



# Syntonics & Stroke

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# Disclaimer

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OPTOMETRIC PRACTICE

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PUBLIC SPEAKING

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PRIVATE VT RETREAT  
SEMINARS

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VISUAL SECRETS AUTHOR

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ONLINE COURSES FOR VISION

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VP OF COLLEGE OF SYNTONIC  
OPTOMETRY

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MEMBER AOA INFANTSEE  
COMMITTEE

"Younger Patients (below age 60) Can have Significant Improvements with Syntonic Light Therapy"

- BRENDA MONTECALVO, OD

# Case Report Matthew Stroke in Utero



SYNTONICS LIGHT THERAPY AND  
STROKE



# The Case:CVA

10/08/2008

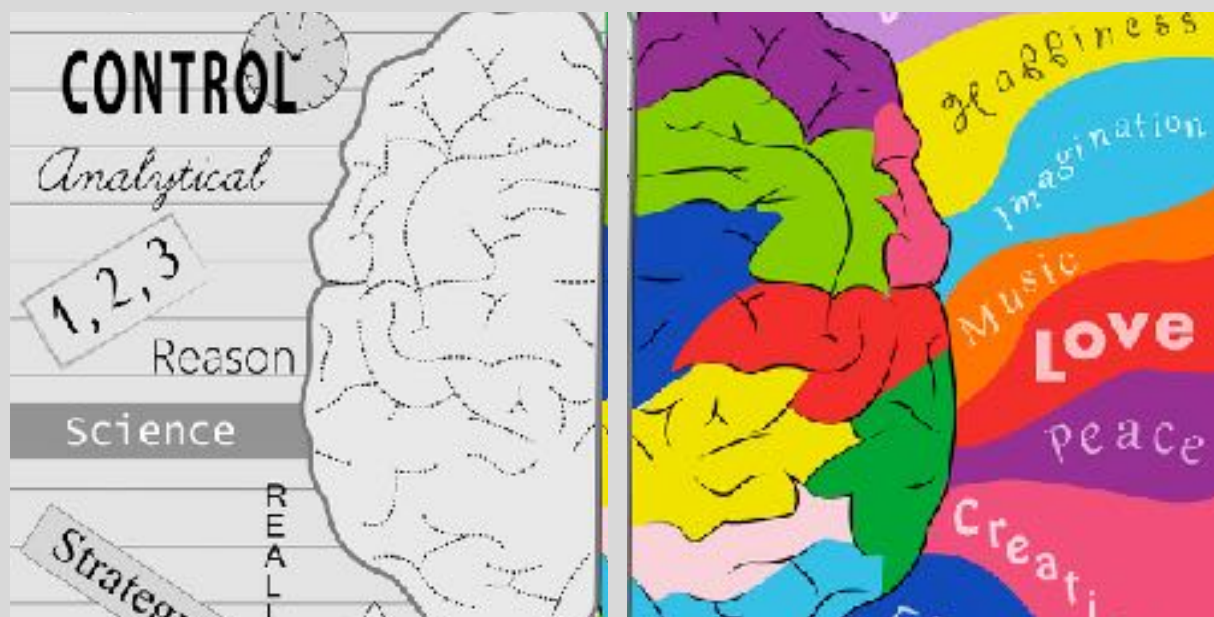
CP

3 Eye Surgeries

Alternating Exotropia

Daily Patching 3hrs/day

No Eye Contact



MANAGED WITH SYNTONIC  
LIGHT THERAPY FOR 14  
YEARS



# The Case

Left Hemianopsia

Left Hemiparesis

(no use of left hand, brace on left leg)

