

原著

## 光学的視能矯正の適応 -膜プリズム-

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## Application of the Membrane Fresnel Prism in Orthoptic Treatment

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### Abstract

The membrane Fresnel prism was employed in the treatment of four cases with abnormal head posture or diplopia. These patients, respectively, suffered from eccentric nystagmus, general fibrosis syndrome, paralytic exotropia and esotropia after removal of a cerebellar tumor. The prism glasses were worn for three months to six years and their effect on visual acuity, deviation and binocular visual function were evaluated. Orthoptic treatment employing the membrane Fresnel prism has proved to be an effective and valuable method.

### 要約

頭位異常または複視を伴った眼位性眼振, general fibrosis syndrome, 麻痺性外斜視および小脳腫瘍摘出後の内斜視の4症例を対象にして膜プリズム療法を行った. 膜プリズム眼鏡を装用して、3ヵ月-6年で頭位異常あるいは複視が軽減し、視力、眼位、両眼視機能の改善が認められた. フレネル膜プリズムを用いた光学的視能矯正は、適応範囲が広く視機能の改善に有用な方法である.