

# Field Follies and Perimetry Pearls

Joseph Sowka, OD, FAAO, Diplomate Greg Caldwell, OD, FAAO

# <text><text><text><text>

viewpoints.

### Disclosures- Greg Caldwell, OD, FAAO

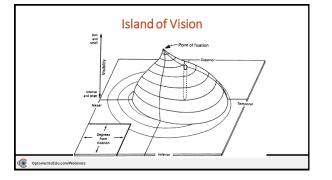
- The content of this activity was prepared independently by me Dr. Caldwell
- Lectured for: Alcon, Allergan, Aerie, BioTissue, Kala, Maculogix, Optovue
- Advisory Board: Allergan, Sun, Alcon, Maculogix, Dompe
  Envolve: PA Medical Director, Credential Committee
- Envolve: PA Medical Director, Credential Committee
  Healthcare Registries Chairman of Advisory Council
- I have no direct financial or proprietary interest in any companies, products or services
- That the uncertaintial of proprietary interest in any comparison, products of services
  mentioned in this presentation
  The content and format of this course is presented without commercial bias and does not claim
- superiority of any commercial product or service • Optometric Education Consultants - Scottsdale, Minneapolis, Florida (Ponte Verda Beach), Mackinac Island, MI, Nashville, and Quebec City - Owner

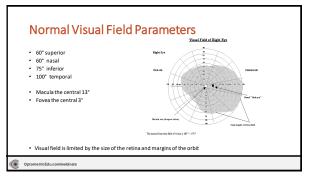
Consultance

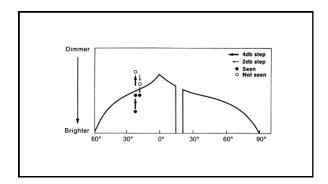
OptometricEdu.com/Webinars

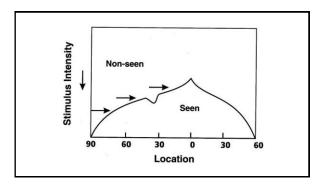


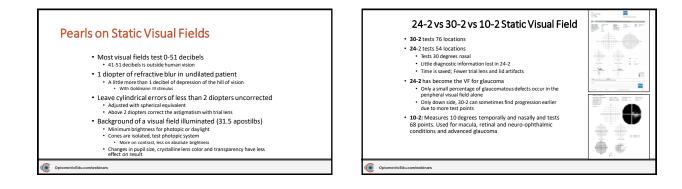
DISCLAIMER: THIS LECTURE WILL FOCUS ON HUMPHREY VISUAL FIELD ANALYSIS AS THIS IS THE MOST COMMON FORM OF PERIMETRY AND THE MODALITY THAT THE SPEAKERS HAVE USED MOST EXTENSIVELY. DISCUSSIONS TONIGHT WILL APPLY ACROSS MANY BRANDED DEVICES. NOTHING SHOULD BE CONSTRUED THAT THIS TECHNOLOGY IS SUPERIOR TO ANY OTHER FORM OF PERIMETRY. INCLUSION OR EXCLUSION OF ANY PERIMETRIC TECHNOLOGY NEITHER IMPLIES SUPERIORITY OR INFERIORTY.