No Stereopsis

Developmental Delays



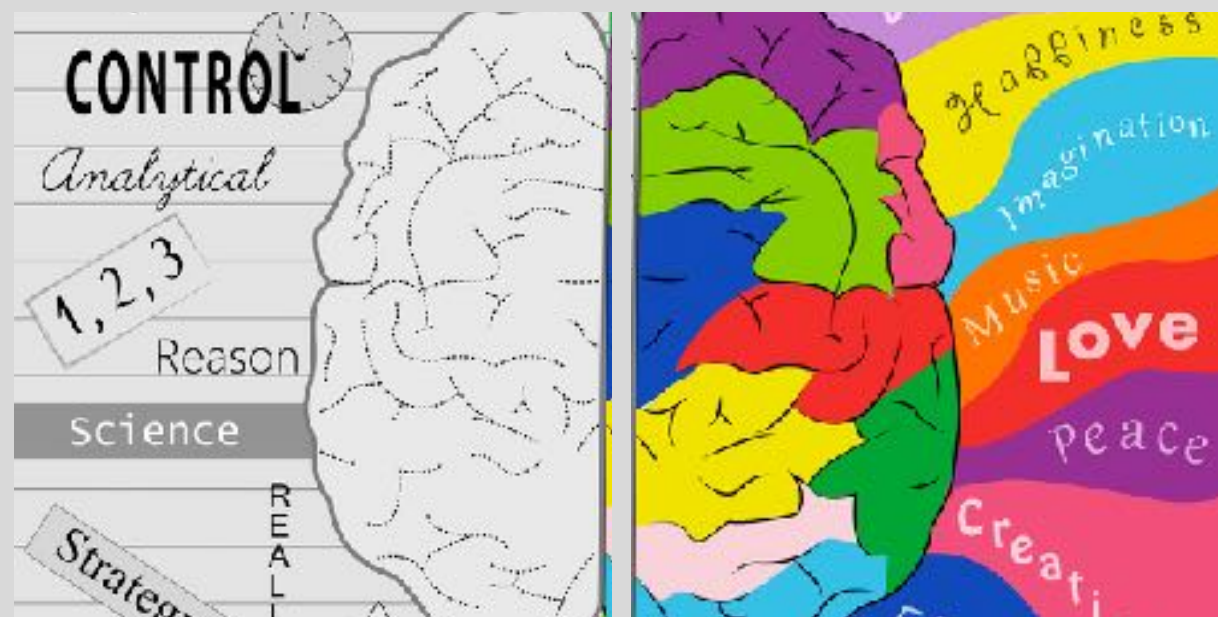
MANAGED WITH SYNTONIC  
LIGHT THERAPY FOR 16  
YEARS

# The Case

Brief to no fixation with  
no pursuits or saccades

VA: R-20/40, L-20/50

2 Diopters of  
Astigmatism

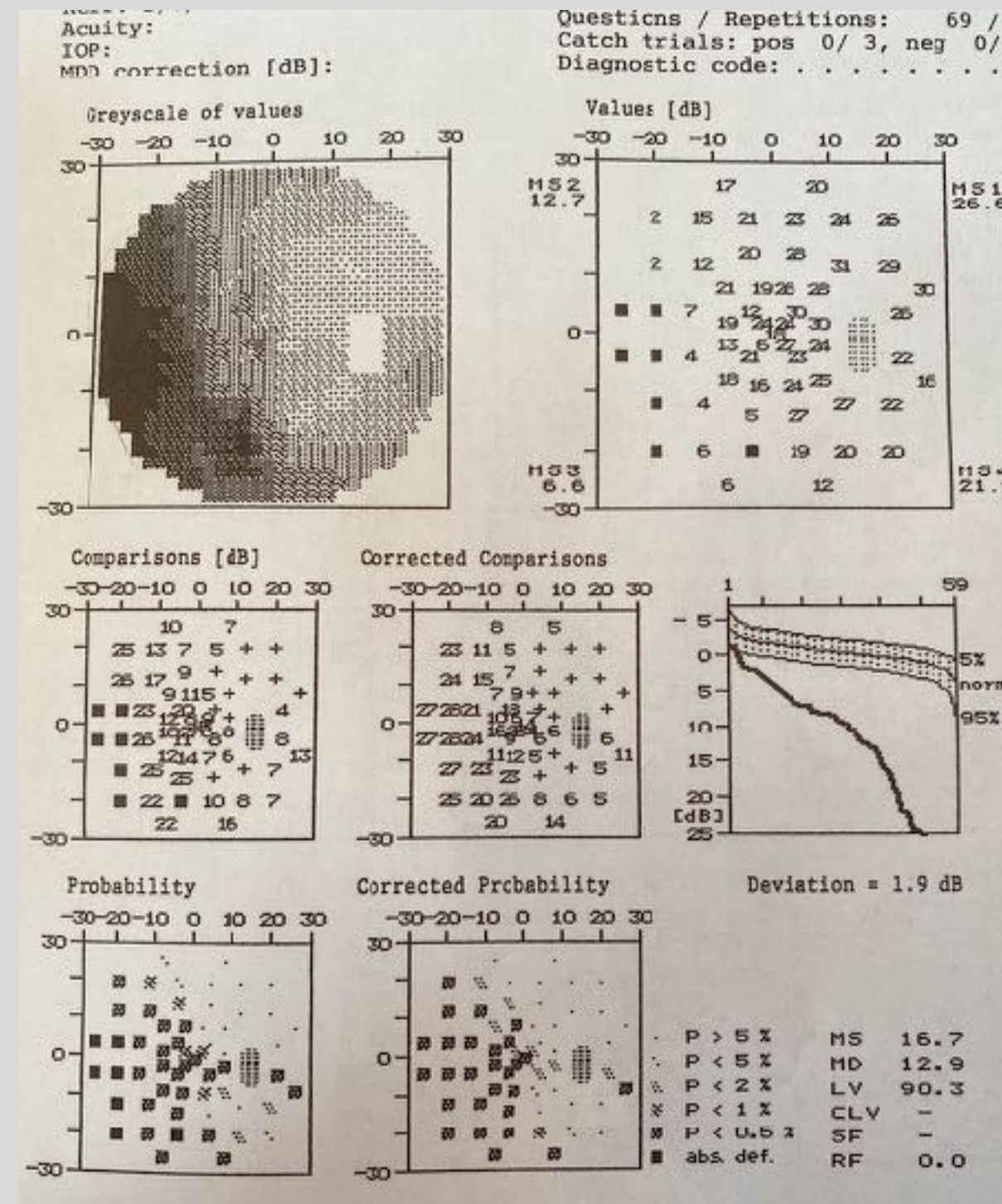
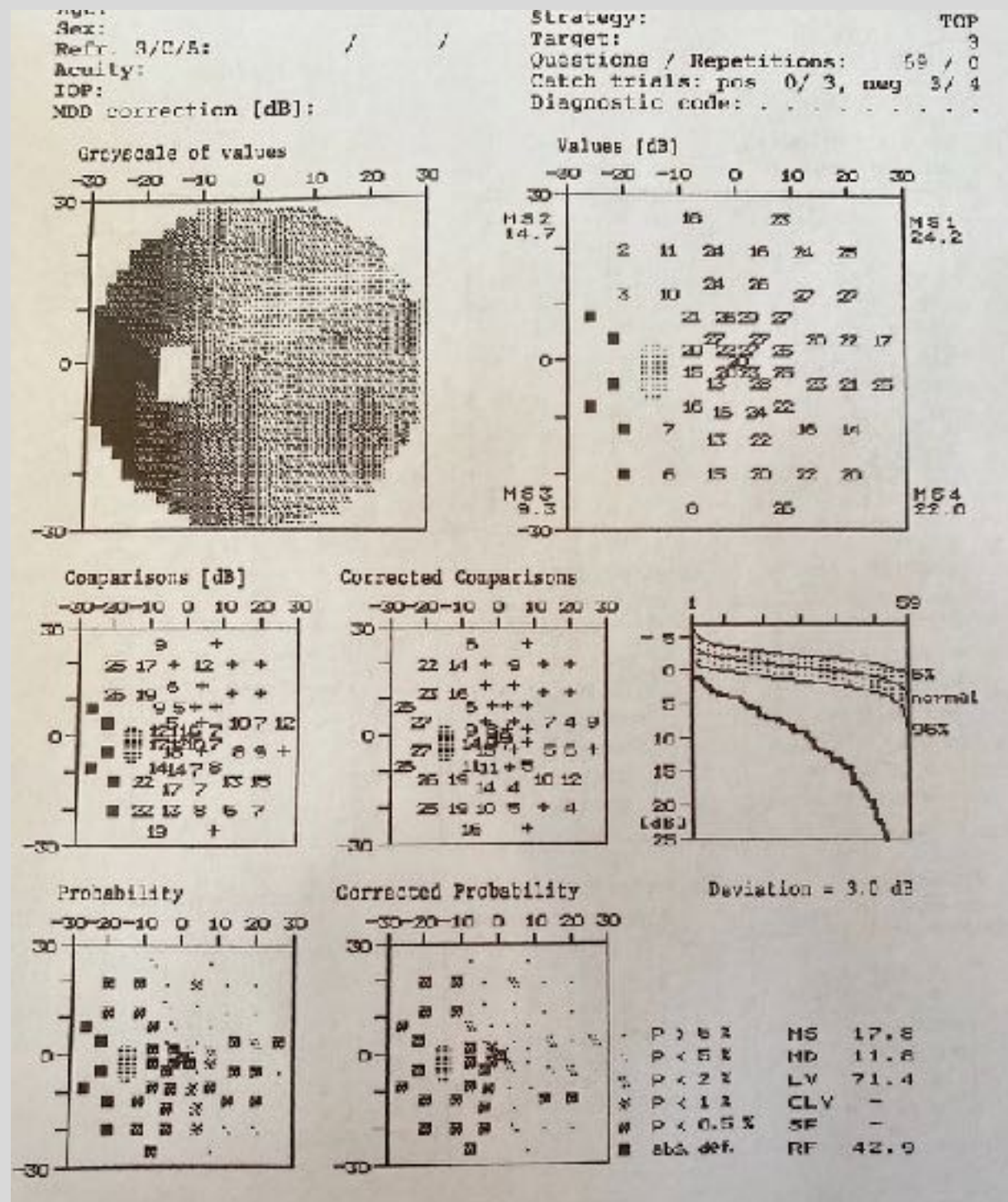


