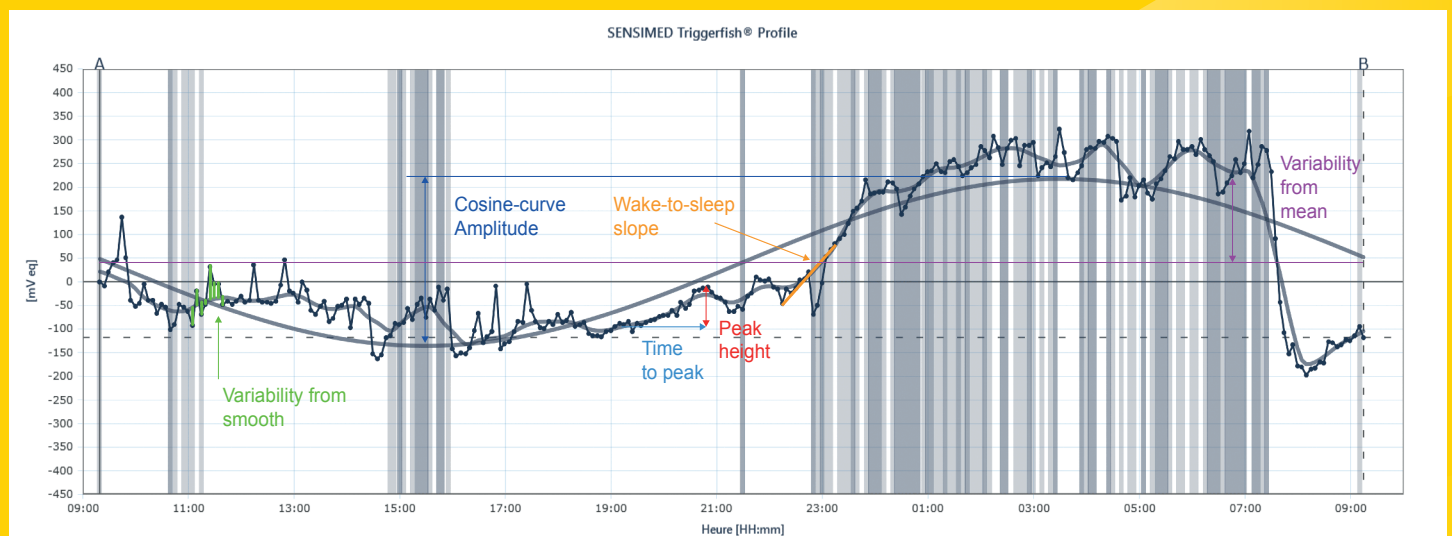


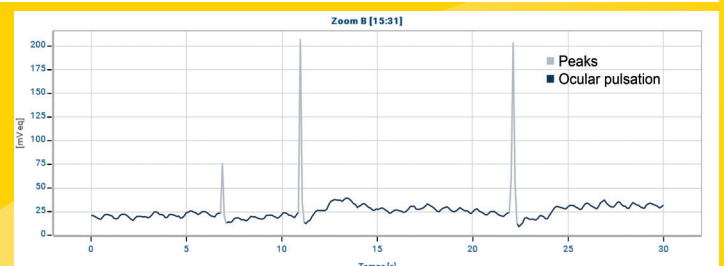
# 24-hour SENSIMED Triggerfish® recording is associated with visual field progression in treated glaucoma patients <sup>1</sup>

445 open-angle glaucoma (OAG) patients from 50 centers in 13 countries

- Established OAG
- At least 3 visual field tests in the 5 years before SENSIMED Triggerfish® recording (24-2 or 30-2 SITA)
- One eye per patient



Examples of SENSIMED Triggerfish® parameters that have been analyzed



Statistical analysis: 55 parameters reduced to 14 principal components, explaining 84% of total variance

Trend analysis with mixed effects linear models

Cross-validation

- Testing sample (N = 345) and validation sample (N = 100)
- Resampled 100 times
- Outcome: Fast visual field progression (mean deviation slope < -1.0 dB/year)

AUC-ROC: mean = 0.78 (range: 0.72–0.82)

Limitations: This cohort allowed only associations between retrospective rates of visual field progression and SENSIMED Triggerfish® to be analyzed

Outlook: Studies testing the predictive ability of SENSIMED Triggerfish® are pending

<sup>1</sup> Carlos Gustavo De Moraes et al., AGS 2017, Coronado, USA