

Protocol for Neurological Assessment: Stimulus intensity should be approximately 90 dB peak equivalent SPL. One slow rate of 25/sec or less and a faster rate of 50/sec or more should be used. All averages should be replicated until the latencies of principal peaks are within 0.2 msec of each other.

III) THE ABR AS SCREENING TEST FOR AUDIOLOGICAL EVALUATION:

The same minimal requirements as for neurological evaluation are recommended with the following additions and exceptions:

1. Sedation of infants may be necessary.
2. Capability to present bone-conducted signals should be available.
3. Collodion should not be used to affix electrodes to pre-mature or full-term newborn infants because of their fragile skin as compared to the skin of adults.
4. Earphone bands and standard earphone cushions customarily used in adults can cause collapse of the ear canal in neonates. Holding the earphone gently against the ear can avoid this problem.
5. Each ear should be tested separately, using contralateral noise masking if the thresholds differ significantly. Several intensity levels should be tested to cover both suprathreshold and threshold levels.

IV) THE ABR AS A FREQUENCY-SPECIFIC AUDIOLOGICAL TEST:

There are two general approaches to frequency selectivity, one by shaping the stimulus (tone bursts or filtered clicks), the other by masking undesired frequencies (notched noise, derived responses). There was no consensus on the method of choice but full agreement on the need for further experimental and clinical evidence to evaluate the compromises that are inherent in each method. There is the possibility that other

evoked potential components may be more suitable for audiological testing.

The following organizations and individuals were involved in the preparation of these recommendations: American Academy of Neurology (Keith Chiappa), American Academy of Otolaryngology (Derald Brackman), (William Melnick), American Auditory Society (Hiroshi Shimizu), American Electroencephalographic Society (Alfred Coats), American Speech-Language-Hearing Society (ASHA) (Charles Berlin), British Audiological Society (Roger Thornton, Alex Salt), Canadian Society of Clinical Neurophysiologists (Terence Picton), Israeli Societies of Audiology and Otorhinolaryngology (Chaim Sohmer), Japan Audiological Society The Otorhinolaryngology Society of Japan (Jun-ichi Suzuki), Scandinavian Audiological Society (Erik Borg), Other Participants Hallowell Davis, Manuel Don, Robert Galambos, Kurt Hecox, James Jerger, John Rowe III, Arnold Starr, James Stockard, Aaron Thornton.

Dr. R.S. McLachlan has joined the Epilepsy Unit in the Department of Clinical Neurological Sciences, University Hospital, London, Ontario. A graduate of the University of Western Ontario, Dr. McLachlan spent the last two years as a Medical Research Council (MRC) Fellow at the Montreal Neurological Institute. A Career Scientist Award from the Ontario Ministry of Health will allow him to continue his research into the neurophysiology of epilepsy.

Calendar of Events

November 13-17, 1983. Sixth Asian and Oceanic Congress of Neurology, Taipei, Taiwan. Contact: Secretariat, 6th AOCN, c/o Formosa Holiday, Box 68 - 439, Taipei, Taiwan, Republic of China.

November 20-25, 1983, Sixth Asian-Australian Congress of Neurological Surgery, Hong Kong. Contact: Dr. Stanley Cheung, Rm. 1007, Hang Seng Bank Bldg., Carnarvon Rd., Kowloon, Hong Kong.

24 au 27 novembre 1983. La réunion de la Société de Neurologie Infantile, (comprenant les neuropédiatres de langue français, Belges, Espagnols, Français, Italiens, Luxembourgs, Portugais, Suisses français) se tiendra à Madrid. Thème principal: neuroophthalmologie. Communications libres. Leux qui désirent participer à la réunion peuvent s'adresser au Président de la Société: Prof. G.B. Cavazzuti, Clinica Pediatrica, Università de Modena, h 1100, Modena, Italie.

January 22-28, 1984. 11th Annual Meeting, Southern Clinical Neurological Society. "Advances in Neurology", Sheraton Hotel, Mallards Beach, Ocho Rios, Jamaica. Contact: Millie F. Walden, Executive Secretary, Southern Clinical Neuro-

logical Society, 3425 S.W. 2nd Avenue, #153, Gainesville, Florida, 32607.

March 11-16, 1984. Fifteenth Annual Meeting of the American Society for Neurochemistry, Portland, Oregon. Deadline for receipt of abstracts is December 1, 1983. Contact: Lawrence F. Eng, Ph.D., Program Committee Chair, Pathology Research (151B), V.A. Medical Center, 3801 Miranda Avenue, Palo Alto, CA. 94304.

April 8-14, 1984. American Academy of Neurology, Boston, M.A. Contact: American Academy of Neurology, 2221 University Ave. S.E., Suite 335, Minneapolis, MN 55414.

June 26-30, 1983. XIX Canadian Congress of Neurological Sciences, Edmonton, Alberta. Contact: Dr. Ken Petruc, 11102 Clinical Sciences Building, University of Alberta, Edmonton, Alta. T6G 2N6.

September 27-30, 1984. Synapse-50. Montreal. Contact: Synapse-50, Montreal Neurological Institute and Hospital, 3801 University Street, Room 638, Montreal, Quebec H3A 2B4.

August 1985. 13th International Congress of Biochemistry. Amsterdam, The Netherlands.