MANAGED WITH SYNTONIC  
LIGHT THERAPY FOR 16  
YEARS



# Case: Threshold Fields

January 23, 2012

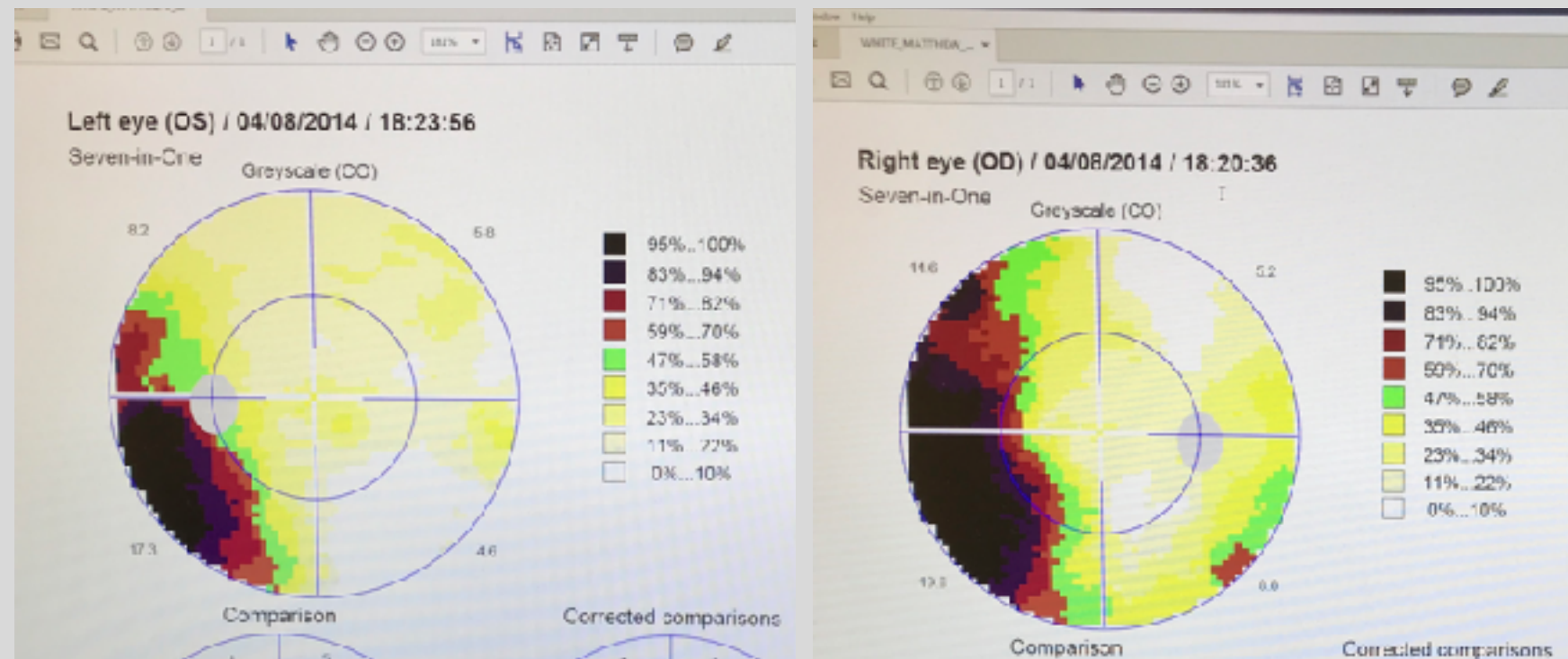




