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

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

Result
6. Greyscale 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"
7. Defect (Bebie) curve
   - Within 5..95% bandwidth overshoot left: happy trigger parallel lower: diffuse defect drop on the right side: local defect
8. 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

Reliability
- Correct age
- Examination time
- Pupil size
  - > 3mm ok
  - 2.5 .. 3 mm borderline
  - < 2.5mm critical
- Catch trials
  - < 15..20% false pos
  - < % of severely depressed field false neg
- Method, Strategy, Test duration

Result
- Greyscale of comparisons:
  - “all white” or max. 3 small red non-cluster dots
  - Comparisons:
    - < 4 numbers with 5.8dB
    - in case of cataract evaluate “Corrected comparison”
- Quadrant values & left/right comparison
  - ΔMD < 1.3dB
  - ΔsLV < 0.6dB
- Global indices
  - MD < 2dB "normal" & sLV < 2.5 dB "normal"
  - MD 2..6dB "early"
  - MD 6..12dB "moderate"
  - MD > 12dB "advanced"