



New concept for Severe Blepharoptosis Correction : Inferior Whitnall's ligament Sling

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■Abstract

Several methods have been developed for blepharoptosis correction surgery consists of Conjunctivo-Mullerectomy, Levator Plication or Resection, and Frontalis muscle sling.

In case of Severe ptosis, correction itself is not easy but sequales of lagophthalmos and exposure keratitis are hard question.

We consider the inferior Whitnall's ligament that forms sleeve for Levator muscle movement together with Superior Whitnall's ligament as 'mobile fulcrum'.

We applied inferior component of Whitnall's ligament as internal sling for correction of severe ptosis.

The operation method has proven to be effective, and it may be considered as alternative sling method for ptosis patient with who has moderate ~ poor levator muscle function.

However, long-term follow up result has not been clarified now, and further study will be needed in the future.