

Table 3. Optic Nerve Head Topographic Parameters of Normal and Glaucoma Subjects

Parameter	Normals	Glaucoma				p	p ¹	p ²	p ³
		All	Mild	Moderate	Severe				
Cup area (mm ²)	0.57 ± 0.36	1.27 ± 0.54	1.02 ± 0.46	1.57 ± 0.64	1.41 ± 0.46	<0.001	<0.001	<0.001	0.63
Disc area (mm ²)	1.83 ± 0.35	1.93 ± 0.46	1.83 ± 0.44	2.20 ± 0.54	1.91 ± 0.41	0.07	1.00	0.01	0.10
CDR	0.51 ± 0.16	0.77 ± 0.13	0.71 ± 0.16	0.81 ± 0.1	0.83 ± 0.07	<0.001	<0.001	0.14	0.97
HCDR	0.53 ± 0.19	0.78 ± 0.15	0.72 ± 0.17	0.81 ± 0.12	0.82 ± 0.11	<0.001	<0.001	0.44	0.99
VCDR	0.48 ± 0.15	0.77 ± 0.13	0.69 ± 0.15	0.81 ± 0.07	0.83 ± 0.06	<0.001	<0.001	0.045	0.96
Rim area (mm ²)	1.27 ± 0.21	0.66 ± 0.25	0.81 ± 0.27	0.64 ± 0.17	0.51 ± 0.15	<0.001	<0.001	0.055	0.27
HRT (μm)	657.5 ± 257.4	298.3 ± 194.6	366.5 ± 24.9	268.6 ± 146.6	237.7 ± 140.5	<0.001	<0.001	0.57	0.98
VRT (μm)	800.4 ± 210.7	341.6 ± 181.8	458.1 ± 208.8	291.2 ± 103.5	237.9 ± 80.6	<0.001	<0.001	0.04	0.84
Cup volume (mm ³)	0.16 ± 0.14	0.58 ± 0.34	0.47 ± 0.30	0.74 ± 0.35	0.63 ± 0.34	<0.001	<0.001	0.001	0.37

Values are expressed as mean ± SD

SD - Standard Deviation; p - p-value between normals and all glaucoma patients; p¹ - p-value between normals and mild glaucoma; p² - p-value between mild and moderate glaucoma; p³ - p-value between moderate and severe glaucoma; CDR - Cup-to-Disc Ratio; HCDR - Vertical Cup-to-Disc Ratio; VCDR - Vertical Cup-to-Disc Ratio; HRT - Horizontal Rim Thickness; VRT - Vertical Rim Thickness; L - Left Eye; R - Right Eye, LR - Both Eyes.