

Advanced strabismus surgery: Working on the sound eye

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ABSTRACT

In sensory heterotropia, the angle of deviation is usually inconstant and the surgical results are less predictable than in eyes with normal visual acuity. Patients with sensory heterotropia usually refuse surgery on the sound eye as they are really dependent on it. However, in cases of sensory heterotropia with previous unsatisfactory strabismus surgeries, it is sometimes very difficult to re-operate on the deviated eye because of adhesions resulted from the previous surgeries, and it is often impossible to re-recess a maximally recessed muscle or re-resect a maximally resected muscle. For these reasons, some physicians are operating on the sound eye and this relies on Herring's law of equal simultaneous innervations for synergistic muscles in both eyes. This study is conducted to patients undergoing surgical correction for unilateral sensory horizontal strabismus and the aim is to evaluate the outcome of sound eye instead of the deviated eye surgery for correcting unilateral sensory strabismus. Surgery on the sound eye could be a good alternative in many cases.

BIOGRAPHY

Gamal Sobhy has completed his PhD at the age of 26 years from Cairo University, Egypt. He is the Director of Strabismus Unit, Memorial Institute for Ophthalmic Research, Egypt. He is a member of the EGPEs and a lecturer of fellowship of the Egyptian Board.

