

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

Classification		Levels of Visual Impairment	Additional Descriptors That may be Encountered
Legal	WHO	Visual Acuity (VA) and/or Visual Field (VF) Limitation (whichever is worse)	
	(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