NORA'S BIBLIOGRAPHY FOR TRAUMATIC BRAIN INJURY

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Revised January 2000 - [81 Topics]

Area 1  ACCOMMODATION

1. ACCOMMODATIVE DISORDER 387.5 (ICD-9-CM) A 16 - # 1 L,

2. Andrzejewska, Wanda and Baranowski-George, Teresa.
   ACCOMMODATION INSUFFICIENCY AFTER HEAD TRAUMA WITH

3. Apell, Richard J., O.D.; CLINICAL APPLICATION OF BELL RETINOSCOPY

4. Bieber, James C., O.D.; WHY NEARPOINT RETINOSCOPY WITH
   CHILDREN?, Optometric Weekly, Jan 17, 1974, p 23 -

   SHOWING SLOW ACCOMMODATIVE RESPONSES, Am J Optom &


   Optics, Vol 60, No 5, p 352 - 359.

8. Daum, K.M.; ORTHOPTIC TREATMENT IN PATIENTS WITH INERTIA OF

9. Daum, K.M.; ORTHOPTIC TREATMENT IN PATIENTS WITH INERTIA OF

10. Daum, K.M.; PREDICTING RESULTS IN THE ORTHOPTIC TREATMENT
    OF ACCOMMODATIVE DYSFUNCTION, Am J of Optometry &


24. SPASM OF ACCOMMODATION, P 469 - 482.


3. AMBLYOPIA 368.0 (ICD-9-CM) A 19 - # 1 m,

4. Bernard, Pierre V.; CONSTANT WEARING OF PRISMS IN TREATMENT OF CONCOMITANT STRABISMUS, P 283 - 291


6. Chryssanthou, Gabrielle; ORTHOPTIC MANAGEMENT OF INTERMITTENT EXOTROPIA, Department of Ophthalmology, Albert Einstein College of Medicine, April 5, 1973, p 69 - 72.


9. Cohen, Allen H. and Soden, Richard AN OPTOMETRIC APPROACH TO THE TREATMENT OF A NONCOMITANT DEVIATION Vol 54,


11. Etting, Gary L., O.D.; STRABISMUS THERAPY IN PRIVATE PRACTICE:
CURE RATES AFTER THREE MONTHS OF THERAPY, J of AOA, Vol 49, No 12, 12/78, p 1367 - 1373.

12. Fletcher, Mary C., MD and Silverman, Sheppy J., MD; STRABISMUS Department of Ophthalmology, Baylor University College of Medicine and the Orthoptic-Pleoptic Unit, Methodist Hospital p 86 - 94.


25. Guibor, George P., M.D.; PRACTICAL DETAILS IN THE ORTHOPTIC TREATMENT OF STRABISMUS, Department of Ophthalmology Northwestern University Medical School, June 14, 1934, p 879 - 901.


38. Noorden, Gunter K. von MD and Mackensen, Gunter, MD; PURSUIT MOVEMENTS OF NORMAL AND AMBLYOPIE EYES. Eye Clinic of the University of Tubingen, Germany.p 477 -487.


42. Selonow, Arkady, O.D.; Ciuffreda, Kenneth J., O.D., PhD.; VISION FUNCTION RECOVERY DURING ORTHOPTIC THERAPY IN AN ADULT ESOTROPIC AMBLYOPE, J of AOA, Vol 57, No 2, 2/86, p 132-140.


45. Wybar, Kenneth; THE USE OF PRISMS IN PRE-OPERATIVE AND POST-OPERATIVE TREATMENT, p 243 - 255.
Area 3  BINOCULARITY


<table>
<thead>
<tr>
<th>No.</th>
<th>Author(s)</th>
<th>Title</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Duke - Elders</td>
<td>SYSTEM OF OPHTHALMOLOGY Chapter 15 Binocular muscular anomalies—heterophoria</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>GENERAL BINOCULAR VISION DISORDER 368.30 (ICD-9-CM) A 10 - #1 o.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


27. Mazow, Malcom L.; Finkelman, Sandra; Frank, Jacqueline and Jenkins, Patricia ACUTE ACCOMMODATION AND CONVERGENCE INSUFFICIENCY. Tr Am Ophth. Soc. 137: 158-173, 1989


Area 4  BIOCHEMISTRY BALANCE (NUTRITION)

