

TOPOGRAPHY AND TEARFILM ANALYSIS

The purpose of corneal topography is to produce a detailed description of the shape and power of the cornea. Using computerized imaging technology, the 3-dimensional map produced by the corneal topographer aids our ability to diagnose , monitor and treat various visual conditions. The procedure itself is a painless, brief



non contact examination . Corneal topography is not a routine test. Rather, it is used in diagnosing certain types of problems, in evaluating a disease’s progression, in fitting some types of contact lenses, and in planning surgery. The assessment for dry eye symptoms or rosacea may also include tests of the tear film, the oil glands of the lid and the overall function of the front surface of the eye. These tests include a video analysis of the tear film, and the stability of the tear film .

The testing may be used prior to your assessment for surgery or for some of the conditions listed above such as rosacea, dry eye , contact lens issues and corneal problems. Dr Deans will usually indicate one of more of the indications for the testing .

1. Cornea problem or Dry Eye
2. Rosacea or Lid Margin inflammation
3. Preop or Post op Assessment - Lid Surgery
4. Chalazion surgery or Conjunctival Surgery, Scarring or Inflammation

The purpose of the tests is to either help with the assessment prior to surgery, or to check on the condition of the eye before or after treatment . . The cost of the test is not covered by OHIP and will cost from \$65- \$80. The test is painless and relatively brief. No drops are used for the tests .

