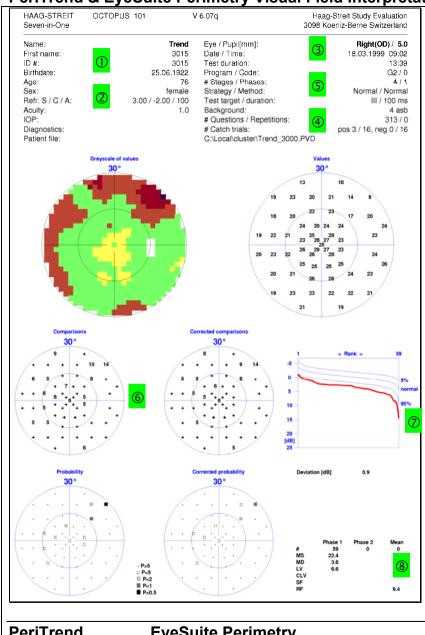
PeriTrend & EyeSuite Perimetry Visual Field Interpretation on the 7-in-1 Printout



PeriTrend ΙV

"Deviation"

EyeSuite Perimetry

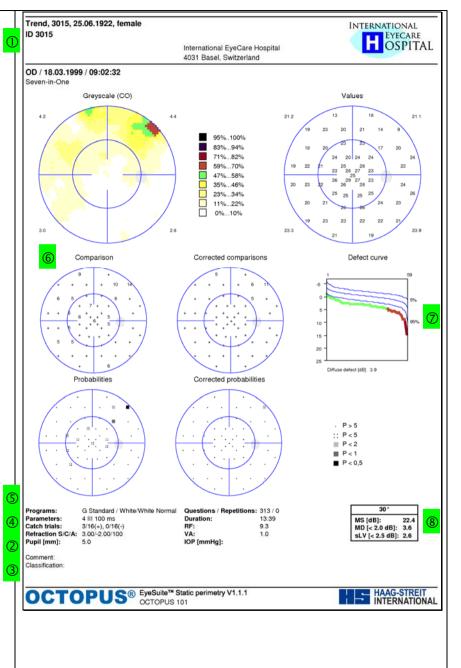
square root of Loss Variance DD "Diffuse Defect"

Reliability

- O Correct Patient & age
- Correct refraction
- 3 Pupil size > 3mm ok
 - 2.5 .. 3 mm borderline
 - < 2.5mm critical
- Catch trials
 - < 15..20% false pos
 - < % of severely depressed field false neg
- S Method, Strategy. Test duration

Result

- 6 Grevscale of comparisons: "all white" or max. 3 small light yellow non-cluster dots Comparisons:
 - < 4 numbers with 5..8dB in case of cataract evaluate "Corrected comparison"
- Defect (Bebie) curve Within 5..95% bandwidth overshoot left: happy trigger parallel lower: diffuse defect drop on the right side: local defect
- Global indices MD < 2dB "normal" & sLV < 2.5 dB "normal" MD 2..6dB "early" MD 6..12dB "moderate" MD > 12dB "advanced"



Octopus Visual Field Interpretation on screen with EyeSuite Perimetry "Both eyes" display EyeSuite" Reliability - O × ① Correct age Patient: TREND 3003, 18.07.1942 ■ ## 8 **Both eves** Examination time (· Q · · · 4 - 4 - 4 × Left (OS) / Right (OD) OS 20.09.1995 09:58:00 OD 20.09.1995 09:25:00 3 Pupil size Greyscale (CO) Greyscale (CO) > 3mm ok 30° 30° MD 2 MD 1 MD 2 MD 1 2.5 .. 3 mm borderline 5.5 2.7 7.7 8.2 < 2.5mm critical MD3 MD4 MD3 MD4 5.3 3.4 4.8 2.1 Catch trials < 15..20% false pos < % of severely depressed field false neg Method, Strategy. Test duration 95%..100% 95%..100% Result 83%...94% 83%...94% 6 Greyscale of comparisons: 71%...82% 71%...82% 59%...70% 59%...70% "all white" or max. 3 small 47%...58% 47%...58% 35%...46% 35%...46% red non-cluster dots 23%...34% 23%...34% Comparisons: 11%...22% 11%...22% 0%...10% 0%...10% < 4 numbers with 5..8dB (3) Left eye (OS) / 4.5 in case of cataract evaluate Eye / Pupil [mm]: Eye / Pupil [mm]: Right eye (OD) / 4.5 Test duration: 00:00 00:00 Test duration: "Corrected comparison" Program / Strategy: G1 / Normal Program / Strategy: G1 / Normal Standard / White/White Method: Method: Standard / White/White Background [asb]: Background [asb]: Qauadrant values & left/right comparison 505 / 3 0/25(+), 1/25(-) Questions / Repetitions: Questions / Repetitions: 500 / 0 Catch trials: Catch trials: 0/25(+), 0/24(-) < 1.3dB ΔMD ΔsLV < 0.6dB Normal Indices Normal Indices 59 / 59 59 / 59 Test locations Test locations 21.3 23.6 MS [dB] MS [dB] 8 Global indices MD [dB] MD [dB] -2..2 5.6 -2..2 3.8 sLV [dB] 0..2.5 3.7 sLV [dB] 0..2.5 2.8 MD < 2dB "normal" & CsLV [dB] 3.5 CsLV [dB] 0..2 2.5

2.0

0.0

0..2

SF [dB]

RF [%]

SF [dB]

RF [%]

0..2

2.2

2.0

sLV < 2.5 dB "normal"

MD 2..6dB "early"
MD 6..12dB "moderate"
MD > 12dB "advanced"