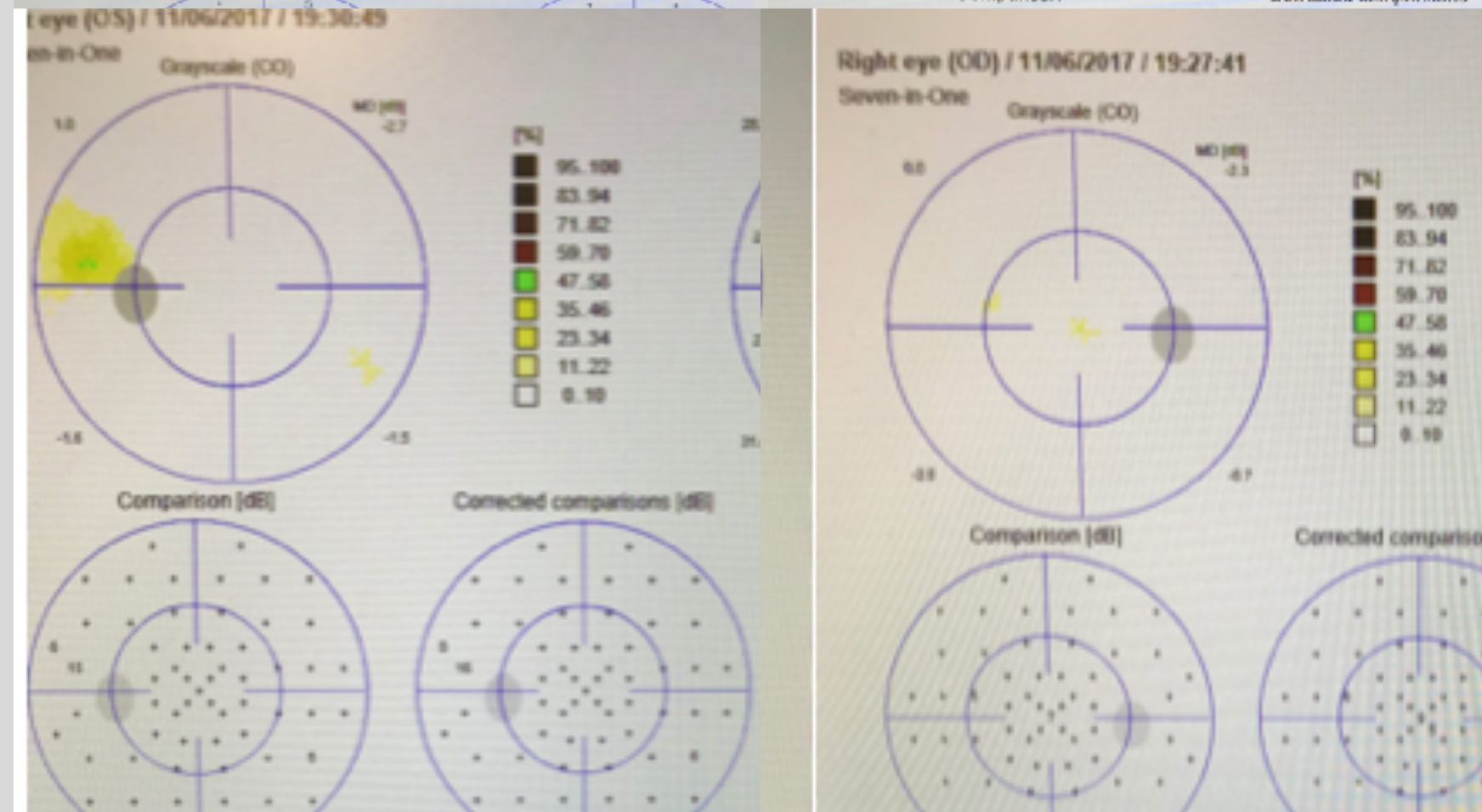
# Case: Threshold Fields



April 2014



November 2017

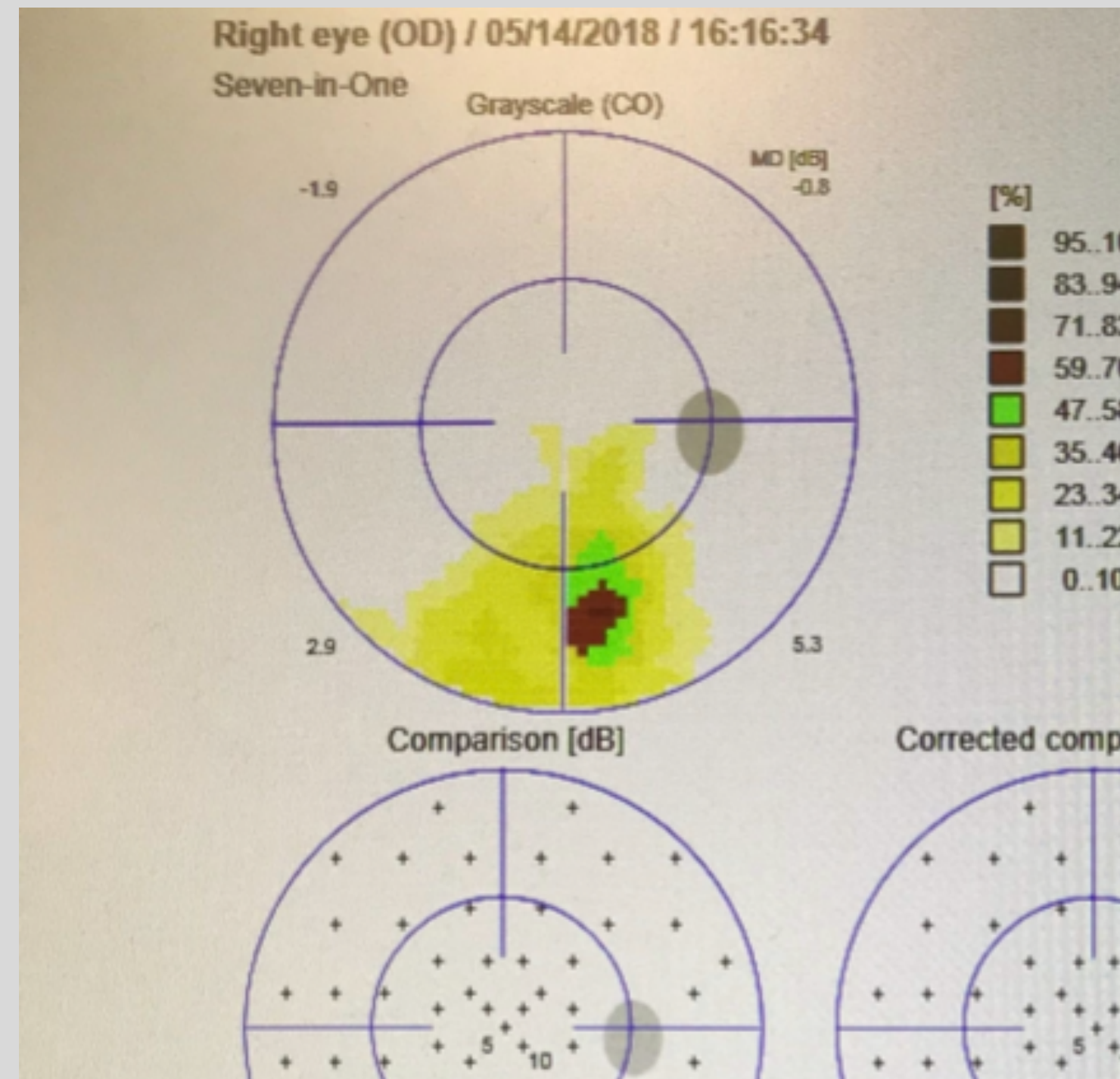
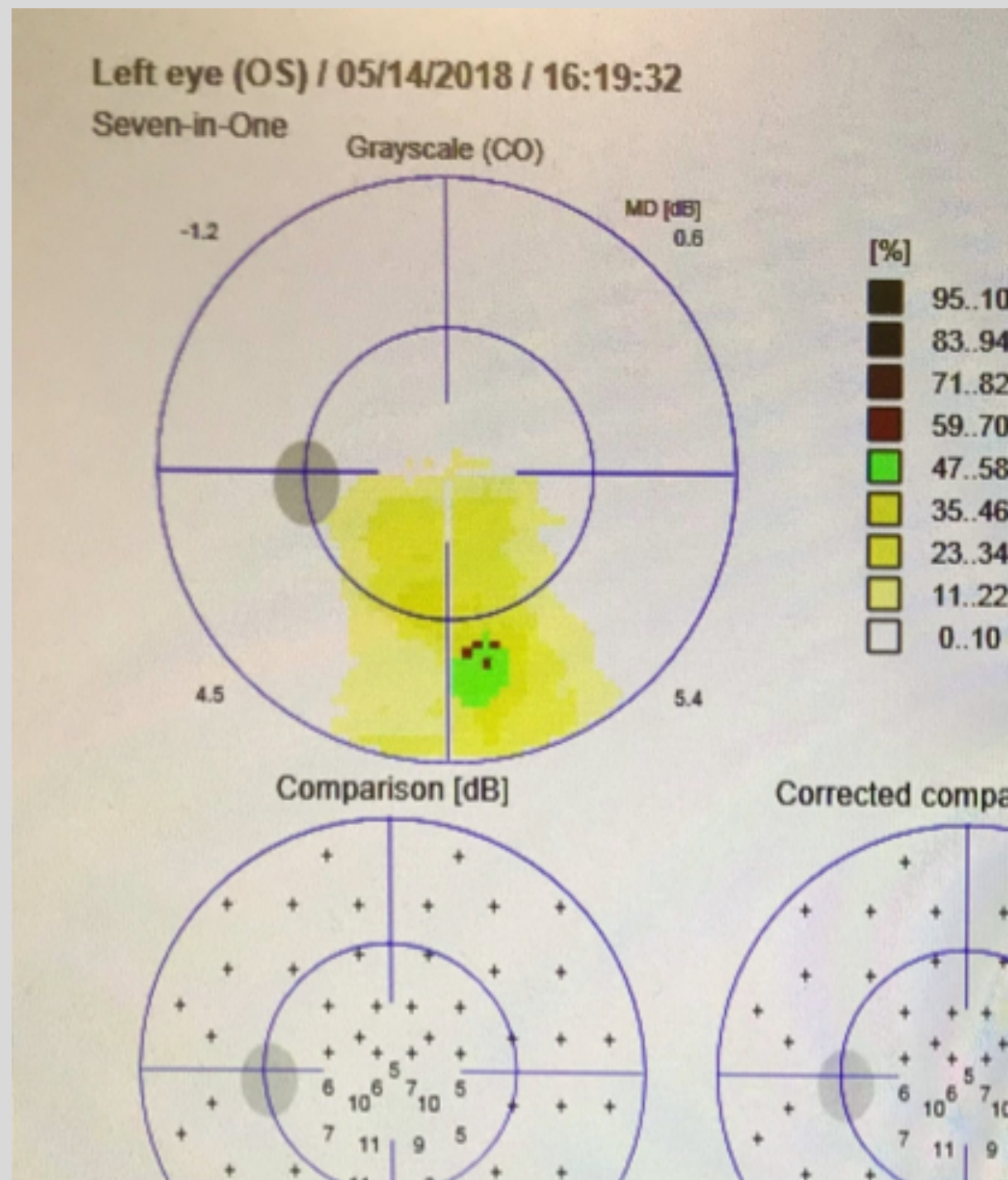




