

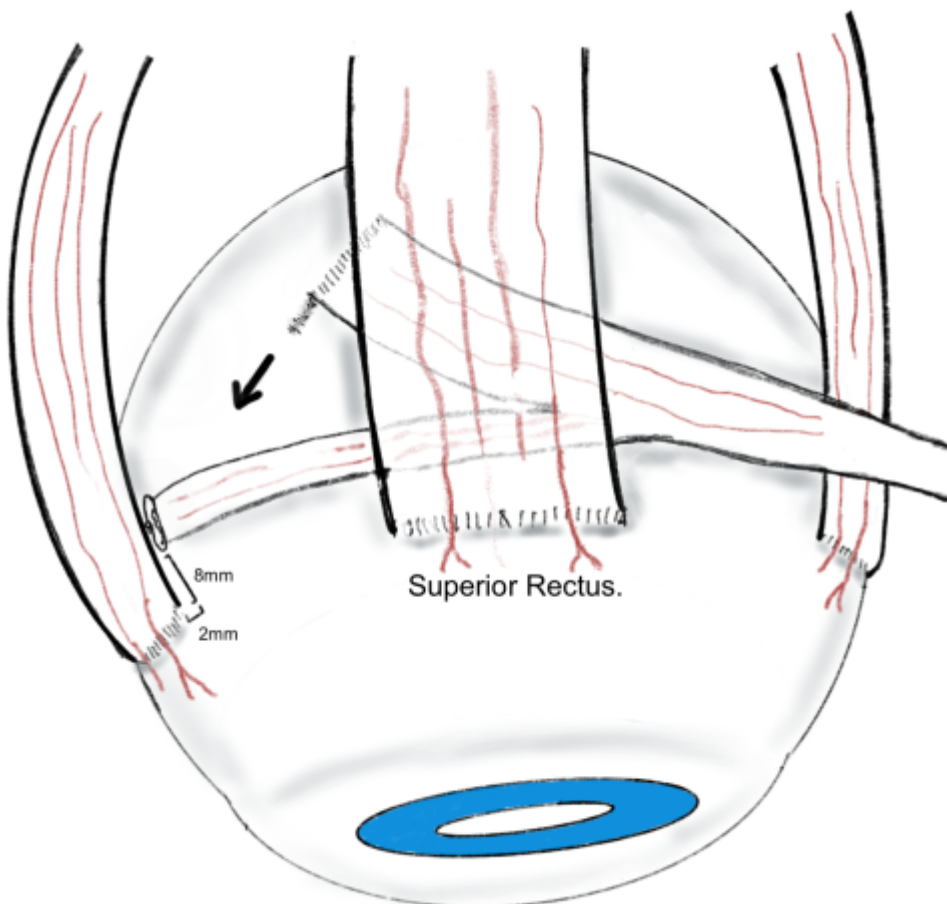
# Harada-Ito Procedure

## Purpose

- Strengthen Incyclotorsion effect of the Superior Oblique without affecting vertical alignment
- Most useful with a functioning superior oblique and excyclotorsion present
- Can create 10-15 degrees of incyclotorsion
- The effect may wain 20-30% with time

## Description

Transpose the anterior 1/3 to 1/2 of the superior oblique tendon fibers to the superior border of the lateral rectus muscle. Fixate the tendon 8 mm posterior to and 2 mm superior to the superior border of the lateral rectus muscle. Tightening only the radially oriented fibers will avoid a significant change in vertical deviation but there may be an exoshift in down-gaze.



# References

## Book Chapters

Harada-Ito Procedure In Clinical Strabismus Management, Principles and Surgical Techniques. pages 469-473 by Rosenbaum and Santiago, 1999

Harada-Ito Procedure in Strabismus Surgery and its Complications. pages 122-124. Coats and Olitsky, 2007

## Journal Articles

Outcomes of Harada-Ito surgery for acquired torsional diplopia. Bradfield et al. 2012

Adjustable Harada-Ito Procedure. Metz & Lerner 1981

Long-Term Torsion Effect of the Adjustable Harada-Ito Procedure. Nishimura & Rosenbaum 2002

[strabismus surgery](#)

From:

<https://www.childreneye.org/wiki/> - **Children's Eye Wiki**

Permanent link:

[https://www.childreneye.org/wiki/doku.php?id=harada\\_ito](https://www.childreneye.org/wiki/doku.php?id=harada_ito)

Last update: **2022/02/12 09:33**

