Computerized Visual Fields

Humphrey Field Analyzer
Computerized Perimetry
Fixation Losses          False POS Errors         False NEG Errors
False NEG Errors: 0 %
Test Duration: 05:19
Fovea: OFF

GHT
Outside normal limits
VFI  98%
MD   -0.57 dB
PSD  2.13 dB  P < 5%
GHT
Outside normal limits
VFI 98%
MD -0.57 dB
PSD 2.13 dB P < 5%

Total Deviation

Pattern Deviation

Pine Rivers Eye Centre
Suite 5 Dixon St
Strathpine QLD 4500
PH: 07 3205 3433
Fax: 07 3881 1024
Mean Deviation (MD)    Pattern Standard Deviation (PSD)    Decibels (dB)

GHT
Outside normal limits

VFI    98%

MD    -0.57 dB
PSD    2.13 dB P < 5%

Pine Rivers Eye Centre
Suite 5 Dixon St
Strathpine QLD 4500
PH: 07 3205 3433
Fax: 07 3881 1024
Abnormal Visual Fields

- Single Test
- Progression (GPA)
Name: NICHOLS SANDRIA  DOB: 12-09-1929

Baseline: SITA-Standard  Central 24-2 Threshold Test

<table>
<thead>
<tr>
<th>Pattern Deviation</th>
<th>Pattern Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-03-2011</td>
<td>14-03-2012</td>
</tr>
<tr>
<td>Graytone</td>
<td>Graytone</td>
</tr>
<tr>
<td>GHT: Outside normal limits</td>
<td>GHT: Outside normal limits</td>
</tr>
<tr>
<td>3.5 mm</td>
<td>3.5 mm</td>
</tr>
<tr>
<td>0/4.5</td>
<td>0/4.5</td>
</tr>
</tbody>
</table>


FL: 0/16  FP: 12%  VR: 92%  VFI: 100%


FL: 1/18  FP: 12%  VR: 90%  VFI: 100%


Follow-up: See Full GFA printout for complete analysis

<table>
<thead>
<tr>
<th>Pattern Deviation</th>
<th>Pattern Deviation</th>
<th>Deviation From Baseline</th>
<th>Progression Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-05-2013</td>
<td>16-05-2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graytone</td>
<td>Graytone</td>
<td>Deviation From Baseline</td>
<td></td>
</tr>
<tr>
<td>GHT: Outside normal limits</td>
<td>GHT: Outside normal limits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.5 mm</td>
<td>3.5 mm</td>
<td>6/4.5</td>
<td></td>
</tr>
</tbody>
</table>

Fovea OFF  MD: -7.77 dB  P < 0.05%  FL: 0/16  FP: 12%  VFI: 92%  VFI: 100%

Fovea OFF  MD: -4.04 dB  P < 0.05%  FL: 1/16  FP: 12%  VFI: 90%  VFI: 100%

At least 5 exams are required for extrapolation.

Rate of Progression: Not calculated, not enough exams selected.

Notes:

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Appearance of the Optic Nerve

- Size
- Colour       ?pallor
- Vertical Cup/Disc Ratio
Vertical Cup/Disc Ratio (VCDR)
Vertical Cup/Disc Ratio

• What is it?

• What is its significance?

• What is the impact on vision?
The Abnormal Optic Nerve
The Abnormal Optic Nerve

- Size
- Colour (pallor)
- Vertical Cup/Disc Ratio
Abnormal Size

Optic Nerve Hypoplasia
Albinism
Optic Nerve Pallor

The pale disc – Optic Atrophy
Assessment of Optic Disc - Nerve fibre layer defects
Optical Coherence Tomography (OCT)
Normal retinal vasculature
Vascular attenuation
Retinitis Pigmentosa

Pale waxy disc
Attenuated vessels
Bone spicules
Constricted fields