MARCUS GUNN PHENOMENON ASSOCIATED WITH SYNKINETIC OCULO-PALPEBRAL MOVEMENTS*

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The Marcus Gunn phenomenon is a well-known clinical entity wherein abnormal palpebral movements are associated with movements of the jaw.

No record has been found in the literature of a case in which an associated concomitant convergent strabismus corrected itself automatically with the elevation of the ipsilateral ptotic lid when the jaw was opened or when ptosis was passively or surgically corrected.

A case showing this congenital anomaly is described below.

Case Report

A female aged 16 years had a partial congenital ptosis of the left upper lid with concomitant convergent strabismus of about 15° on the same side (Fig. 1). Movements of both the eyes were normal. On opening the jaw or twisting the mouth to the right (i.e. to the opposite side), the ptosis and the squint corrected themselves (Figs 2 and 3).

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566
On twisting the mouth to the left (i.e. to the same side), the ptosis and the squint
remained unaffected (Fig. 4).

When the left upper lid was lifted passively, the squint also disappeared (Fig. 5).
After a Blaskovicz operation to the left upper lid, the ptosis as well as the squint was
corrected (Fig. 6).

Fig. 4.—On twisting the mouth to the same side, the ptosis and convergence are
unaffected.

Fig. 5.—On passively lifting the ptotic lid the convergence is corrected.

Fig. 6.—After surgical correction of the left ptotic lid, the convergence was auto-
matically corrected.

Summary

A case is reported with unilateral congenital ptosis of the Marcus Gunn
type with the unusual accompaniment of convergent strabismus in the same
eye.

Elevation of the ptotic lid was followed by the automatic correction of
the convergent strabismus.

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