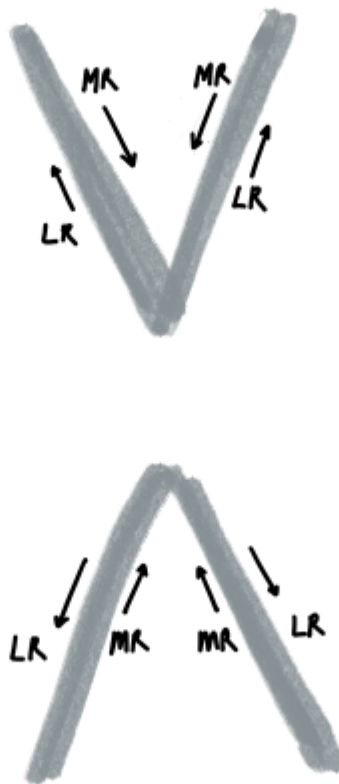


Surgery for A and V Patterns

- For an A or V pattern without significant oblique dysfunction, moving the horizontal rectus vertically at the time of strabismus surgery can eliminate the pattern
- A-Pattern
 - > 10 Prism Diopters in Upgaze vs Downgaze
 - Move the medials UP 1/2 to 1 tendon width
 - Move the laterals DOWN 1/2 to 1 tendon width
- V-Pattern
 - > 15 Prism Diopters in Upgaze vs Downgaze
 - Move the medials DOWN 1/2 to 1 tendon width
 - Move the laterals UP 1/2 to 1 tendon width
- Surgery on the appropriate oblique muscles if they are dysfunctional can also treat the pattern
- References:
 - [The Effect of Vertical Displacement of Horizontal Muscles on the Deviation in Primary Position. Kutsche and Keech 1988.](#)
 - [Vertical offsets of horizontal recti muscles in the management of A and V pattern strabismus. Scott, Drummond, Keech 1989.](#)



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