1. Bastien, Sheila  "MULTIPLE CHEMICAL SENSITIVITIES (MCS): WHAT IT IS, WHAT IT IS NOT, AND HOW IT IS MANIFESTED"

2. Conn, P. Jeffery,  METABOTROPIC GLUTAMATE RECEPTORS, Science and Medicine, Jan/Feb 1999.

3. Eck and Wilson  ADRENAL BURNOUT SYNDROME

4. Eck and Wilson  NUTITIONAL ASPECTS OF STRESS

5. Sutton, Albert  BALANCE IN VISION AND BIOCHEMISTRY IN THE NEUROLOGICALLY CHALLENGED


7. Wilson, Lawrence D.,  TRAUMATIC BRAIN INJURY and TISSUE MINERAL ANALYSIS, Analytical Research Labs, Inc.
Area 5  CEREBRAL INJURY


2. Glasgow Coma Scale ASSESSMENT OF CONSCIOUS LEVEL

3. Rancho Los Amigos Hospital THE LEVELS OF COGNITIVE FUNCTIONING

Area 6 Cerebral Palsey


AREA 8. ELECTRODIAGNOSTICS: VER, VEP, VECP, ERG, EDG, DA


5. Hargadine, Judy R.; Symon, Lindsay and Cone, Jeffrey D. : CENTRAL CONDUCTION TIME (CCT): A NEW TECHNIQUE FOR MONITORING CEREBRAL ISCHEMIA


8. Rappaport, Maurice, M.D., PhD.; Herrero-Backe, Christina, M.A.; Winterfield, Kevin; Rappaport, Mary Lou, RN; Hammerle, Anna V. VISION EVOKED POTENTIAL PATTERN ABNORMALITIES AND DISABILITY IN SEVERE TRAUMATICALLY BRAIN-INJURED PATIENTS. J. Head Trauma Rehabil., 4(2) : 45 - 52, 1989
Area 8 continued


2. Faden, Alan I; Demediuk, Paul; Panter, S. Scott; Vink, Robert. THE ROLE OF EXCITATORY AMINO ACIDS AND NMDA RECEPTORS IN TRAUMATIC BRAIN INJURY. Science, Vol. 244: 798 - 800.


AREA 10  LIFESTYLE CHANGES

1. Anderson, Evelyn;  SURVIVOR’S VOICE I’M NOT AS SMART AS I LOOK
2. Fisher, Beth, MS. PT;  EFFECT OF TRUNK CONTROL AND ALIGNMENT ON LIMB FUNCTION.  J. Head Trauma Rehabilitation, June 1987
3. Glasgow Coma Scale  ASSESSMENT OF CONSCIOUS LEVEL
4. Gottlieb Vision Group;  LIVING WITH VISION LOSS
5. Hillier, Carl, O.D.; Golden, Susan, B.S.N.; McDaniel, Nancy, B.S.W.;  THE ROAD LESS TRAVELED, A DOCTOR AND HIS PATIENTS PERSPECTIVE TO SEEKING CARE FOR TBI.  Traumatic Brain Injury Resources and Articles  A 16 - # 11,
7. Lehmann, Sandra N.;  ONE SURVIVOR’S OPINION
Area 11  Light therapy, Photoretinology, Color Therapy, Visible Ray Therapy, Chrome Orthoptics, Syntonic Therapy


1. Trevarthen, Colwyn and Sperry, RW. TWO MECHANISMS OF VISION IN PRIMATES. Center for Cognitive Studies, Harvard University, Psychologische Forschung 31, 299 - 337, Jan. 1968. A 19 - # 5,
AREA 13  MILD TRAUMATIC BRAIN INJURY (MTBI)


6. Jane, John A., MD, PhD, FRCS; Steward, Osward, PhD; Gennarelli, Thomas, MD. AXONAL DEGENERATION INDUCED BY EXPERIMENTAL NONINVASIVE MINOR HEAD INJURY. Journal of Neurosurgery, 62: 96 - 100, 1985.


AREA 13 (MTBI) continued


1. AOAOPTOMETRIC CARE OF THE PATIENT WITH ACQUIRED BRAIN INJURY


8. Hellerstein, Lynn Fishman, O.D., F.C.O.V.D. REHABILITATION PROFESSIONAL'S GUIDE TO POST TRAUMA VISION SYNDROME AND VISUAL MIDLINE SHIFT SYNDROME.