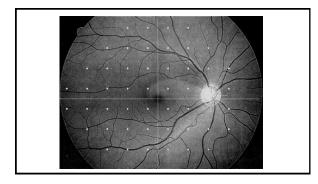


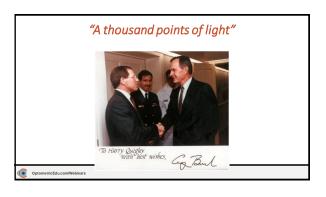


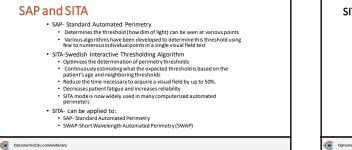


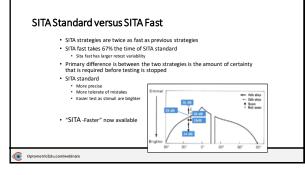




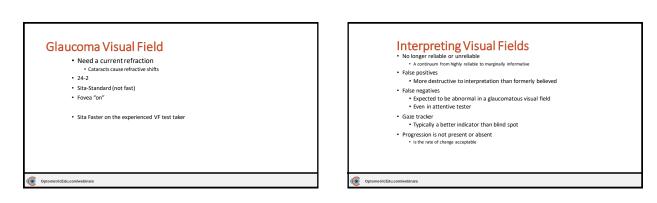












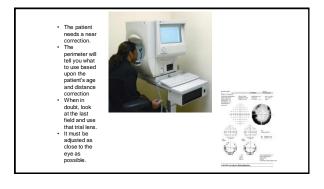
### **5 Decibel Loss**

- Read slower
- Don't leave home as much
- Walk slower

OptometricEdu.com/webinars

Increase in car accidents

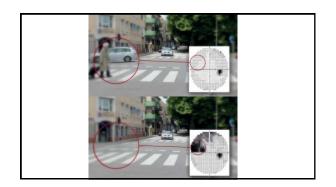




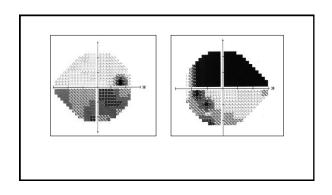


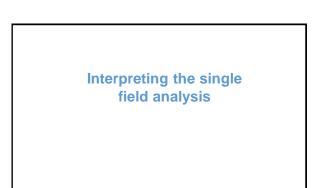


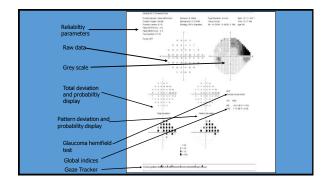


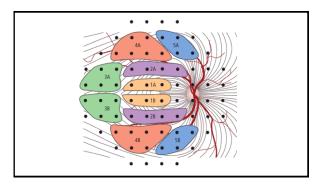


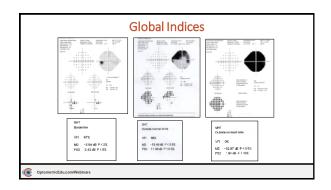
| ORIGINAL ARTICLE  |  |
|---|--|
| Driving with Glaucoma: Task Performat<br>and Gaze Movements   | nce  |
| Thomas C. Kübler*, Enkelejda Kasnesi <sup>*</sup> , Wolfgang Rosenstel <sup>*</sup> , Martin Heister*, Kathrin<br>Katja Nagi <sup>*</sup> , Ulrich Schiefer <sup>3</sup> , and Elena Papagoogiou <sup>‡</sup>   | Achling*,  |
| NETHET:<br>Togen: The similar of the pilot made wants to among the driving performance and the simular and behavior.<br>See the similar and the pilot made of the simular to the pilot performance of the simular to the pilot performance of the pilot p | I driving test,<br>of sex matched<br>g test including<br>to according to<br>according to<br>according to<br>according to<br>according to<br>the position,<br>again to the test<br>according to<br>according to |

