Field Loss Post TBI

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Disclaimer

- OPTOMETRIC PRACTICE
- PUBLIC SPEAKING
- PRIVATE VT RETREAT SEMINARS
- VISUAL SECRETS AUTHOR
- ONLINE COURSES FOR VISION
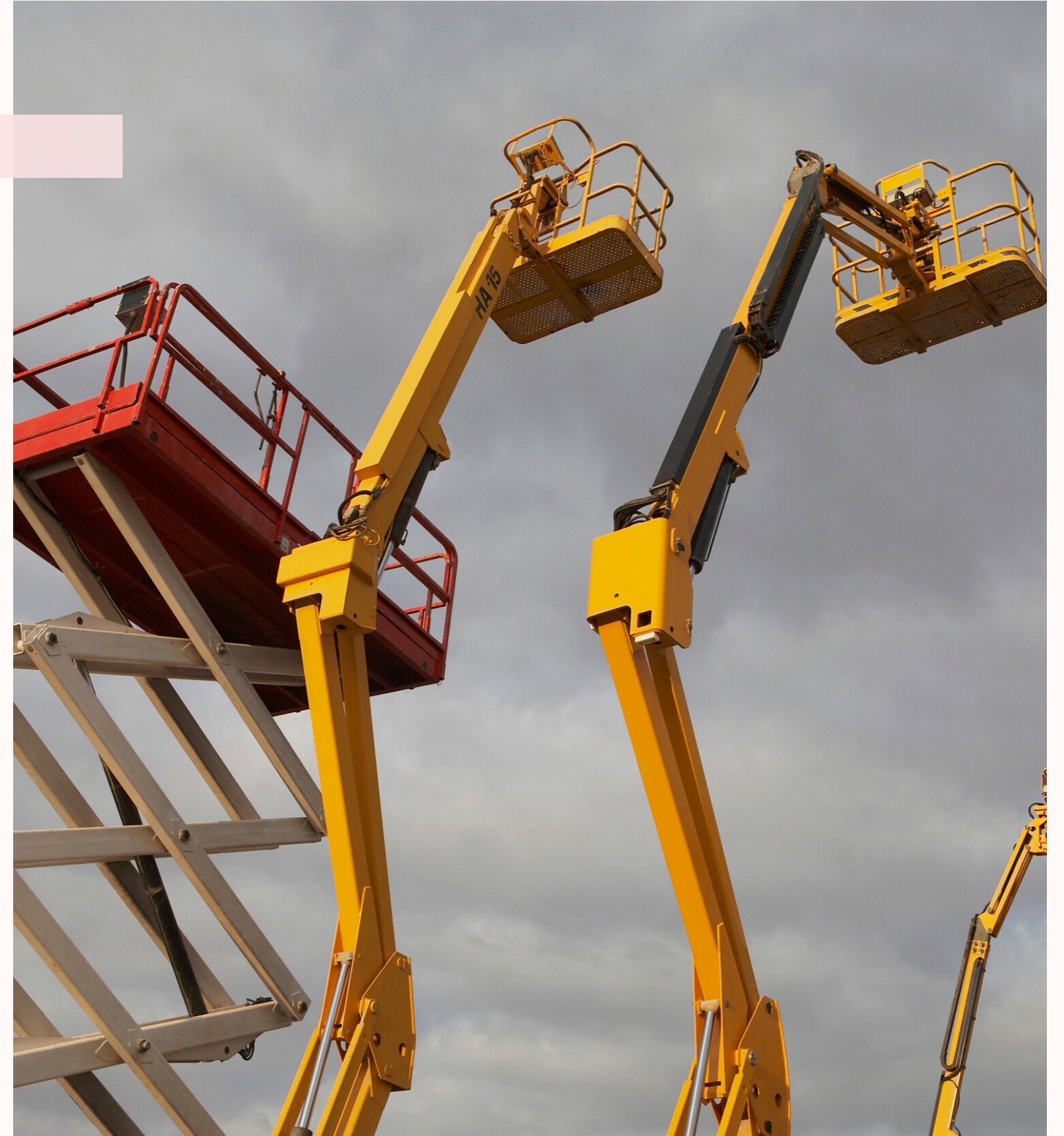- VP OF COLLEGE OF SYNTONIC OPT
- AOA INFANTSEE COMMITTEE

