Pract. oto-rhino-laryng. 1963;25:349

Postnatal Changes in Vestibular Reactions

J.J.

Groen

Utrecht

Author's address: Dr. J. J. Groen, Marislaan 30, Utrecht (Netherlands)

The postnatal changes in vestibular reactions seem to point to the fact that initially the vestibulo-ocular system is solely commanded by the peripheral vestibular organs, giving rise to after-phenomena of long duration. These are in accordance with theoretical values based on anatomical data. Also they are in agreement with the responses of a severe case of potential motion sickness.

The development of nystagmus and inhibition of these responses follow in the postnatal period of the normal individual. This is demonstrated using the clinical turning test in human and animal test subjects.

Pract. oto-rhino-laryng. 25: 349 (1963)

From the Ear, Nose and Throat Department of the University Hospital, Leyden (lead: Prof. Dr. H. A. E. van Dishoeck)

Injury of the Ossicular Chain by Myringotomy

By P. H. SCHMIDT and J. BEEKMANS

Three patients are described where the ossicular chain was found interrupted.

The long process of the incus as well as the superstructure of the stapes were missing. In those three cases the complaints had started years ago after an acute otitis media treated by myringotomy.

It is suggested that the ossicular chain was damaged by a myringotomy which was done high in the posterior quadrant. As, in the experience of the authors, a polyethylene strut placed between a mobile footplate and the malleus slips off too often, a modification of that method was used for restoration of the hearing.

A piece of polyethylene (p.e. 90, about 8 mm long) with a flaring tip was placed on the footplate with the flaring end in contact with the tympanic membrane. The chorda was placed in a slit in the polyethylene columella in order to keep it in place.

Author's address: Dr. P. H. Schmidt and J. Beekmans, Ear, Nose and Throat Department of the University Hospital, Leyden (Netherlands).