# Case: Threshold Fields

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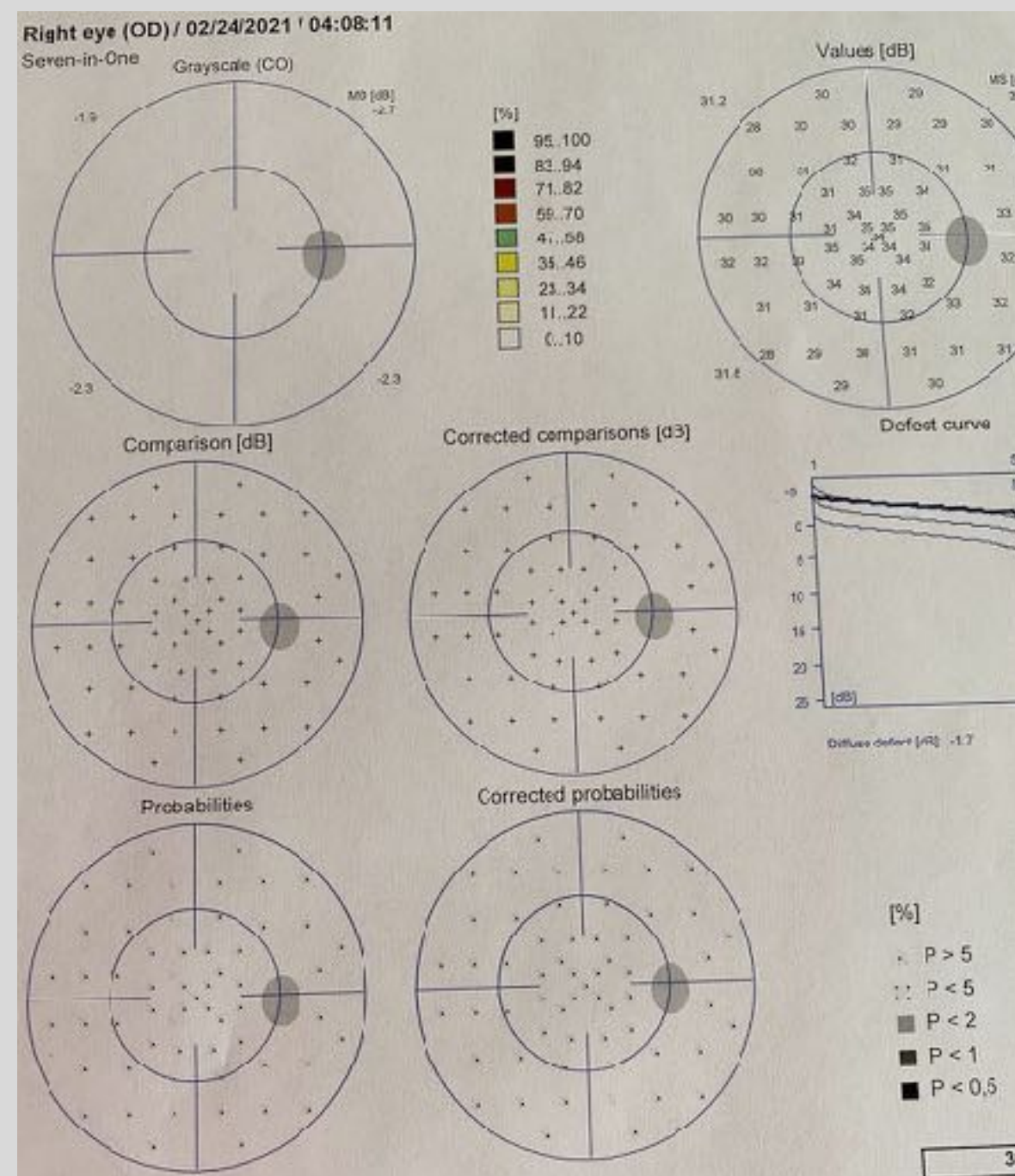
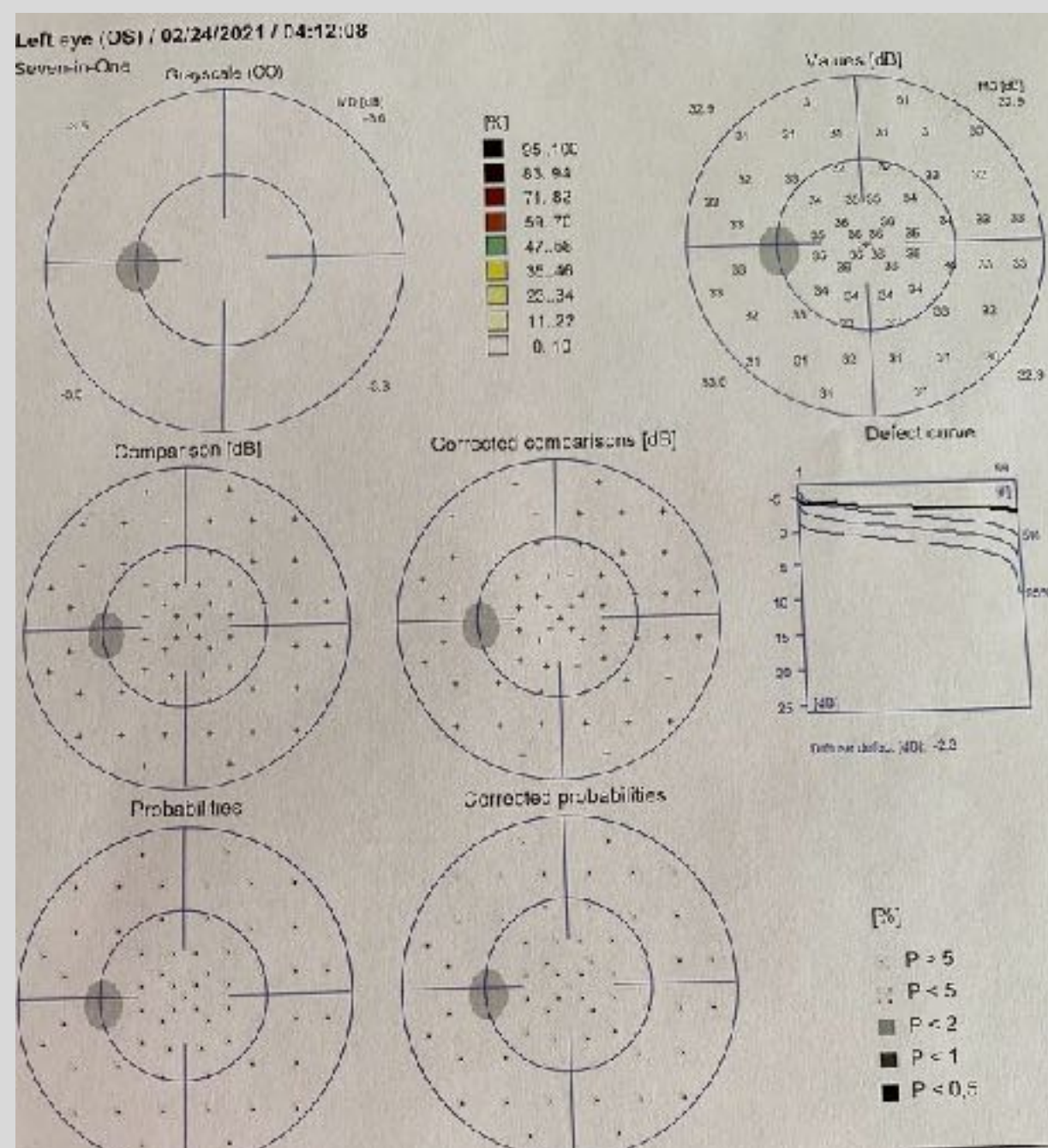
Nov. 2018