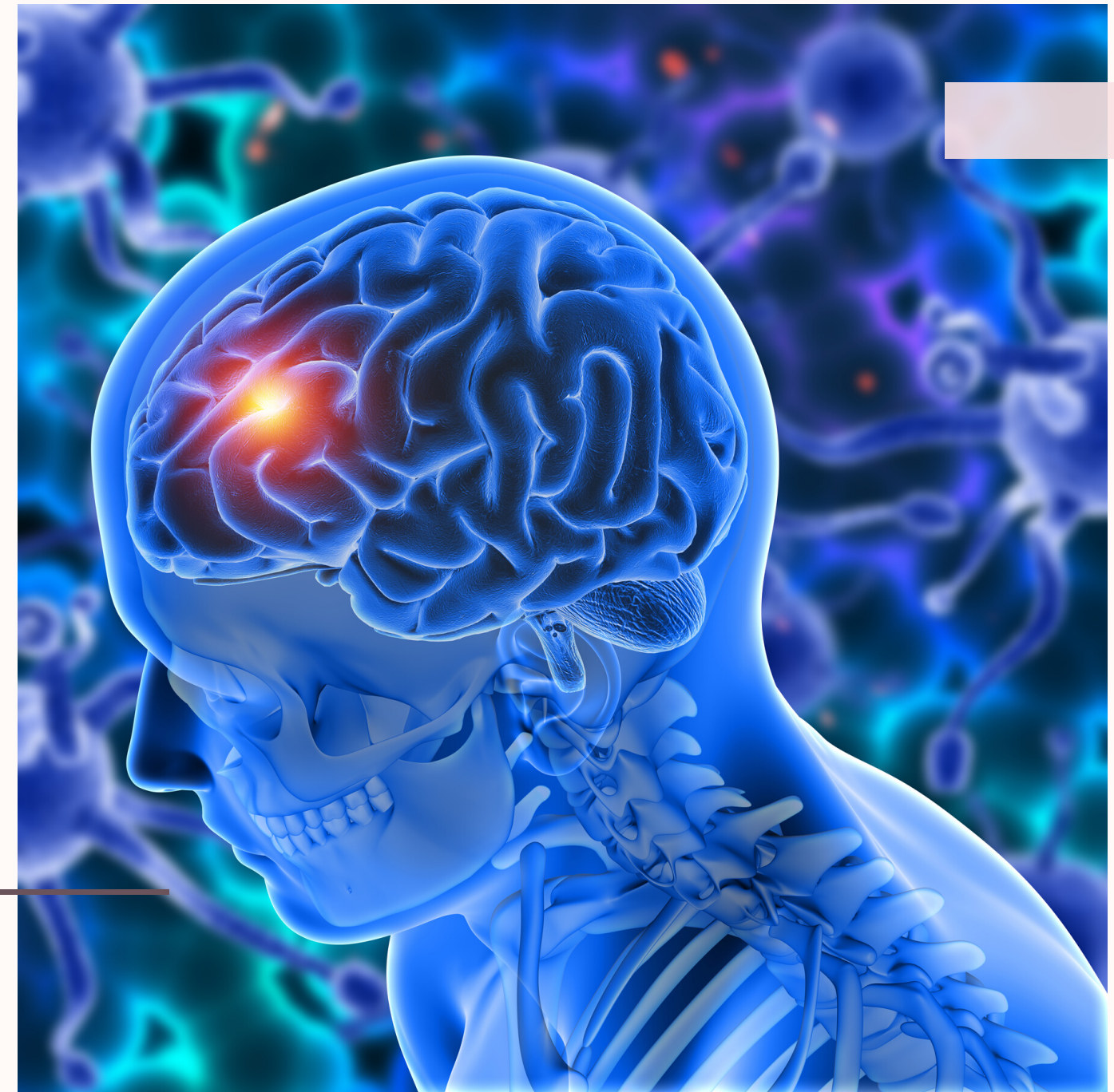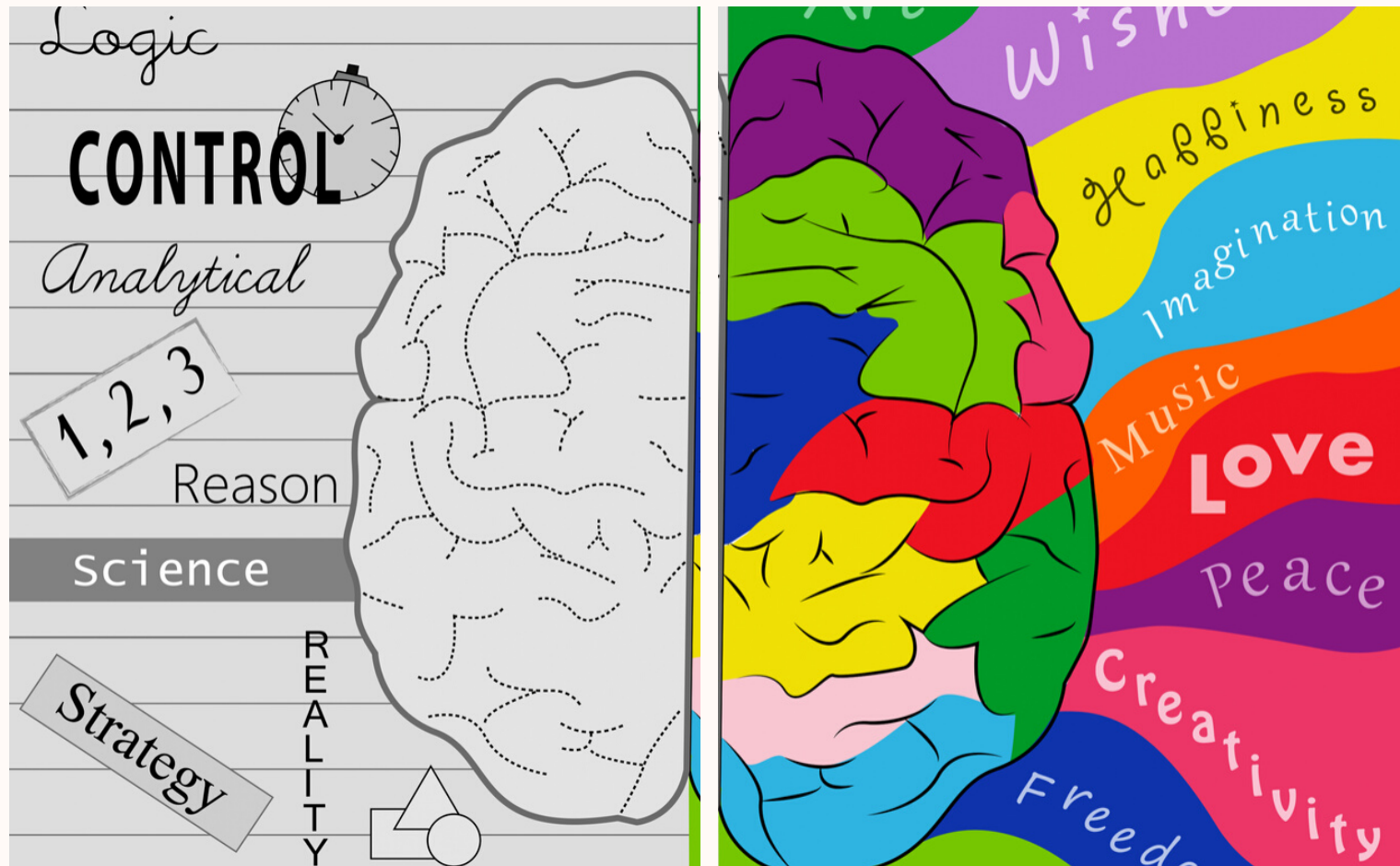Syntonics improves outcomes for patients with visual field loss post traumatic brain injury