9. Kessler Institute NEURO-OPTOMETRIC REHABILITATION


AREA 16  OCULAR MOTOR (EYE MOVEMENTS)


19. Noorden, Gunter K. von MD and Mackensen, Gunter, MD; PURSUIT MOVEMENTS OF NORMAL AND AMBLYOPIC EYES. Eye Clinic of the University of Tubingen, Germany. p 477 - 487.
<table>
<thead>
<tr>
<th>No.</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.</td>
<td>OCULAR MOTOR DYSFUNCTION 379.57/379.58 (ICD-9-CM) (DEFICIENCIES OF SACCADIC AND OR PURSUIT MOVEMENTS) A 2 - # 23, A 19 - # 1 p,</td>
</tr>
<tr>
<td>27.</td>
<td>VARIATION OF EYE MOVEMENTS IN READING p 181 -93.</td>
</tr>
</tbody>
</table>
AREA 17 PERCEPTUAL / PHOTOPHOBIA


2. Gianutsos, Rosamond, PhD; Glosser, David MA; Elbaum, Jean MA; Vroman, Georgine M. PhD; VISUAL IMPERCEPTION IN BRAIN-INJURED ADULTS: MULTIFACETED MEASURES. Arch Phys Med Rehabil, Vol 64, October 1983 456 - 461.


6. OPTOMETRIC REHABILITATION OF THE HEAD TRAUMA PATIENT


1. Hellerstein, Lynn Fishman, O.D., F.C.O.V.D.; REHABILITATION PROFESSIONAL'S GUIDE TO POST TRAUMA VISION SYNDROME AND VISUAL MIDLINE SHIFT SYNDROME, office handout

2. Legge, Richard H., M.D. and Pillen, Kerri Dietz, O.D.; TRAUMATIC BRAIN INJURY RELATED VISUAL LOSS Nebraska Optometric Association

3. May, James M. and Smith, Janet Ruth; NEUROPSYCHOLOGICAL SCREENING FOR POST-TRAUMA VISION SYNDROME REFERRAL Presented at the NAN Convention, Nov. 1995.


AREA 19  REHABILITATION TEAM MEMBERS / CARE

1. HEAD TRAUMA ISSUE  Journal American Optometric association August 1992, Volume 63, Number 8


d. Vogel, Mark S. AN OVERVIEW OF HEAD TRAUMA FOR THE PRIMARY CARE PRACTITIONER,
   Part I. Etiology, Diagnosis, and Consequences of Head Trauma  537 - 541
   Part II. Ocular Damage Associated with Head Trauma.  559 - 563.

e. OPTOMETRIC CARE OF THE PATIENT WITH ACQUIRED BRAIN INJURY.

f. ASSESSMENT OF HIGHER CEREBRAL FUNCTION; A 20 - # 2,

g. OPTOMETRY THE PROFESSION

h. INFORMATION ON OPTOMETRIC VISION THERAPY A 22 - #7,

i. DEFINITION OF OPTOMETRIC VISION THERAPY A 22 - # 3,

j. EDUCATION OF THE DOCTOR OF OPTOMETRY

k. EDUCATION OF THE DOCTOR OF OPTOMETRY

l. EXTENDED SENSOREIMOTOR EVALUATION (OPTOMETRIC VISION THERAPY WORK-UP) A 22 - # 4,

m. ACCOMMODATIVE DISORDER 367.5 (ICD-9-CM) A 1 - # 1,

n. AMBLYOPIA 368.0 (ICD-9-CM) A 1 - # 2,
n. CONVERGENCE INSUFFICIENCY 378.83 (ICD-9-CM) A 2 - #8,
2. GENERAL BINOCULAR VISION DISORDER 368.30 (ICD-9-CM) A 2 - #9,
2. OCULAR MOTOR DYSFUNCTION 379.57/379.58 (ICD-9-CM)
   (DEFICIENCIES OF SACCADIC AND OR PURSUIT MOVEMENTS)
   A 2 - #23, A 13 - #5,
3. STRABISMUS 378 (ICD-9-CM) EXOTROPIA–378.1, ESOTROPIA–378.0
2. Ashley, Mark J., Krych, David K., Edited by: TRAUMATIC BRAIN INJURY
   REHABILITATION, P185-220.
3. Bailey, Alan, O.D., M.S., F.A.A.O.; OPTOMETRIC CARE FOR THE MULTI-
   HANDICAPPED CHILD, J of Low Vision and Neuro-Optometric
4. Baxstrom, Curtis R., MA, OD, FCVO, FAAO; VISUAL, SPATIAL, AND
   POSTURAL CONSIDERATIONS IN TRAUMATIC BRAIN INJURIES,
   Presented at NORA 1998, 6 pages.
5. Bennett, G. Richard, OD, Blondin, Matthew, OD, and Ruskiewicz,
   Joseph, OD, MPH; INCIDENCE AND PREVALENCE OF SELECTED
   VISUAL CONDITIONS. Jr. of AOA, Vol 53, # 8, 8/82, p 647 - 656.
6. Bigler, Erin D. NEUROPATHOLOGY OF ACQUIRED CEREBRAL TRAUMA
   Journal of Learning Disab. Vol. 20, Number 8, October 1987, 458
   - 473.
7. Biser, Sam; A NATURAL THERAPY THAT IMPROVES THE FUNCTIONING
   OF YOUR BRAIN, Special issue of Herbal Therapy for serious
   illness, University of Natural Healing, 1-800-926-4561
8. Dillon, James, C., O.D.; Radou, Michael C., O.D.; YOUR PLACE ON
   illness, University of Natural Healing, 1-800-926-4561
8. Dillon, James, C., O.D.; Radou, Michael C., O.D.; YOUR PLACE ON
   THE REHABILITATION TEAM, Review of Optometry, Aug. 15,
   1998, p 77-83.
9. Einhorn, Norman P., O.D., M.S.; NEURO-OPTOMETRY AS A LOGICAL
   LINK TO VISUAL REHAB. 20/20's Optometry Today supplement