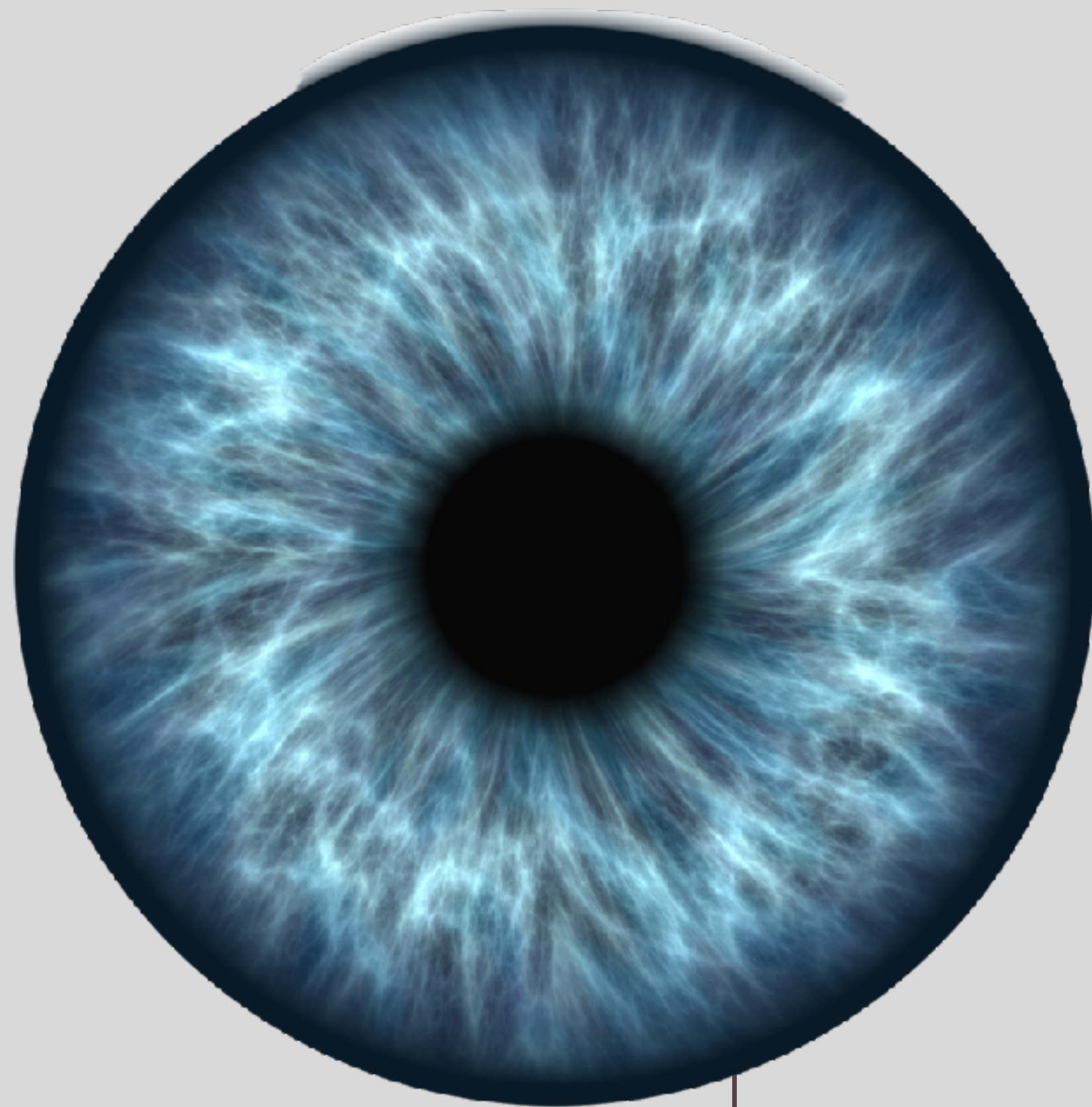


# Case: Threshold Fields

February 21, 2020





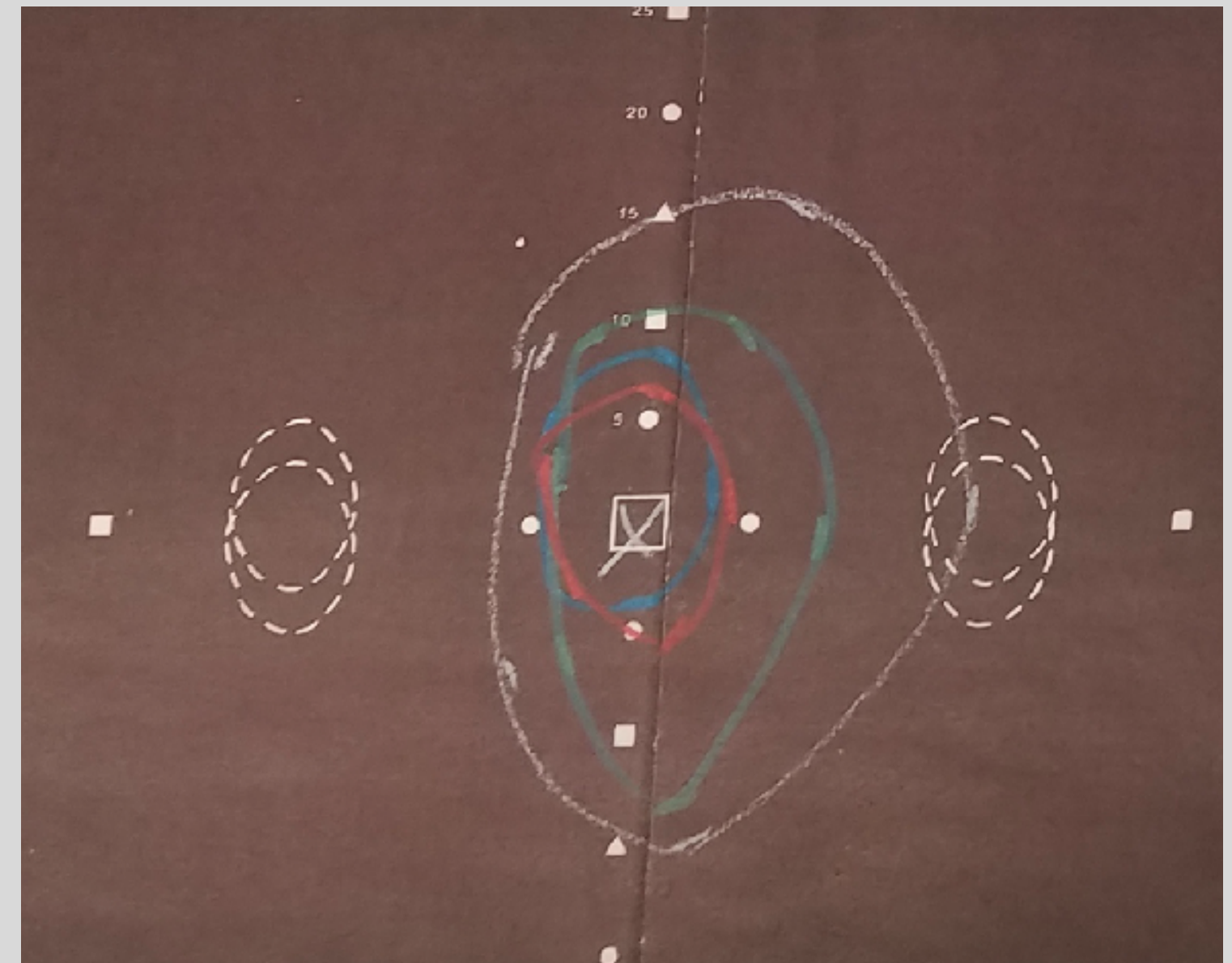
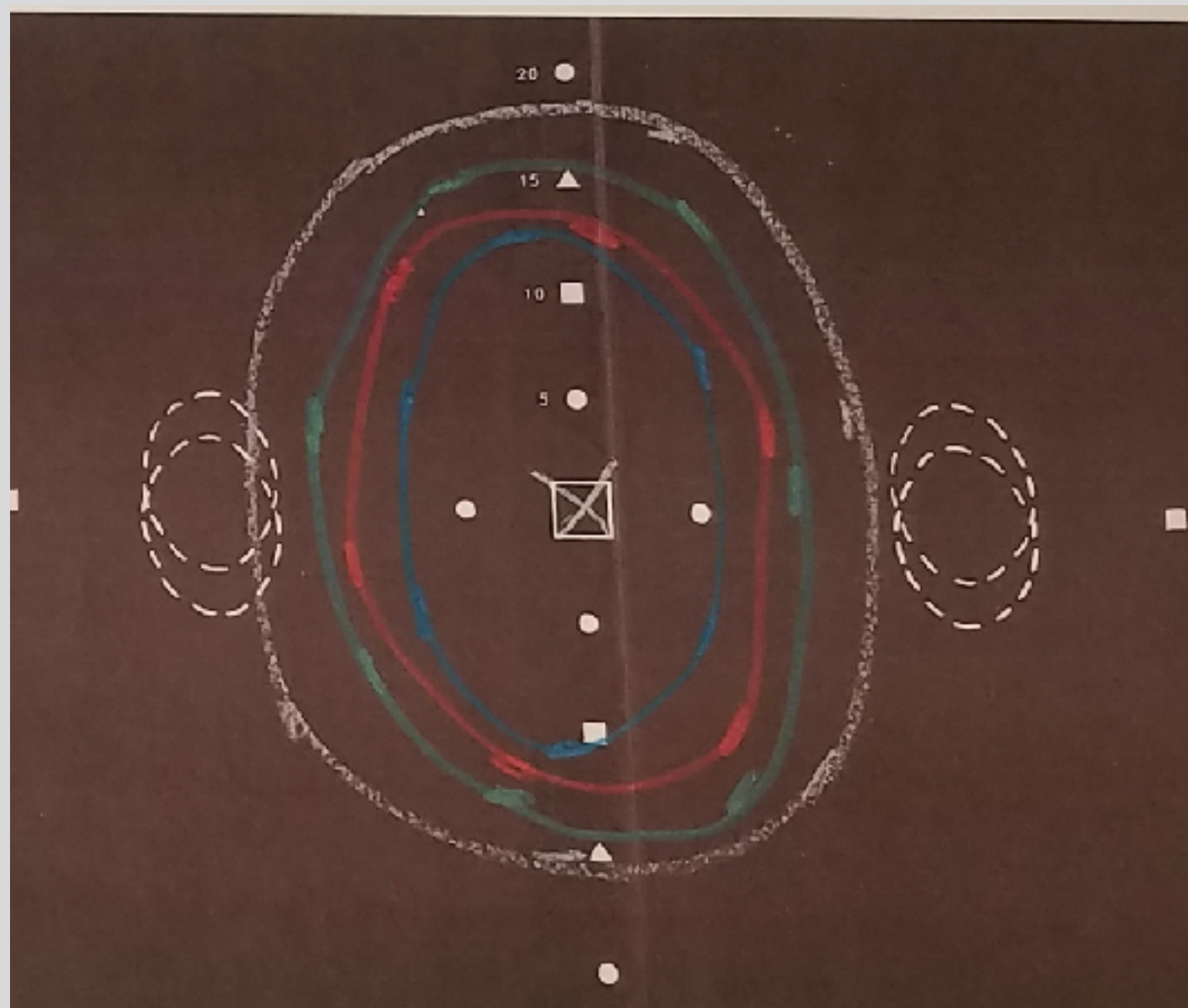