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Significant visual field loss after falling from a cherry picker.
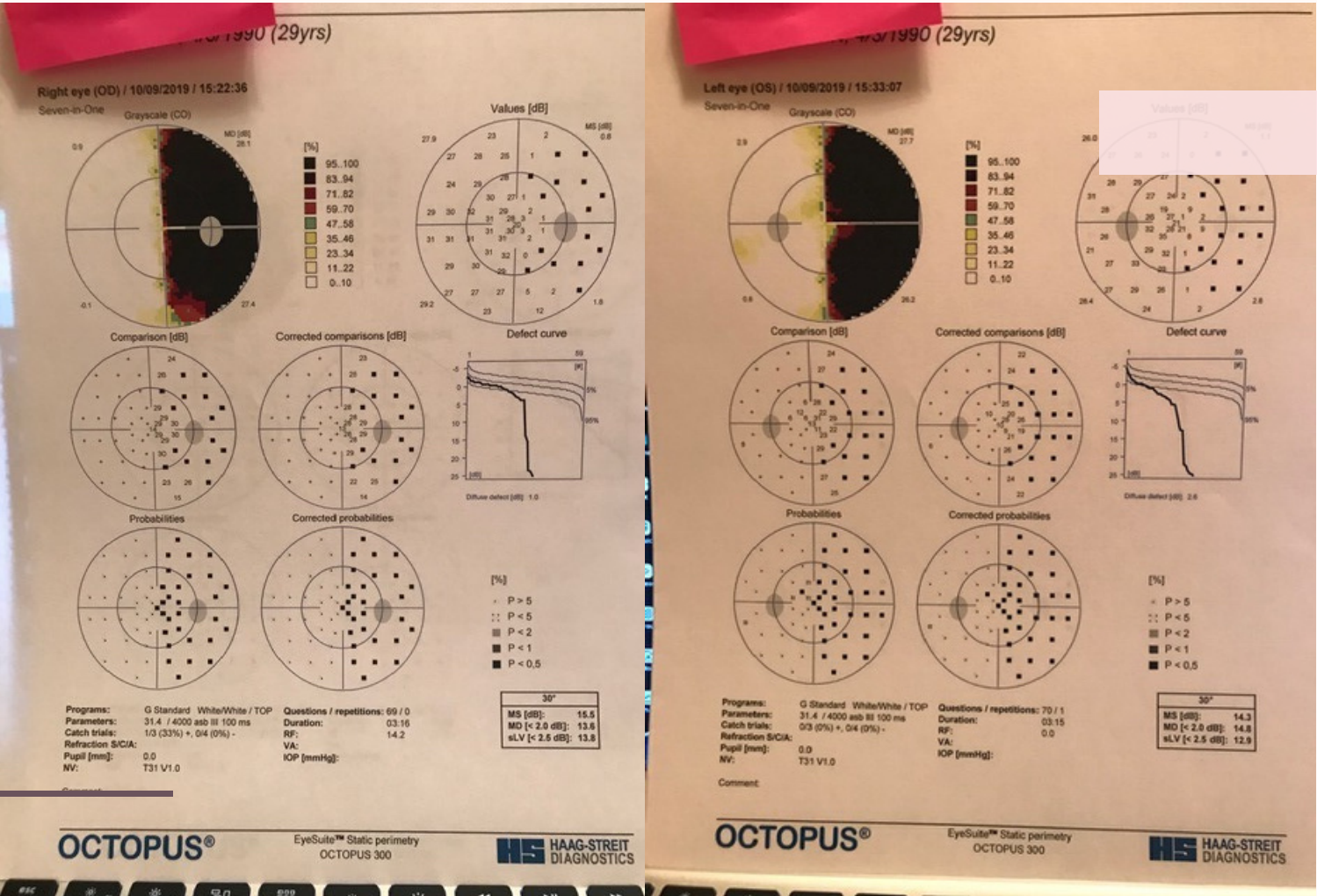
SYNTONICS AND VISUAL FIELD LOSS

