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SQUINT SURGERY

Grave's orbitopathy (GO) is the most common cause of restrictive strabismus characterised by congestion and inflammation of the orbit and particularly the EOM.

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As the EOM swell and progressively became fibrotic, the ocular rotation of the globe became limited, inducing diplopia, the most disabling symptom.

The most frequently affected EOM is the inferior rectus, followed by the medial rectus. Frequently both vertical and horizontal problems coexist, and usually with an asymmetric involvement.

Surgical procedure to correct Eye deviation should not be performed before complete inactivation of the orbital inflammation. The eye deviation should be stable for at least 4 to 6 months.

The preoperative evaluation should include an assessment of the degree of restriction(forced duction), muscle function(force generation) and the condition of the surrounding tissue(particularly post orbital decompression). The different methods of evaluations will be presented and discussed.

The overriding principle in treating restrictive strabismus is to relieve the restriction, generally accomplished with muscle-loosening/weakening procedures such recession. Different Surgical approach will be discussed in the most common GO situations.

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