**Supplementary File S6:** Levels of visual impairment– World Health Organization (WHO)  
International Classification of Functioning, Disability and Health (ICF), Switzerland

<table>
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<th>Classification</th>
<th>Levels of Visual Impairment</th>
<th>Additional Descriptors That may be Encountered</th>
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<td>Legal WHO</td>
<td>Visual Acuity (VA) and/or Visual Field (VF) Limitation (whichever is worse)</td>
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</table>
| (NEAR-) NORMAL VISION | RANGE OF NORMAL VISION  
20/10  20/13  20/16  20/20  20/25  
2.0   1.6   1.25  1.0   0.8 |                                               |
|                     | NEAR-NORMAL VISION  
20/28  20/30  20/40  20/50  20/60  
0.7   0.6   0.5   0.4   0.4 |                                               |
| LOW VISION          | MODERATE VISUAL IMPAIRMENT  
20/70  20/80  20/100  20/125  20/160  
0.29  0.25  0.20  0.16  0.12 | Moderate low vision |
|                     | SEVERE VISUAL IMPAIRMENT  
20/200  20/250  20/320  20/400  
0.10  0.08  0.06  0.05  
VF: 20 degrees or less | Severe low vision, ‘Legal’ blindness |
| BLINDNESS (WHO)     | PROFOUND VISUAL IMPAIRMENT  
20/500  20/630  20/800  20/1000  
0.04  0.03  0.025  0.02  
CF at: less than 3m (10 ft.)  
VF: 10 degrees or less | Profound low vision, Moderate blindness |
| One or both eyes    | NEAR-TOTAL VISUAL IMPAIRMENT  
VA: less than 0.02 (20/1000)  
CF at: 1m (3 ft.) or less  
HM: 5m (15 ft.) or less  
Light projection, light perception  
VF: 5 degrees or less | Severe blindness, Near-total blindness |
|                     | TOTAL VISUAL IMPAIRMENT  
No light perception (NLP) | Total blindness |

CF = counts fingers (without designation of distance may be classified to profound impairment)  
HM = hand motion (without designation of distance may be classified as near-total impairment)  
VA = visual acuity (refers to best achievable acuity with correction)  
VF = visual field (measurements refer to the largest field diameter for a 1/100 white test object)  
Modified from the International Classification of Diseases, 9th rev. Clinical Modification