The Case
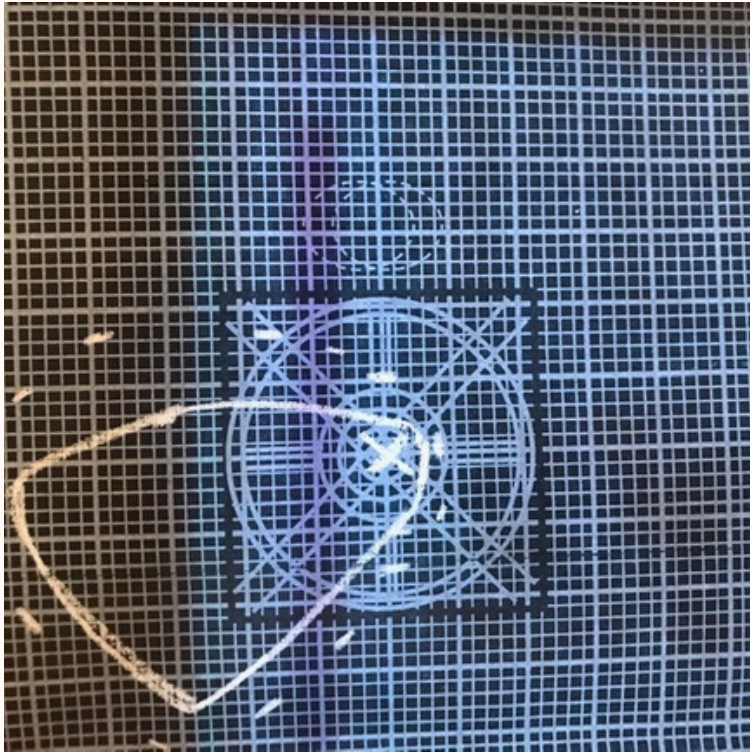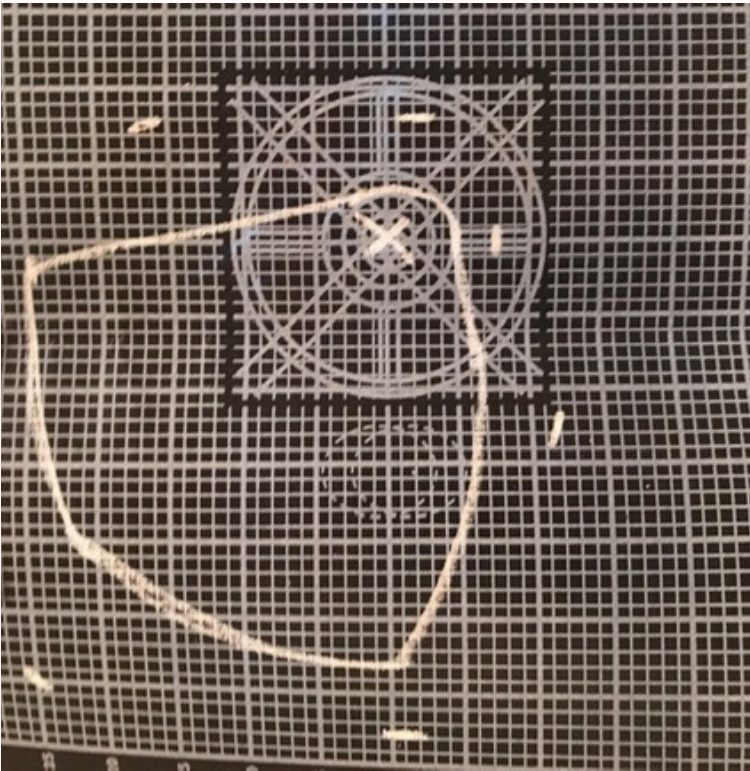