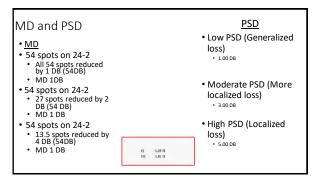


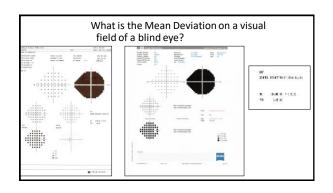


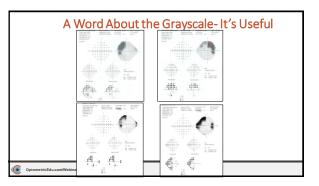


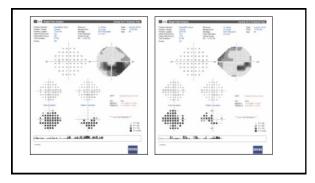


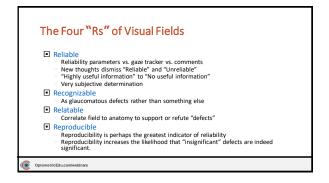


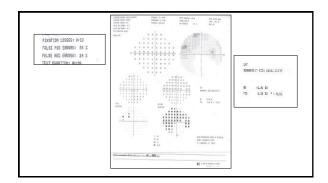


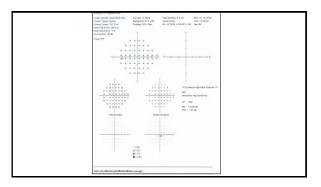


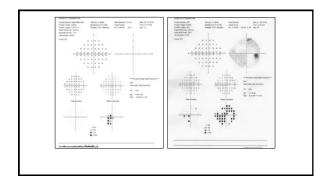


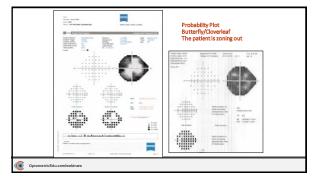




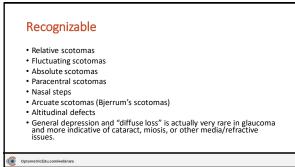


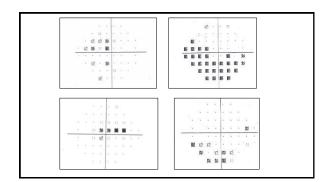


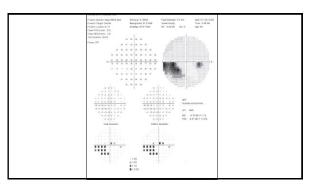


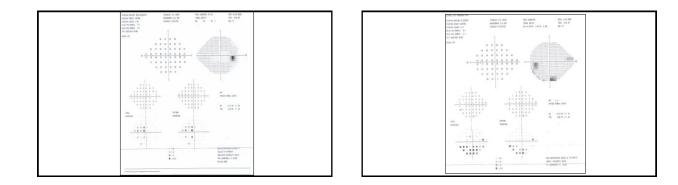


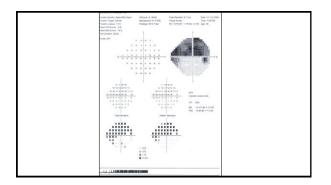


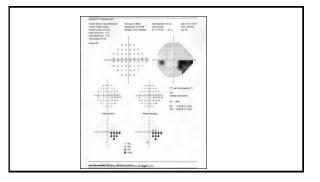


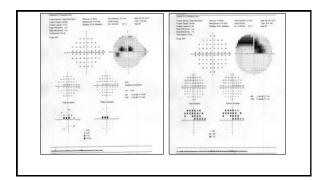


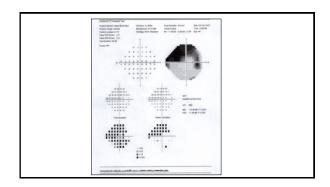


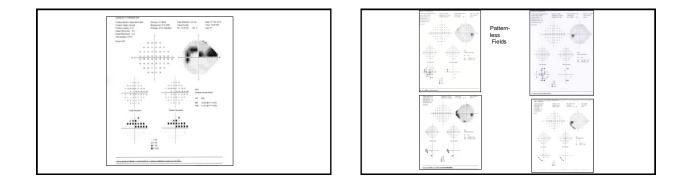


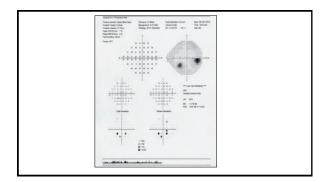


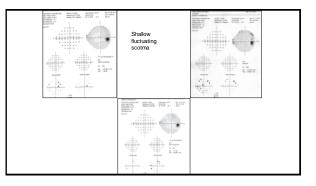


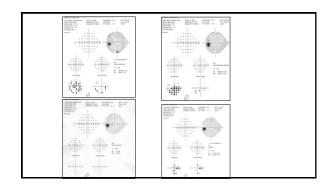


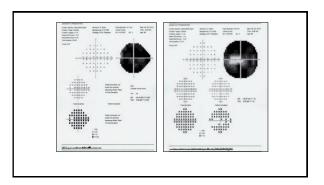


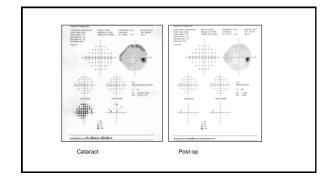


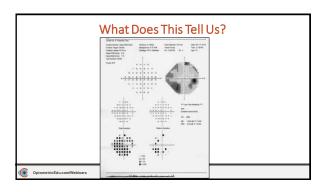








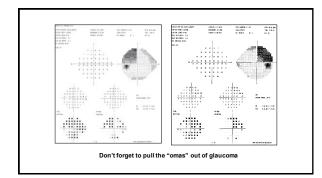


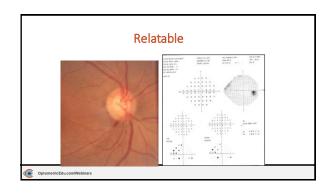


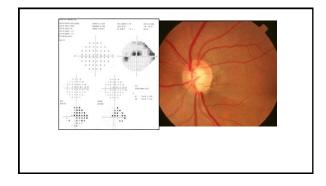
h

#### Recognizable 10 0 0 0 00 0(-1)-0 0 01 0 1965 (1.47) 1965 (1.47) 1966 (1.47) NA DESI (C. MR. S.C.) MARINE 10 8998 30 8998 41 9 INVESTIGATION MU1005 CCC 106 E271 71 6815 K 1 000 M • 68 YOWF • Treated for glaucoma at various facilities Old records obtained "Pressure excellent" • "Disc pallor OU" "Old longstanding familial optic atrophy" N - 544 112 N - 128 118 111.19 Sc 1411 • "Consider neuro-ophthalmology consult" 9>2 8p4/00