23. Hotchner, Dr. Kirby; WHOLISTIC TREATMENT OF PATIENTS WITH NEUROLOGICAL DISEASE, Presented at NORA 1998. 5 pages.

24. Jose, Dr. Randy; THE STANDARD LOW VISION EXAMINATION, Presented at NORA 1999, 10 pages.


29. Koslowe, K., O.D., M.S.; Yinon, U., PhD.; Arda, H., M.A.; Aminadav, C., PhD; Merrick, J., M.D.; A MULTIDISCIPLINARY DIAGNOSTIC &
AREA 19 continued


31. Lane, Judy, M.D., POST-TRAUMATIC HEADACHES, Presented at NORA 1999, 2 pages.


34. Lieberman, Steven, OD; THE PREVALENCE OF VISUAL DIORDERS IN A SCHOOL FOR EMOTIONALLY DISTURBED CHILDREN. J of AOA, Vol 56, # 10, 10/85. p 800 - 803.


<table>
<thead>
<tr>
<th>No.</th>
<th>Author(s)</th>
<th>Title</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Murray, William</td>
<td>POTENTIAL HEALTH HAZARDS OF VIDEO DISPLAY TERMINALS</td>
<td>NIOSH study, June 1981. 75 pages.</td>
</tr>
<tr>
<td>43</td>
<td>Padula, William, O.D.; Grab, Dianne Simmons, M.A.</td>
<td>VISION REHABILITATION FOLLOWING A NEUROLOGICAL EVENT</td>
<td>The Rehabilitation Professional, July/August 1999, p 14 - 17.</td>
</tr>
<tr>
<td>44</td>
<td>Parente, Rick, PhD; Anderson-Parente, Janet K., PhD; Shaw, Beckee</td>
<td>RETRAINING THE MIND'S EYE</td>
<td>J. Head Trauma Rehabil 1989,4(2);53 - 62.</td>
</tr>
<tr>
<td>46</td>
<td>Roberts, Arthur C., M.D.</td>
<td>LITIGATING HEAD TRAUMA CASES</td>
<td>1991 Supplement</td>
</tr>
<tr>
<td>48</td>
<td>Rouse, Michael W., OD, MsEd</td>
<td>SYMPOSIUM: VISION AND LEARNING</td>
<td>Jr. of Optometric Vision Development Vol 30 #3, Fall 1999, P 103 - 104.</td>
</tr>
<tr>
<td>49</td>
<td>Rowe, Nancy W., M.S., FAAA</td>
<td>CENTRAL AUDITORY PROCESSING DISORDERS</td>
<td>Presented at NORA 1998, 7 pages.</td>
</tr>
</tbody>
</table>


57. State of Colorado Department of Labor and Employment Division of Workers' Compensation; TRAUMATIC BRAIN INJURY MEDICAL TREATMENT GUIDELINES March 15, 1998. 7CCR 11-1-3.


AREA 20  STROKE PATIENTS


4. Moore, Jo C., PhD, OTR, DSc(Hon) SPATIOTEMPORAL ORIENTATION AND THE VESTIBULO-OCULO-CERVICAL TRIAD, Presented at NORA 1999, 47 pages.

5. Patullo, Thomas, OTR/L; Anderson, Lori T., OTR/L; IMPROVING FUNCTIONAL ABILITY IN PEOPLE WITH VESTIBULAR DISORDERS: THE OCCUPATIONAL THERAPY ROLE, presented at NORA 1998, 2 pages.