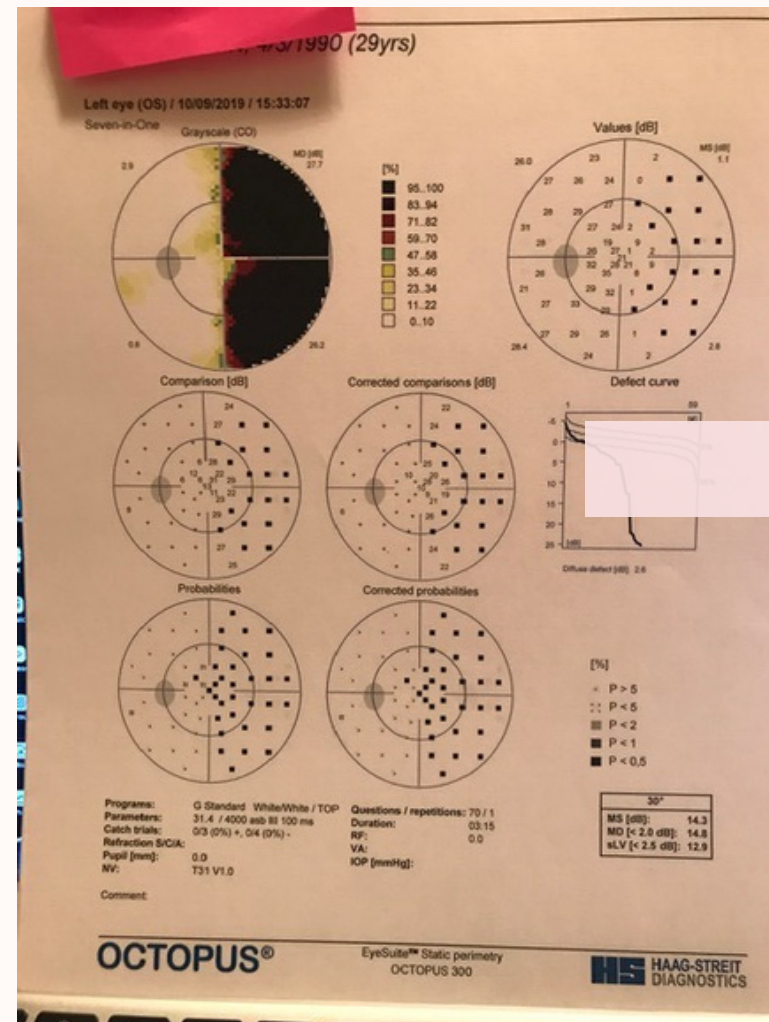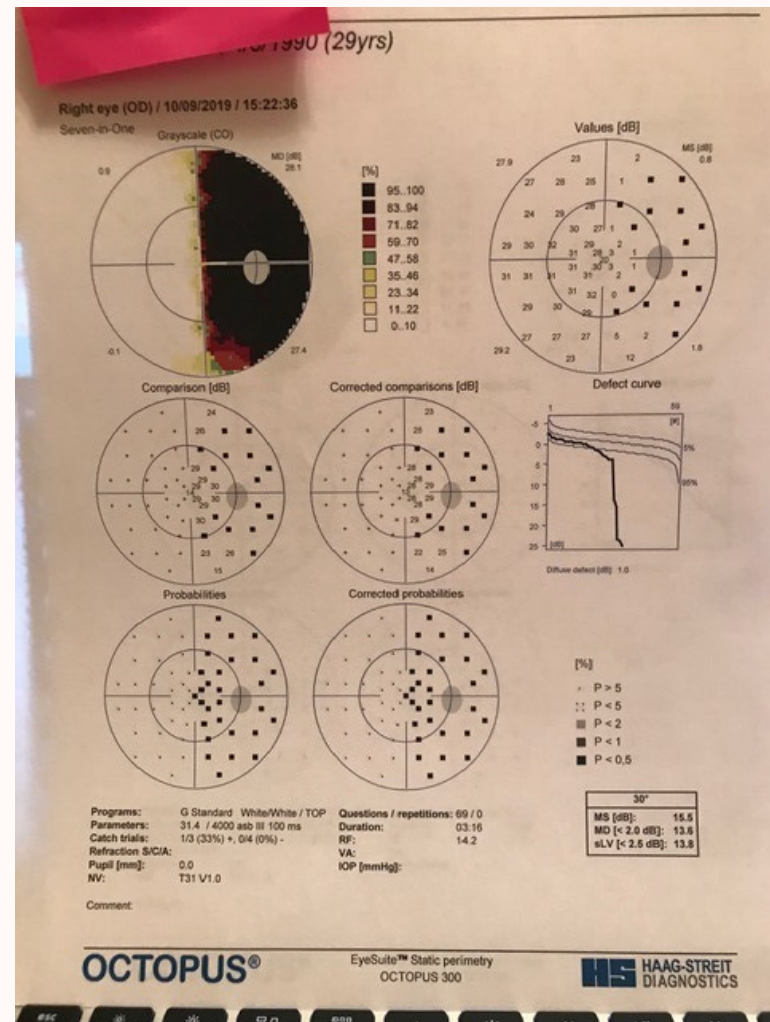SYNTONICS FIRST, THEN OPTOMETRIC VISION THERAPY
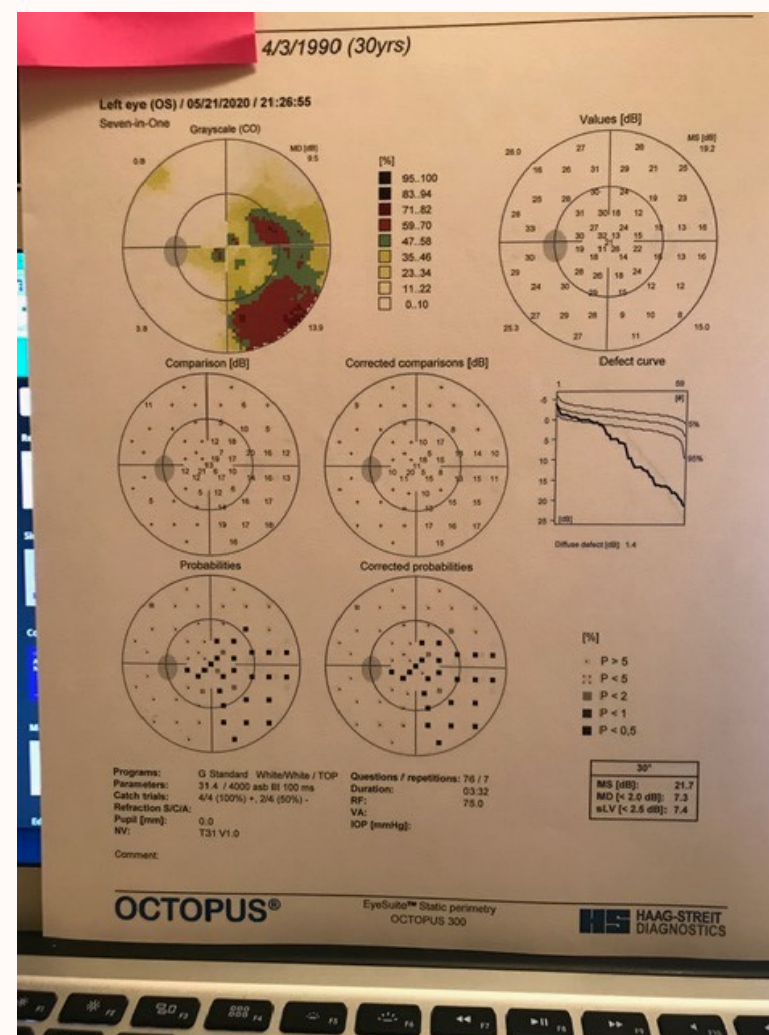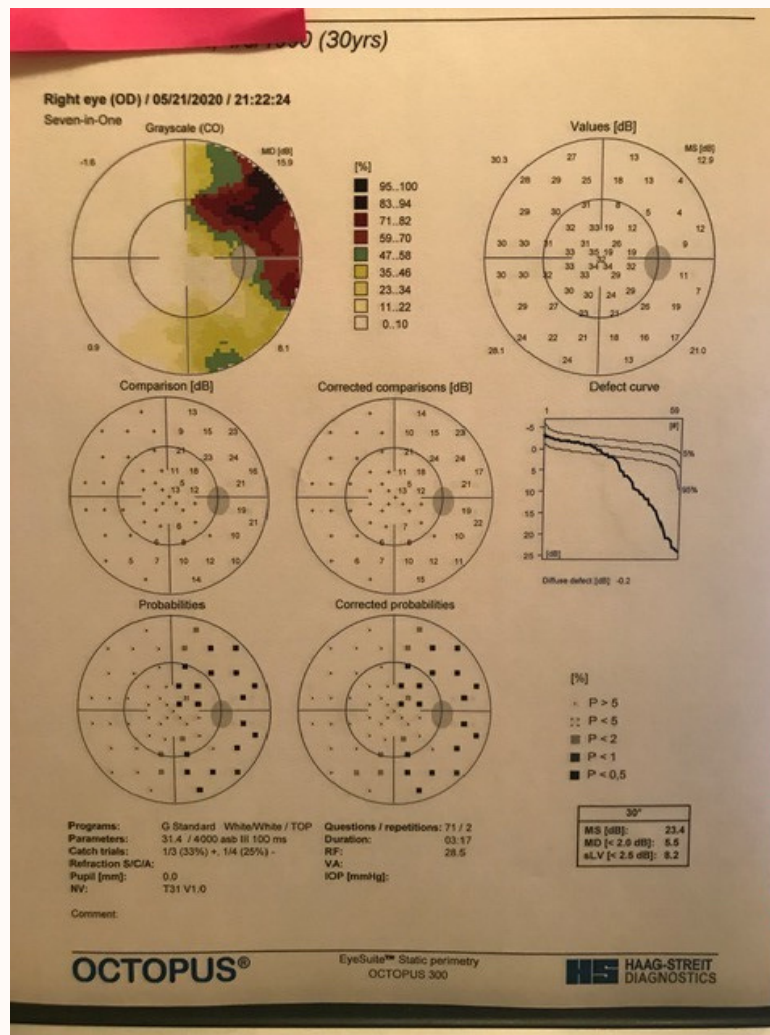
Case: Fields

