In this study, subjective comfort ratings for the ND, PV, AD, FD and PC lenses were similar on insertion and at 1, 5 and 10 minutes after insertion. Since these lenses differ considerably in material thickness, design and stiffness, other factors may contribute to initial comfort ratings. Initial comfort ratings may therefore not be an accurate predictor of the most comfortable lens for a patient. To distinguish between lens types direct contralateral comparison may be more appropriate.

### Methods

#### Subjects

Ten females and 5 males participated in this single blind study. Inclusion criteria were:
- Contact lens wearing experience acceptable fit with all test lenses
- No more than two lens types were inserted in any one day.

#### Lenses

Each of the following lenses was worn monocularly for a period of 10 minutes:
- Focus Night & Day (ND)
- Focus Dailies (FD)
- 1 Day Acuvue (AD)
- Proclear Compatibles (PC)
- Silicone Lens (S)

#### Results

- Comfort ratings did not differ over time for any of the lens types (p=0.2).
- On average there was a 4 point (range 1 to 8 points) difference between insertion and 10 minute ratings.
- Comfort ratings did not differ significantly over the 10 minute period (4 points on average) indicating the comfort may be assessed as soon as the lenses have settled.

#### Discussion

- The authors would like to thank the study participants for their time and i-media at CRCERT for poster preparation.

### References