

Supplementary Data. Definition and explanation for Image quality assessment categories

Category	Explanation	0	1	2	3	4
Field of View	Considering the ideally captured area in a single UWF fundus photograph, estimate the percentage of the retinal area shown in the current image (even if only limited assessment is possible).	<50%	50~66%	66%~75%	75%~90%	>90%
Details of Posterior Pole	Optic Disc/Macula Visualization	Completely unassessable	Very limited assessment only	Moderately assessable	Fairly well assessable	Fully assessable
Peripheral Retina Visualization	Within the visible range of the peripheral retina	Completely unassessable	Very limited assessment only	Moderately assessable	Fairly well assessable	Fully assessable
Centering of Image	How well the image is centered	Not centered at all	Poorly centered	Moderately centered	Fairly well centered	Perfectly centered
Final Grading	Overall grading of the image	Completely unassessable	Very limited assessment only	Moderately assessable	Fairly well assessable	Fully assessable