVI had two or more visual dysfunctions – VI selective not pervasive.
108. Stiers, P., De Cock, P., Vandebussche, E. (1999) Separating visual perceptual and non-verbal intelligence in children with early brain injury. <i>Brain and Development</i> 21, 397-406.	Visual perception Non-verbal intelligence PVL
109. Suchoff, I. and Ciuffreda, K. (2004) A primer for the optometric management of unilateral spatial inattention. <i>Optometry</i> 75305-18.	Neglect
110. Suguma, S. and Eto, Y. (2003) Brainstem lesions in children with Perinatal brain injury. <i>Pediatric Neurology</i> 28(3), 212-215.	PVL Brain stem injury – typically difficult to detect
111. Teunisse, J. & De Gelder, B. (1994). Do autistics have a generalized face processing deficit? <i>The International Journal of Neuroscience</i> . 1-10).	Prosopagnosia
112. Uggetti, C., Egitto, M., Fazzi, E., Bianchi, P., Zappoli, F., Martelli, A., Lanzi, G. (1997) Transsynaptic degeneration of lateral geniculate bodies in blind children: in vivo MR demonstration. <i>Am J Neuroradiol</i> 18, 233-238.	Visual pathways MRI
113. Valenza, N., Murray, M., Ptak, R., Vuilleumier, P. (2004) The space of senses: impaired crossmodal interactions in a patient with Balint syndrome after bilateral parietal damage. <i>Neuropsychologia</i> 42, 1737-1748.	Balint Simultanagnosia Simultaneous visual/auditory/tactile integration depends on right parietal lobe.

Reference	Summary/Key Words
114. Vollmer, B., Roth, S., Riley, K., Sellwood, M., Baudin, J., Neville, B., Wyatt, J. (2006) <i>Developmental Medicine and Child Neurology</i> . 48, 348-352.	Prematurity PVL Increasing white matter damage = more impairments
115. Volpe, J. (2003) Cerebral white matter injury of the premature infant – more common than you think. <i>Pediatrics</i> 112 (1), 176-180.	PVL Prematurity PVL very common in preemies
116. van den Hout, B., Vries, L., Meiners, L., Stiers, P., van der Schouw, Y., Jennekens-Schinkel, A., Wittebol-Post, D., van der Linde, D., Vandebussche, E., van Nieuwenhuizen, O. (2004) Visual perceptual impairment in children at 5 years of age with Perinatal haemorrhagic or ischaemic brain damage in relation to cerebral magnetic resonance imaging. <i>Brain and Development</i> 26, 251-261.	PVL Children with hemorrhages function better than PVL children. PVL children with a preserved corpus callosum are less VI
117. Wassmer, E., Davies, P., Whitehouse, W., Green, S. (2003) Clinical spectrum associated with cerebella hypoplasia. <i>Pediatr Neurol</i> 28, 347-351.	Combination of speech delay, ataxia, hypotonia, autistic features, ocular signs ID'd cerebral hypoplasia 86% of the time.
118. Whiting, S., Jaer, J.E., Wong, P.K., Flodmark, O., Farrell, K., McCormick, A. Q., (1985). Permanent Cortical Visual Impairment in Children. <i>Developmental Medicine and Child Neurology</i> 27, 730-739.	CVI