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50 Years of Strabismus Treatment in Vienna, Austria

Abstract:

Starting to study strabismology, our patients were only children and the main topic was amblyopia. The treatment by occlusion and other methods had only partially good results dependent on the children's age. But too long occlusion of one eye may destroy binocular functions and cause diplopia. Since the invention of press-on prisms we could treat both, vision and eye position the same time. In the following years we learned that elderly patients began to squint convergent with increasing age: "Strabismus convergens des Presbyopenalters" (1976). A lot of new patients gathered for prism treatment or operation. And, of course, our former young patients became older, the eye position could change again and presbyopia may arise before physiological time due to accommodation deficits. These common problems and sometimes much more difficult tasks of neuroophthalmology we could solve only by registration of micromotility of the eyes by our device for binocular infrared reflexion oculography. Thus we had better insight e.g. for cases. of whiplash injury or m. Parkinson, for the effect of light deprivation or for binocularity in senile maculopathy.

Key words: Amblyopia, binocularity, visual deprivation, micromotility, diplopia

Biography: Born and studied in Vienna, graduation 1962. Education and working all the time at the first Eye Clinic under the leaders Prof. Pillat, Hruby and Freyler. 1966-1967 8 months as a guest in St. Gallen, Switzerland with Prof. Bangerter and Otto. From 1996 to 2014 only working in my private office. Married, one daughter.