

Appendix 1: Clinical Services

|                       |                                           |                              |                      |                    |                        |                  |                    |
|-----------------------|-------------------------------------------|------------------------------|----------------------|--------------------|------------------------|------------------|--------------------|
| Optical dispensing    | Lens design                               | Single vision                | Bifocal              | PALs               |                        |                  |                    |
|                       | Median (IQR)                              | 50 (40-60)                   | 20 (10-30)           | 25 (20-30)         |                        |                  |                    |
|                       | Lens material                             | Crown glass                  | High index glass     | CR39               | Polycarbonate          | Trivex           | High Index Plastic |
|                       | Median (IQR)                              | 5 (0-10)                     | 5 (0-10)             | 45 (30-60)         | 15 (5-25)              | 0 (0-5)          | 10 (4-20)          |
|                       | Lens enhancement                          | ARC                          | Tinted               | Photochromatic     | Polarized              | Aspheric         |                    |
|                       | Median (IQR)                              | 60 (50-90)                   | 5 (0-10)             | 15 (10-20)         | 5 (0-10)               | 10 (0-20)        |                    |
|                       | Frame type                                | Full frame                   | Semi rimless         | Rimless            |                        |                  |                    |
|                       | Median (IQR)                              | 30 (20-40)                   | 40 (30-50)           | 20 (15-30)         |                        |                  |                    |
| Contact lenses (CL)   | Frame material                            | Plastic                      | Metal                | Titanium           | Combination            |                  |                    |
|                       | Median (IQR)                              | 30 (20-40)                   | 30 (20-45)           | 10 (5-20)          | 10 (5-20)              |                  |                    |
|                       | Patients                                  | % CL Patients                | Monthly CL Patients  | New fits           | Refits                 | Follow ups       |                    |
|                       | Median (IQR)                              | 20 (10-35)                   | 20 (10-40)           | 50 (40-70)         | 40 (30-60)             | 10 (5-30)        |                    |
|                       | Investigative Instruments                 | Slit lamp                    | Keratometer          | Corneal topography |                        |                  |                    |
|                       | Median (IQR)                              | 70 (50-100)                  | 40 (20-80)           | 0 (0-10)           |                        |                  |                    |
|                       | CL design                                 | Spherical                    | Toric                | Multifocal         |                        |                  |                    |
|                       | Median (IQR)                              | 60 (47-70)                   | 25 (20-33)           | 2.5 (0-10)         |                        |                  |                    |
| Binocular Vision (BV) | CL material                               | Hydrogel                     | Silicone Hydrogel    | RGP                |                        |                  |                    |
|                       | Median (IQR)                              | 40 (30-60)                   | 40 (25-60)           | 2 (0-20)           |                        |                  |                    |
|                       | CL replacement schedule                   | Conventional                 | Quarterly disposable | Monthly disposable | Fortnightly disposable | Daily disposable |                    |
|                       | Median (IQR)                              | 5 (0-20)                     | 0 (0-5)              | 60 (40-80)         | 5 (0-20)               | 5 (0-10)         |                    |
|                       | Monthly patients with following anamolies | Accomodation and convergence | Amblyopia            | Strabismus         |                        |                  |                    |
|                       | Median (IQR)                              | 13.5 (5-30)                  | 7 (4-20)             | 7 (5-20)           |                        |                  |                    |
|                       | Investigative Instruments                 | RAF ruler                    | Prism bar            | Synotophore        | Maddox rod             |                  |                    |
|                       | Median (IQR)                              | 10 (0-40)                    | 15 (0-50)            | 0 (0-30)           | 0 (0-20)               |                  |                    |
| Low Vision (LV)       | Treatment                                 | Prism bar                    | Synoptophore         | Occlusion          | Stereogram             |                  |                    |
|                       | Median (IQR)                              | 0 (0-20)                     | 0 (0-30)             | 20 (0-50)          | 0 (0-10)               |                  |                    |
|                       | LV defect type                            | Central                      | Peripheral           | Overall            |                        |                  |                    |
|                       | Median (IQR)                              | 35 (20-50)                   | 30 (20-40)           | 20 (10-40)         |                        |                  |                    |
|                       | LV devices                                | Optical                      | Non optical          | Electronic         |                        |                  |                    |
|                       | Median (IQR)                              | 65 (40-75)                   | 20 (10-30)           | 5 (0-10)           |                        |                  |                    |
|                       | Optical devices                           | Telescopes                   | Magnifier            | Prismospheres      |                        |                  |                    |
|                       | Median (IQR)                              | 10 (0-30)                    | 50 (30-75)           | 0 (0-15)           |                        |                  |                    |