• "Continue current medications"





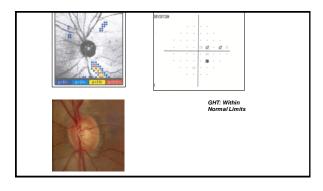


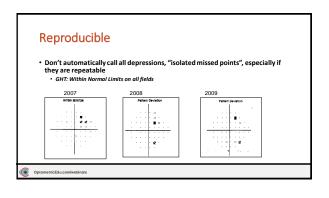
# **Visual Fields**

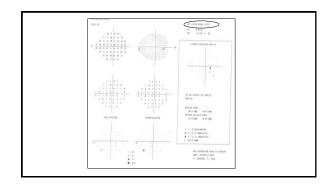
OptometricEdu.com/webinars

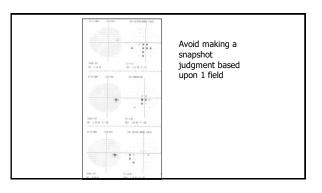
 Don't automatically call all depressions, "isolated missed points", especially if there is a structural correlate

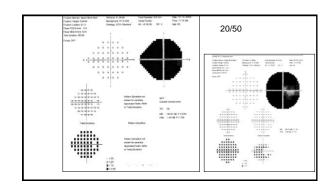
| PRITE<br>SEVER | 1118 |   |    |   |   |  |  |   |
|----------------|------|---|----|---|---|--|--|---|
|                |      |   |    |   |   |  |  |   |
|                |      |   |    |   |   |  |  |   |
|                |      |   | 35 |   | 2 |  |  |   |
|                |      |   |    |   |   |  |  |   |
|                | -    | - | 1  | ŀ |   |  |  |   |
|                |      |   |    |   |   |  |  |   |
|                |      |   |    | ŀ |   |  |  |   |
|                |      |   |    |   |   |  |  |   |
| 12             |      |   |    | 1 |   |  |  | L |

