

TWO CASE REPORTS:

SUPERIOR OBLIQUE TENDON SHEATH SYNDROME IN SIBLINGS

Penelope Monteath (Newcastle)

Two cases of apparent superior oblique tendon sheath syndrome are reported here.

Sheree W., 5 years old, presented in July 1976 with a history of turning her left eye outward on looking up since the age of three years.

Cover test for near: tiny exophoria with rapid recovery
Cover test, 6 metres: no deviation
Ocular movements: defective upward movement of left eye, most marked in adduction,

The Hess screen showed some restriction of left adduction in elevation, and orthophoria in depression, restriction of upward movement of the left eye particularly in adduction, and overaction of the right superior rectus, typical of left superior oblique tendon sheath syndrome. (Fig.1)

The interesting feature here is that on the same day her younger sister Karen, 3 years old, presented with a history of turning her left eye on looking up, noticed during the past 12 months. She showed no deviation in the primary position on cover test, but there was defective upward movement of the left eye particularly in adduction, with the same deviation, as reported by her mother. Her Hess chart gave a similar picture to that of her sister, except that the outward deviation was more marked. (Fig.2)

Both children have full binocular vision, equal visual acuity, and no abnormal head posture. Their mother knew of no eye muscle problems in other members of the family.

Have there been any other reports of congenital defects of this nature evident in siblings?

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