5. Gottlieb Vision Group, **THE VISUAL FIELD AWARENESS SYSTEM,** 2 p.


7. Legge, Richard H., M.D. and Pillen, Kerri Dietz, O.D. **TRAUMATIC BRAIN INJURY RELATED VISUAL LOSS.** The Nebraska Optometric Assn. a 10 - # 9, a 15 - # 2,


10. Margolis, Neil W., O.D., FAAO, FCVO; **NEGLECT TRAINING AND COMPENSATION, 4 PAGES.**


13. Vicci, Vincent R. Jr., O.D., P.A. FRESNEL PRISM AWARENESS SYSTEM


2. Aksionoff, Elizabeth B., O.D. and Falk, Naomi S., O.D. THE DIFFERENTIAL DIAGNOSIS OF PERCEPTUAL DEFICITS IN TRAUMATIC BRAIN INJURY PATIENTS

3. ASSESSMENT OF HIGHER CEREBRAL FUNCTION A 16 - # 1 f,


12. Gianutsos, Rosamond, PhD; DRIVING AND VISUAL INFORMATION PROCESSING IN COGNITIVELY AT RISK AND OLDER INDIVIDUALS.


17. Rancho Los Amigos Hospital THE LEVELS OF COGNITIVE FUNCTIONING

18. Raymond Michael J., Bennett Thomas L, Malia, Kit B., Bewick, Kristin C.; REHABILITATION OF VISUAL PROCESSING DEFICITS FOLLOWING BRAIN INJURY Neuro-Rehabilitation 6(1996) 239 - 240


21. Trueblood, Bill; THE THEORY AND PRACTICE OF NEUROPSYCHOLOGICAL ASSESSMENT/EXECUTIVE FUNCTION.


1. Fong, Don, O.D.; A RECOMMENDED EXAMINATION AND TREATMENT GUIDELINES FOR VISUAL MIDLINE SHIFT SYNDROME (VMSS)

2. Hellerstein, Lynn Fishman, O.D., F.C.O.V.D.; REHABILITATION PROFESSIONAL'S GUIDE TO POST TRAUMA VISION SYNDROME AND VISUAL MIDLINE SHIFT SYNDROME, office handout


4. Padula, William V. and Argyris, Stephanie; POST TRAUMA VISION SYNDROME AND VISUAL MIDLINE SHIFT SYNDROME NeuroRehabilitation 6 (1996) 165 - 171
AREA 25 VISION THERAPY FOR TBI


4. DEFINITION OF OPTOMETRIC VISION THERAPY A 16 - # 1 b


6. EXTENDED SENSEIMOTOR EVALUATION (OPTOMETRIC VISION THERAPY WORK-UP) A 16 - # 1 k


11. INFORMATION ON OPTOMETRIC VISION THERAPY A 16 - # 1 h


17. Schnell, Rita DeSim, OTR/L; A VITAL PART OF REHAB. OT Week, July 2, 1992. 28-29.


21. Stegall, Frankie W., BS; ORTHOPTIC ASPECTS OF NYSTAGMUS. Presented as a Symposium at the joint meeting of the American Orthoptic Council and the American Association of Certified Orthoptics, Dallas, Sept 24, 1972, p 30-34.


AREA 26  WHIPLASH


11. Middleton, J. Myron.; OPTHALMIC ASPECTS OF WHIPLASH INJURIES.
Area 26 continued.

International Record of Medicine, 169(1): 19 - 20, January 1956.

CONCUSSION FROM HEAD IMPACT AND WHIPLASH IN
PRIMATES. J. Biomechanics, Pergamon Press. 1971, Great

13. Ommaya, Ayub K. FRCS; Fans, Fred, Md; Yarnell, Philip, MD; WHIPLASH
INJURY AND BRAIN DAMAGE, AN EXPERIMENTAL STUDY. J. of
the AMA. Vol. 204, No. 3, April 22, 1968: 75 - 79.

14. Ommaya, Ayub, K and Yarnell, Philip. SUBDURAL HEMATOMA AFTER
WHIPLASH INJURY. The Lancet, Aug. 2, 1969; 2(6140): 237 -
239.

15. Roca, P.D.; OCULAR MANIFESTATIONS OF WHIPLASH INJURIES.

16. Roy, Raymond; THE ROLE OF BINOCULAR STRESS IN THE
POST-WHIPLASH SYNDROME.

17. Savastano, AA and Larkin, Donald F.; WHIPLASH INJURIES.
Rhode Island Medical Journal, 220 - 222.

18. Wiesinger, Herbert and Guerry, Dupont. THE OCULAR ASPECTS OF
WHIPLASH INJURY. Virginia Medical Monthly, 89: 165 - 168,
March 1962.

19. Yarnell, Philip R., MD; Rossie, George V. PhD; MINOR WHIPLASH HEAD
INJURY WITH MAJOR DEBILITATION. Brain Injury, 1988, Vol 2,
No 4, 255 - 258.

No 4, 255 - 258.