

THE COLVARD PUPILLOMETER



SUGGESTED OPERATION OF THE COLVARD PUPILLOMETER

As pupil size continues to play a significant role in the outcomes of refractive surgery, the pre-operative use of the Colvard Pupillometer continues to be the standard of care for obtaining accurate measurement. In an ongoing effort to standardize methods of pre-operative pupil measurement, OASIS Medical has developed the following checklist that should be followed for the greatest level of accuracy and consistency.

- ◆ Obtain screening room light level of approximately 4 cd/m^2 . It should be noted that the light level might need to be made darker depending on the lifestyle of the particular patient.
- ◆ Measure the light level in the room with a light meter.
- ◆ Wait at least 30 seconds until taking the measurement for full dilation of the pupil.
- ◆ Once the Pupillometer is placed over the eye, instruct the patient to focus on an object at the end of the room with the fellow eye.
- ◆ Focus the reticle and take the measurement.
- ◆ Document measurement in patient records.
- ◆ Repeat process on the second eye.

Using the Colvard Pupillometer and following this checklist will enable the measurement to obtain a highest level of accuracy and repeatability. It should also be noted that these are suggestions that may need to be modified based on the individual circumstances of an individual case.