ALPHA PUPIL:  
RAPID DILATATION



# Case: Syntonic Fields

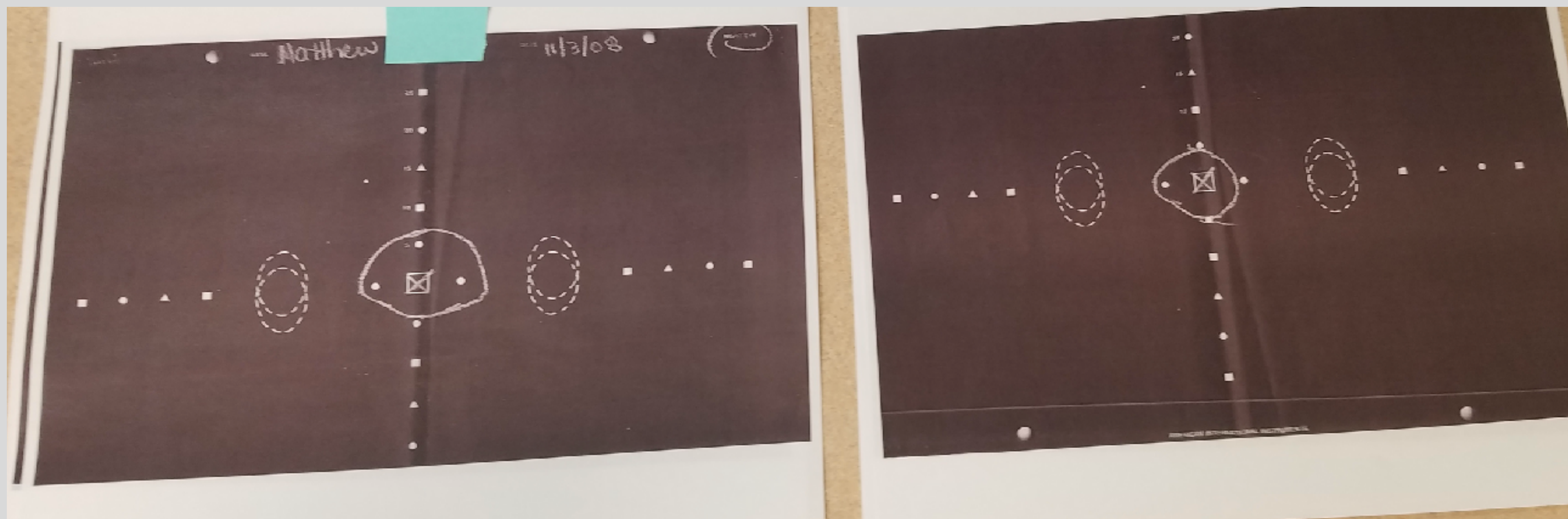
10/03/2008 Blue Filters: Mu Upsilon





# Case: Syntonic Fields

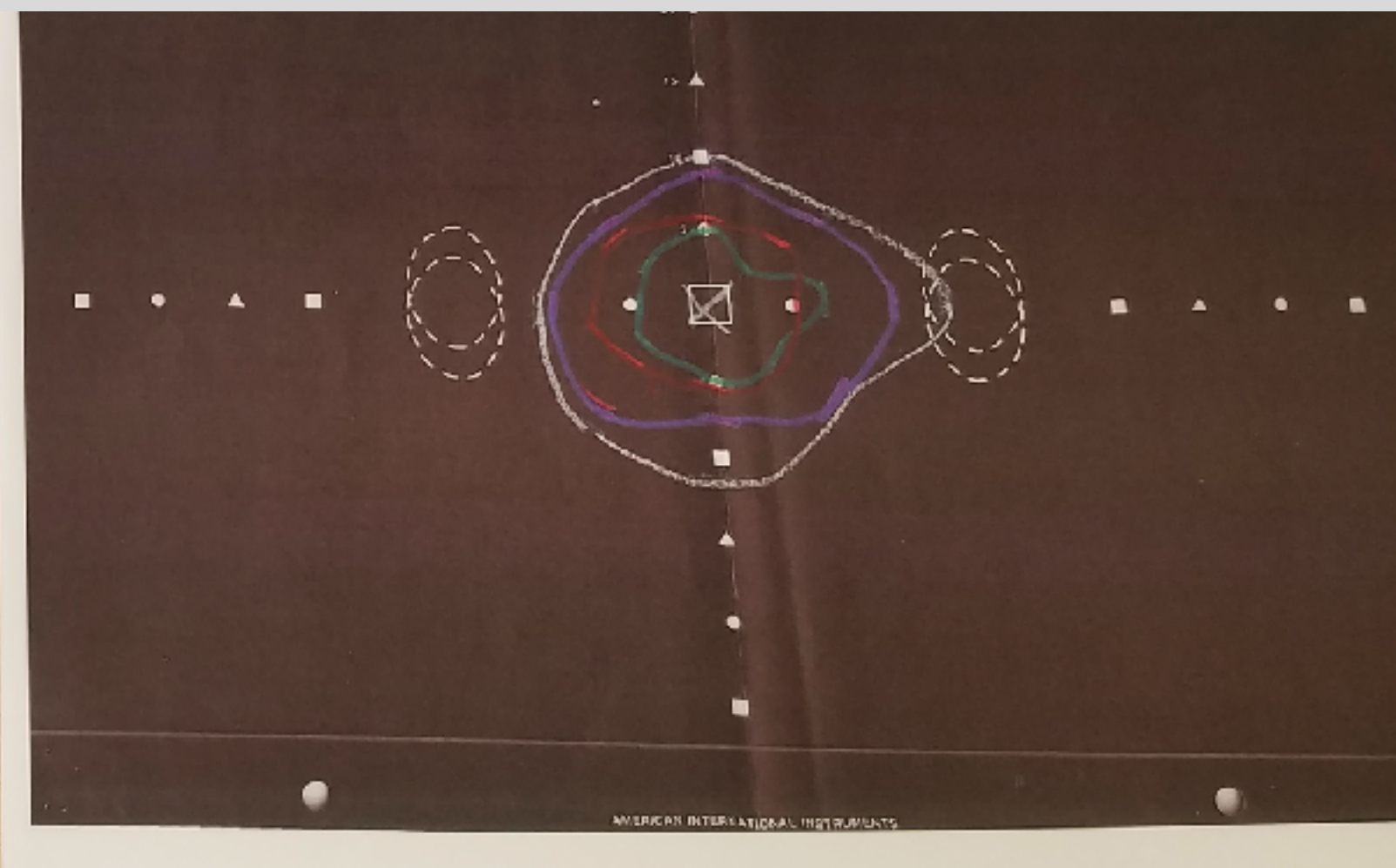
