



CSI: Astigmatism post TORIC

Handout

Dr. Braga-Mele

DDx: Residual cyl

- **Inaccurate measurements/data**

- Dry eyes (as always)
- Basement membrane dystrophy, ...
- Irregular astigmatism (Konus and other ectasia, pterygium, Salzmann, ...)
- Contact lens warpage
- Not taking into account the posterior cornea
- Axis not taken from the topo
- Inaccurate ELP
- Wrong SIA or abnormal wound (too central, distorted++, burned, sutured...)

- **Tilted IOL**

- Sector of weak zonules
- Not fully in the bag
- Material/fragments left in the bag
- Haptic not fully deployed, stuck behind lens
- Sector of contraction of the capsule
- Iris cyst?

- **Wrong orientation**

- Errors from the surgeons (marked when patient supine, head tilt, wrong orientation of the marker, confused the IOL axis w the main wound axis on the printout...)
- Rotated IOL
 - Big bag in a big myopic eye, w/o tension ring
 - OVD left
 - While hydrating the wounds
 - Patient's fault (trauma, or went to his yoga class...)

- **Inaccurate IOL**

- Mislabelling
- Wrongly picked
- Wrong patient (same last name, etc)

Causes of Residual Astigmatism

Wrong Location

Poor Measurements

Poor Calculations

Surprising SIA

Posterior Ks

IOL Rotated

Poor IOL Placement



Rotate IOL

Will Rotating IOL Help?

Remember:
astigmatismfix.com

Wrong Lens

Poor Measurements

Poor Calculations

Surprising SIA

Posterior Ks



IOL Xchange or LVC