

Normal values of the HRT II stereometric parameters

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Parameter	normal	early	moderate	advanced
disc area [mm ²]	2.257 ± 0.563	2.346 ± 0.569	2.310 ± 0.554	2.261 ± 0.416
cup area [mm ²]	0.768 ± 0.505	0.953 ± 0.594	1.051 ± 0.647	1.445 ± 0.562
rim area [mm ²]	1.489 ± 0.291	1.393 ± 0.340	1.260 ± 0.415	0.817 ± 0.334
cup volume [mm ³]	0.240 ± 0.245	0.294 ± 0.270	0.334 ± 0.318	0.543 ± 0.425
rim volume [mm ³]	0.362 ± 0.124	0.323 ± 0.156	0.262 ± 0.139	0.128 ± 0.096
cup/disk area ratio	0.314 ± 0.152	0.380 ± 0.179	0.430 ± 0.203	0.621 ± 0.189
horizontal cup/disk ratio	0.567 ± 0.200	0.623 ± 0.221	0.658 ± 0.226	0.808 ± 0.185
vertical cup/disk ratio	0.460 ± 0.206	0.538 ± 0.214	0.573 ± 0.226	0.756 ± 0.194
mean cup depth [mm]	0.262 ± 0.118	0.279 ± 0.115	0.289 ± 0.130	0.366 ± 0.182
maximum cup depth [mm]	0.679 ± 0.223	0.680 ± 0.210	0.674 ± 0.249	0.720 ± 0.276
cup shape measurement	-0.181 ± 0.092	-0.147 ± 0.098	-0.122 ± 0.095	-0.036 ± 0.096
height variation contour [mm]	0.384 ± 0.087	0.364 ± 0.100	0.330 ± 0.108	0.256 ± 0.090
mean RNFL thickness [mm]	0.244 ± 0.063	0.217 ± 0.076	0.182 ± 0.086	0.130 ± 0.061
RNFL cross sectional area [mm ²]	1.282 ± 0.328	1.155 ± 0.396	0.957 ± 0.440	0.679 ± 0.302

Base: HRT-examination of 743 eyes:

349 with normal visual field

192 with early glaucomatous visual field defect (2 - 5 dB)

97 with moderate glaucomatous visual field defect (5 - 10 dB)

105 with advanced glaucomatous visual field defect (> 10 dB)