

SUPPLEMENTARY DATA

Supplementary Table 1. Clinical assessment of diabetic retinopathy

International DR Level	Frequency	Percentage	Cumulative Percentage
No diabetic retinopathy (ETDRS level 10-14),	24	16,7	16,7
Mild non proliferative DR (ETDRS level 15-20)	2	1,4	18,1
Moderate non-proliferative DR (ETDRS level 35-47)	85	59,0	77,1
Severe non-proliferative DR (ETDRS level 53)	5	3,5	80,6
Proliferative diabetic retinopathy (ETDRS >=level 61)	28	19,4	100,0
Total	144	100,0	
CSME	Frequency	Percentage	Cumulative Percentage
No	105	67,7	67,7
Yes	50	32,3	100,0
Total	155	100,0	

Supplementary Table 2. Agreement of clinical assessment with Diabetic Retinopathy Severity and CSME imaging readings

	Diabetic Retinopathy Severity (ETDRS scale)		CSME	
	<i>Optomap (n=144 eyes)</i>	<i>7 field Foto (n=144 eyes)</i>	<i>Optomap (n=155 eyes)</i>	<i>7 field Foto (n=155 eyes)</i>
Exact Agreement	95.8%	90.3%	87.7%	83.2%
Agreement +/- 1 step	100%	96.5%	NA	NA
Agreement +/- 2 steps	100%	100%	NA	NA
Kappa (SE)	0.93 (0.03)	0.83 (0.04)	0.72 (0.06)	0.59 (0.07)

NA: not applicable, SE: standard error.

All Grader 1 results are shown.