THRESHOLD
SYNTONIC FIELDS

MEASURING THE
EGOCENTRIC
SHIFT

Before & Current

Field Loss Post TBI

CONTINUING TO IMPROVE

10/09/2019: Initial Evaluation

05/21/2020: Last Progress Evaluation

Treatment Specific for Visual Field Loss

— SYNTONICS
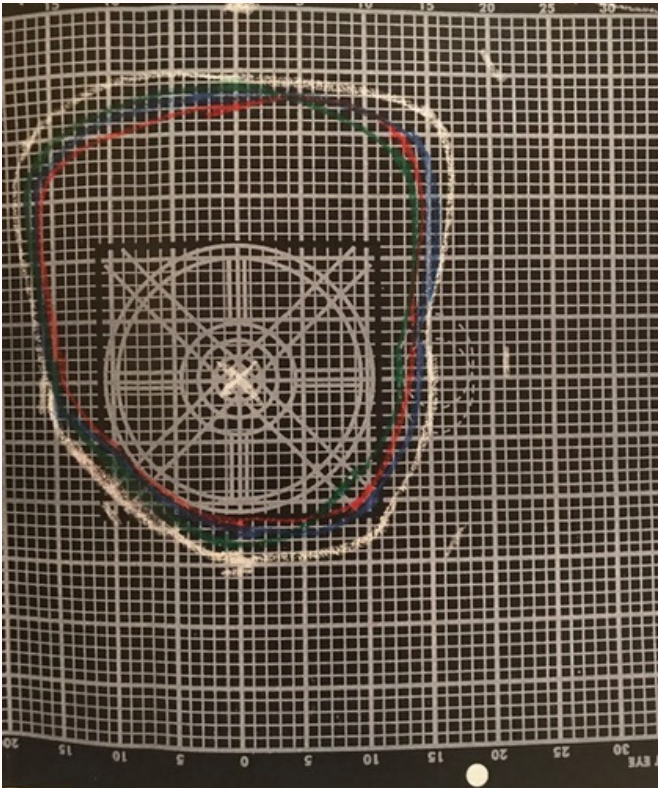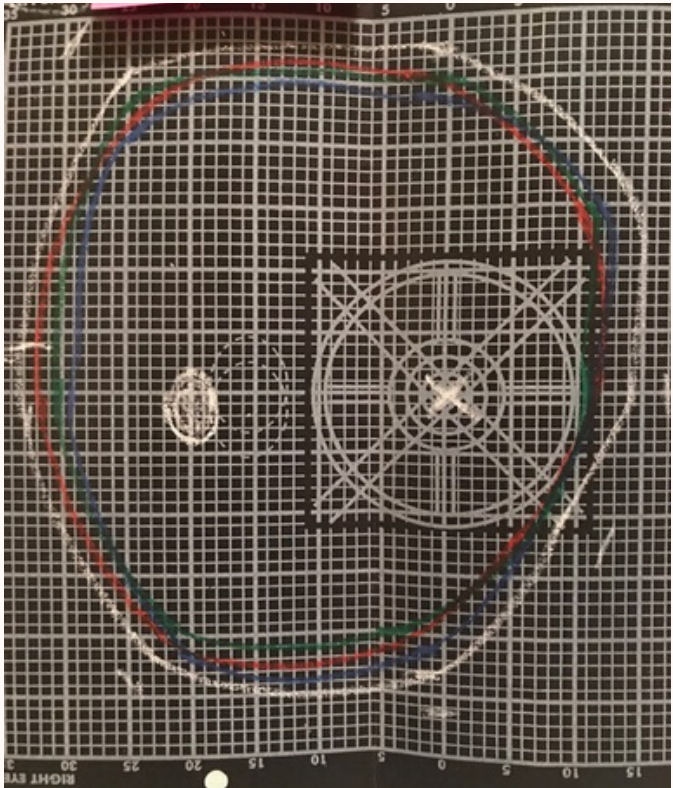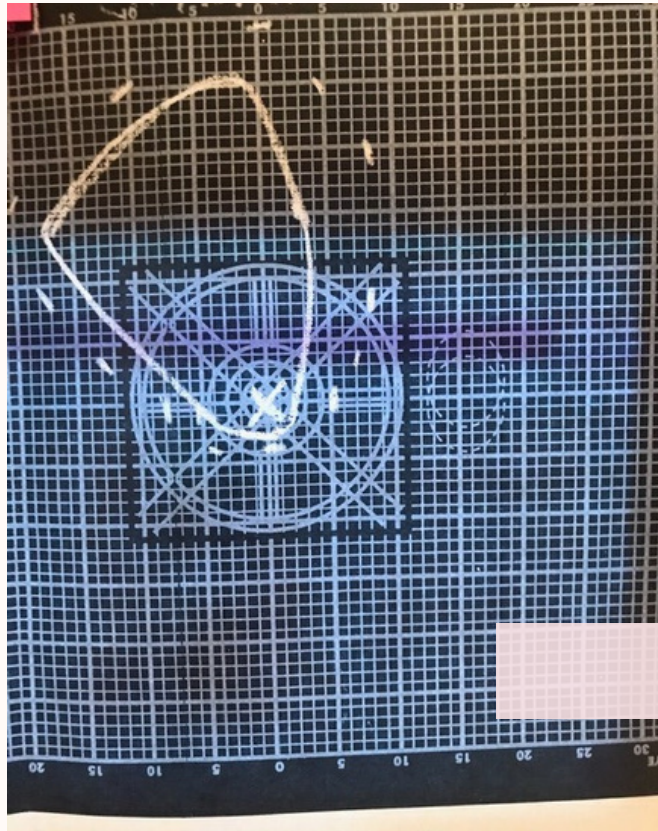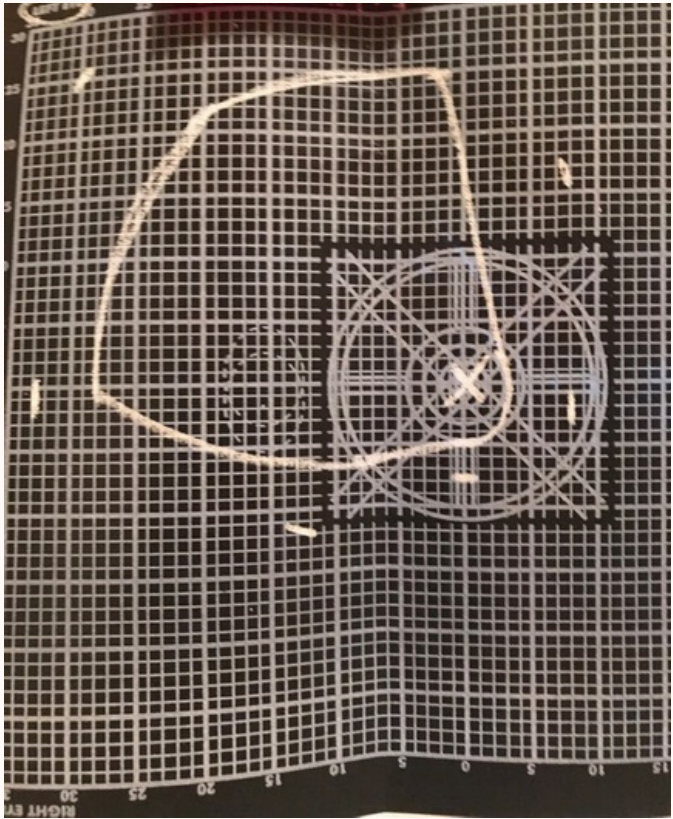
— YOKED PRISMS

