**Ophthalmic Equipment and Ergonomic Requirements**

|  |  |  |  |
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| **#** | **Equipment** | | **Eye Conditions** |
| **1** | Autorefractor\* | A picture containing wall, indoor, floor, office  Description automatically generated | General ophthalmology  **cataract,** refractive error, **glaucoma,** paediatric ophthalmology |
|  | Zeiss VISUREF |  |
| **2** | Optical Response Analyser (ORA)\* | Reichert G3 (ORA) | Axis Medical | **Glaucoma,** General ophthalmology |
|  | Reichert DSG 3 |  |
| **3** | Humphrey Field Analyser (HFA) | A picture containing text, indoor, floor, electronics  Description automatically generated | **Glaucoma,** neurology, neuro-ophthalmology |
|  | Zeiss HUMPHREY FIELD ANALYSER |  |
| **4** | Optical Coherence Tomography (OCT) | A picture containing indoor, desk, office  Description automatically generated | **Glaucoma,**  **Cataracts,** medical retina, surgical retina, |
|  | Zeiss CIRRUS |  |
| **5** | Coherence Tomography (OCT) | A picture containing indoor, floor, wall, cluttered  Description automatically generated | **Medical Retina**  Glaucoma,  Cataracts, surgical retina, |
|  | Heidelberg Spectralis |  |
| **6** | Biometry | A chair next to a desk with a computer on it  Description automatically generated with low confidence | **Cataract,**  paediatric ophthalmology |
|  | Heidelberg Anterion |  |
| **7** | Wide Field Camera | A picture containing text, floor, indoor, desk  Description automatically generated | General ophthalmology  **Glaucoma,**  **Medical Retina,**  **Cataract,** |
|  | Nikon Optos |  |
| **8** | Slit Lamp and Monitor | ZEISS SL 800 slit lamp | **Ophthalmic Consultation** |
| **9** | Biometry | Oculus Pentacam® HR | Blue River Medical, Inc. | **Keratoconus Screening** |
|  | Oculus Pentacam |  |
| **10** | Coherence Tomography (OCT) | Device for Anterior Segment Analysis of Eye | MS-39 | CSO ... | **Keratoconus Screening** |
|  | CSO MS39 OCT |  |
| **11** | Handheld kerometer | Image preview | Glaucoma |
|  | Nidek |  |
| **12** | Lensmeter | Image preview | Measures spectacles prescriptions and is often used before using an HFA |
|  | Topcon CL300 |  |
| **13** | Cataract Biometry | Image preview | Cataract |
|  | Heidelberg Anterion |  |
| **14** | Wide Field Camera (alternative to Optos) | Image preview |  |
|  | TopCon Specular Microscope |  |
| **15** | Blood pressure machine | Image preview | used by Nurses in the Pre-op **Cataract** Assessment |
|  | Dynamap |  |

\* These items may be replaced by hand-held instruments

Dr Anne W. Symons 25.10.2022