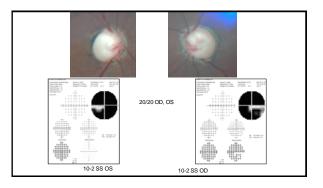


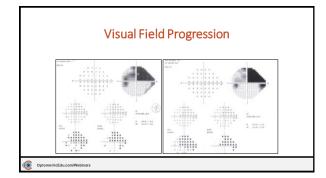


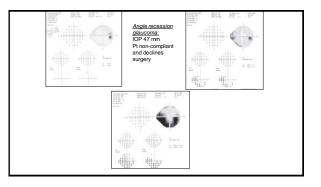


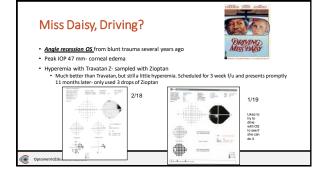


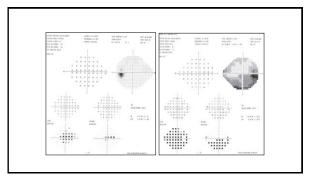


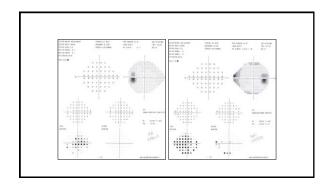


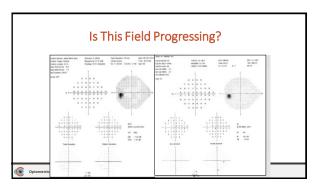


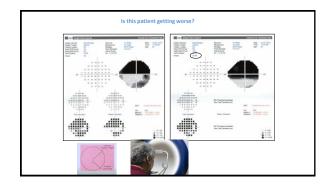


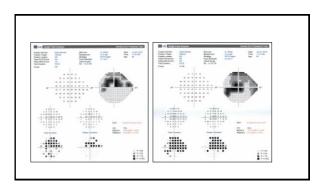


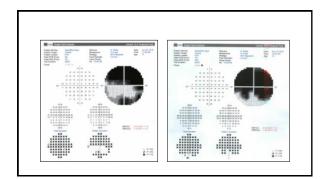


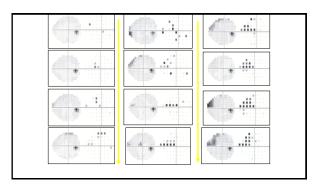


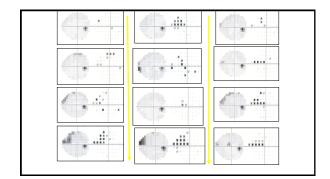


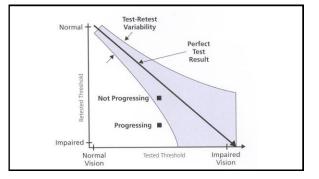










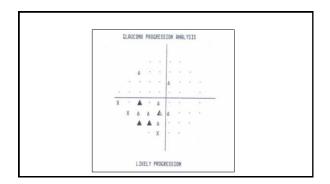


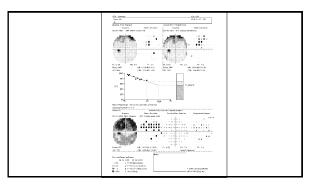


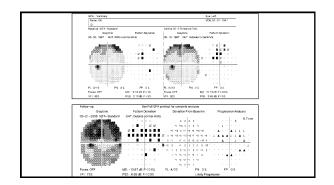
## Guided Progression Analysis: GPA

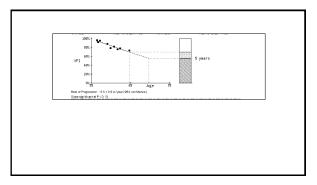
- Designed to help identify clinically significant progression of visual field loss in patients with glaucoma
- Highlights changes from selected baseline examinations that are larger than typical clinical variability in patients with similar degrees of glaucoma.
- Identifies consistent and repeated patterns of loss
- Can be used on full threshold, SITA Standard, and SITA Fast strategies
- Event analysis and trend analysis

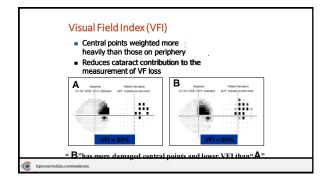
OptometricEdu.com/webinars

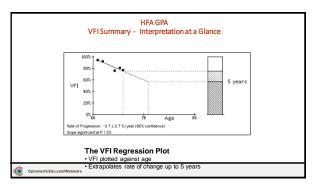


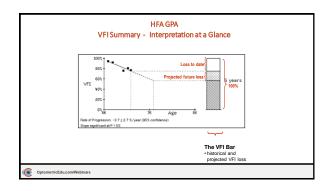


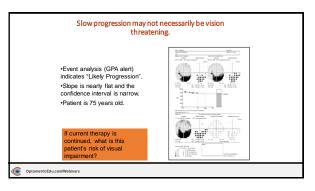


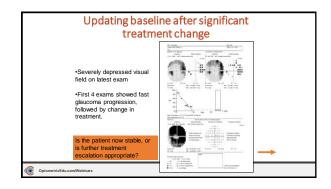


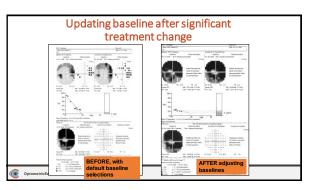


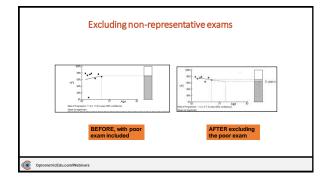


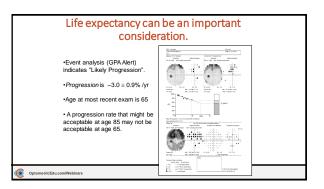


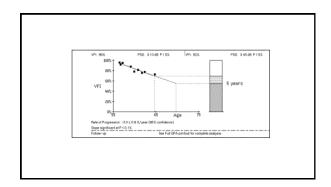


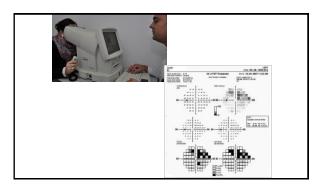


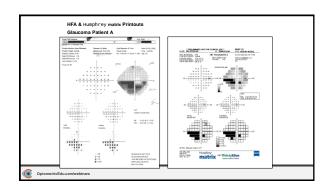


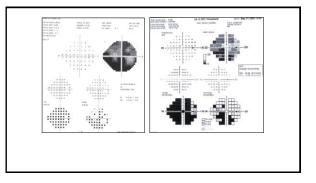


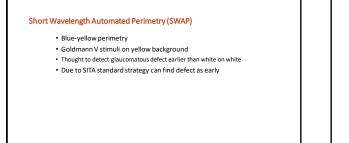














OptometricEdu.com/webinars