— HEMISTIM

— OPTODRUM

— LOCALIZATION ON THE EDGE
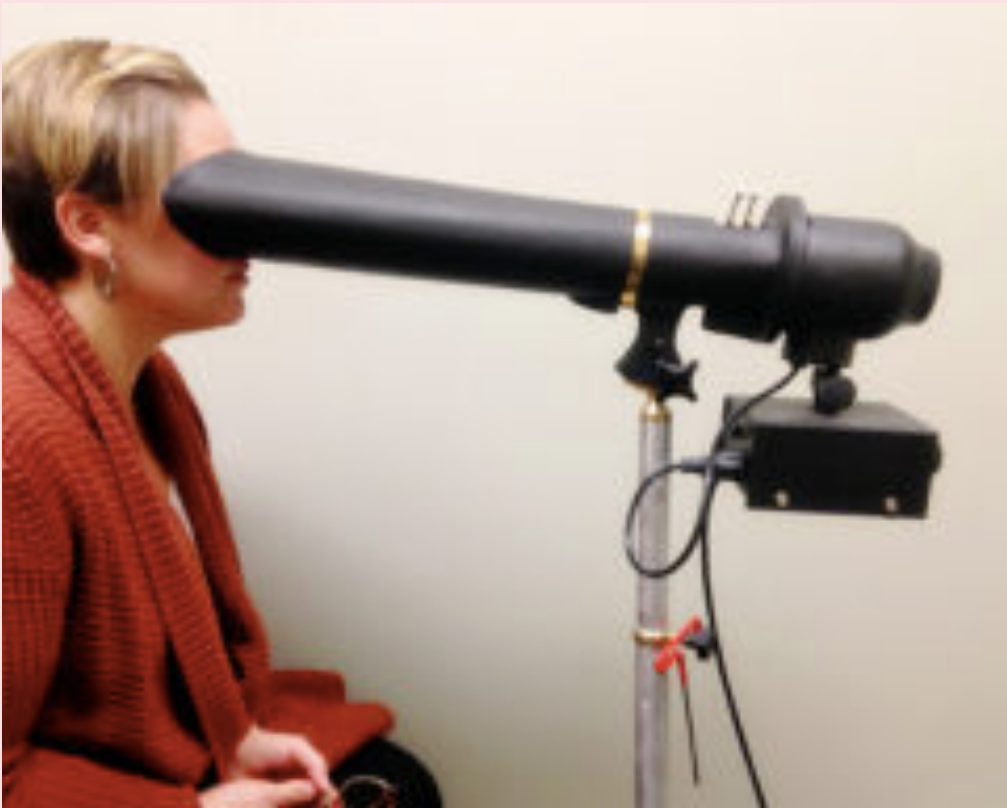
— VISUAL MOTOR AT THE EDGE

Syntonics improves outcomes for patients with visual field loss post traumatic brain injury

