DISCUSSION TO 80, 81 AND 82

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By using “Blindfolded vertical writing test with changes in head position (Fukuda and Hinoki)”, 100 patients with head injury were examined, and the following results were obtained: in examining patients suffering from post-traumatic vertigo, the test reported here was found to be unique in that this test could indicate objectively the presence of positional vertigo in high incidence, and that when this test was compared with the test for positional nystagmus in the patients in whom both two tests mentioned above were carried out, the former test was more accurate and reliable than the latter test in the manifestation of latent abnormality of the equilibrium system in case of head injury.

Furthermore, worthy of note is the fact that by means of the writing test reported here the clinical cure of post-traumatic vertigo could be objectively evidenced by disappearance or decrease in degree of deviations in writing in all the head positions taken.

(2)

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1. In studying vertigo due to head injury from the point of view of equilibrium in humans, a new arrangement of vestibular examination (Fukuda) was found to be unique in that it could reveal new facts which had never been observed by means of vestibular examination using experimental nystagmus as a main indicator of reaction. Especially, it is worth noting that using “Blindfolded vertical writing test” and “Stepping test” (Fukuda), latent abnormality of the equilibrium system in case of head injury could be manifested in high incidence and that the improvement of post-traumatic vertigo could be clearly demonstrated by disappearance or decrease in degree of deviation in writing as well as in stepping, whereas the aggravation of it could be indicated by appearance or