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Syntonics Improves Outcomes

Keep
It
Simple

WHEN 90 DAYS + POST

BEGIN WITH CHRONIC COMBO
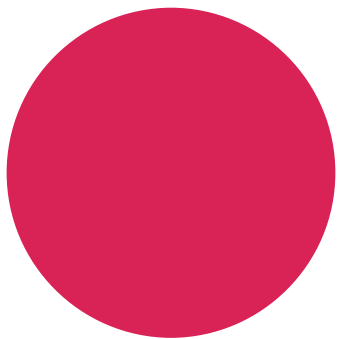
ALPHA/OMEGA & MU/DELTA

In-office: Once a week with College Unit
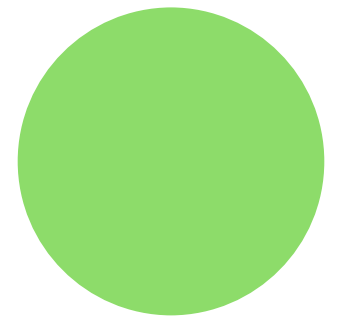
5X/WK
HOME UNIT

RUBY: 10 MINUTES

$$\frac{\alpha \ \omega}{\mu \ \delta}$$

LEMON/LIME: 10 MINUTES

Monocular HemiStim

STIMULATE SIDE OF DEFECT

HemiStim
Medical

OptoDrum Ap

Saccade into area of defect.

OptoDrum
Medical

Localization on the Edge

MEASURE EDGE OF VFD

PLACE TARGET AT EDGE

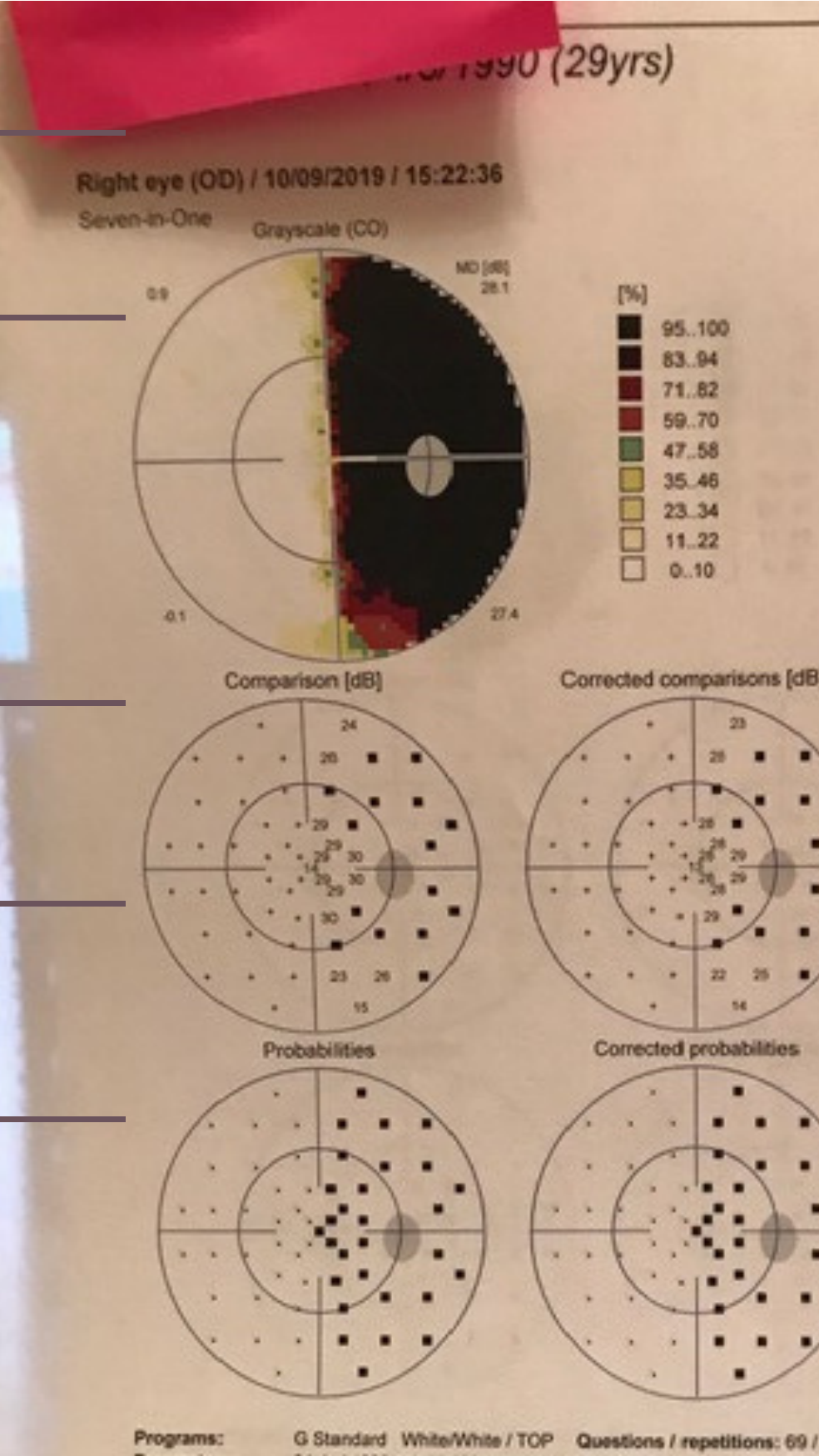PATIENT LOOKS

PATIENT CONNECTS TARGET

MEASURE EDGE OF VFD

PLACE TARGET AT EDGE

PUT OTHER TARGET IN VFD AREA

PATIENT LOOKS AT TARGET

PATIENT FOLLOWS TARGET

SACCADE TO OTHER TARGET

Visual Motor at the Edge

Thank You

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