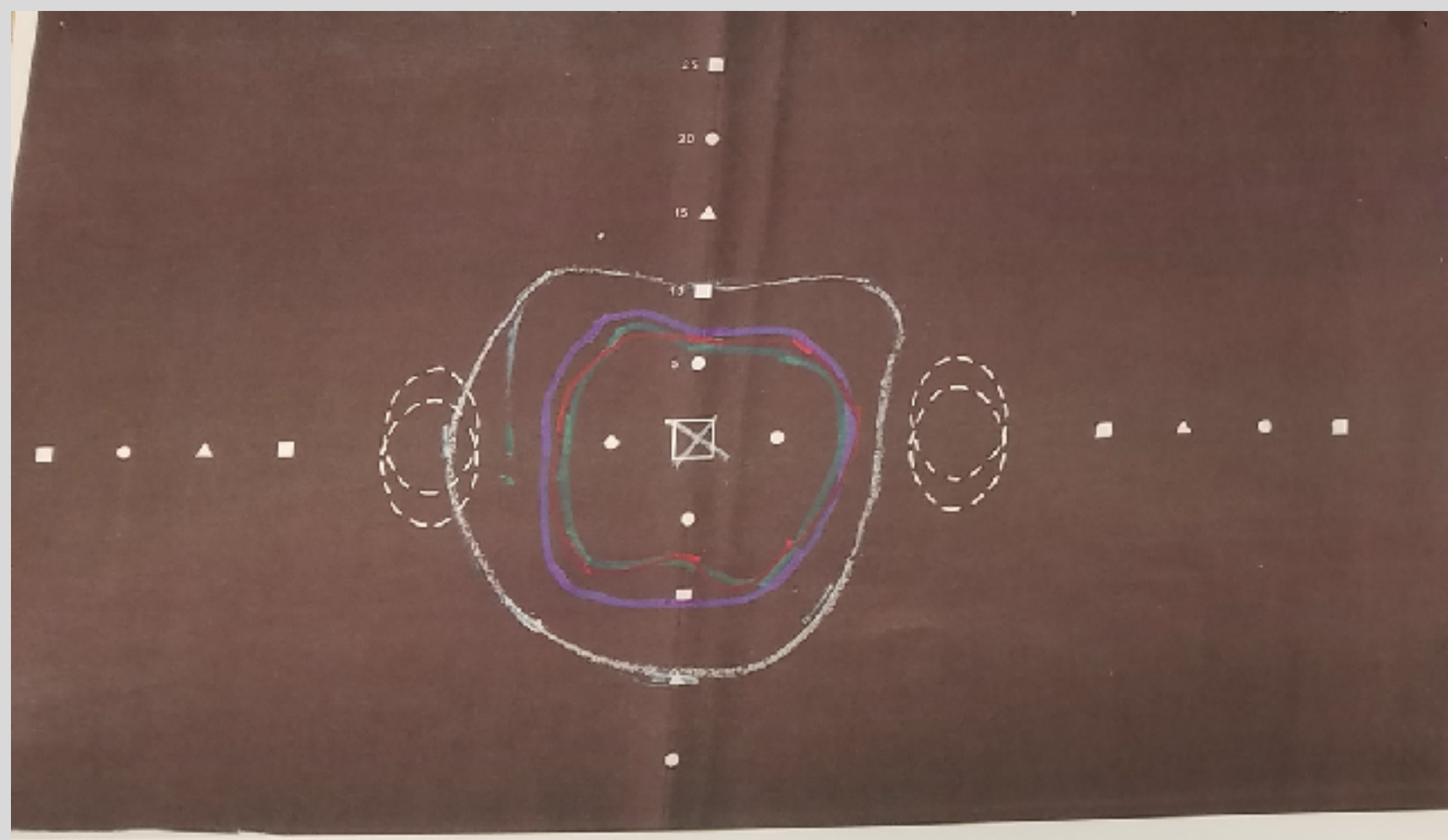
11/02/2008 Changed Filters: Alpha/Omega; Mu/Delta



# Case: Syntonic Fields

11/24/2008

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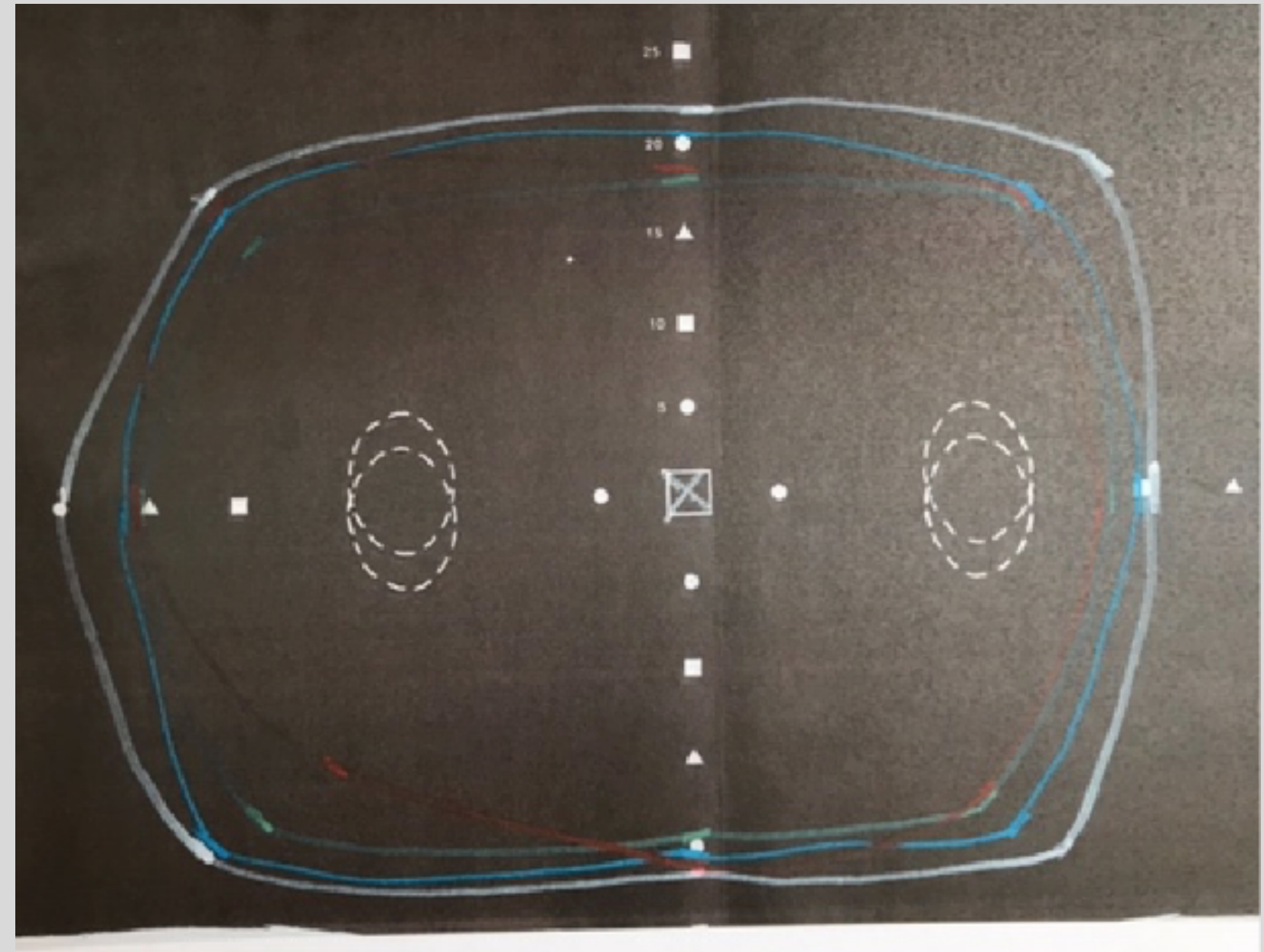
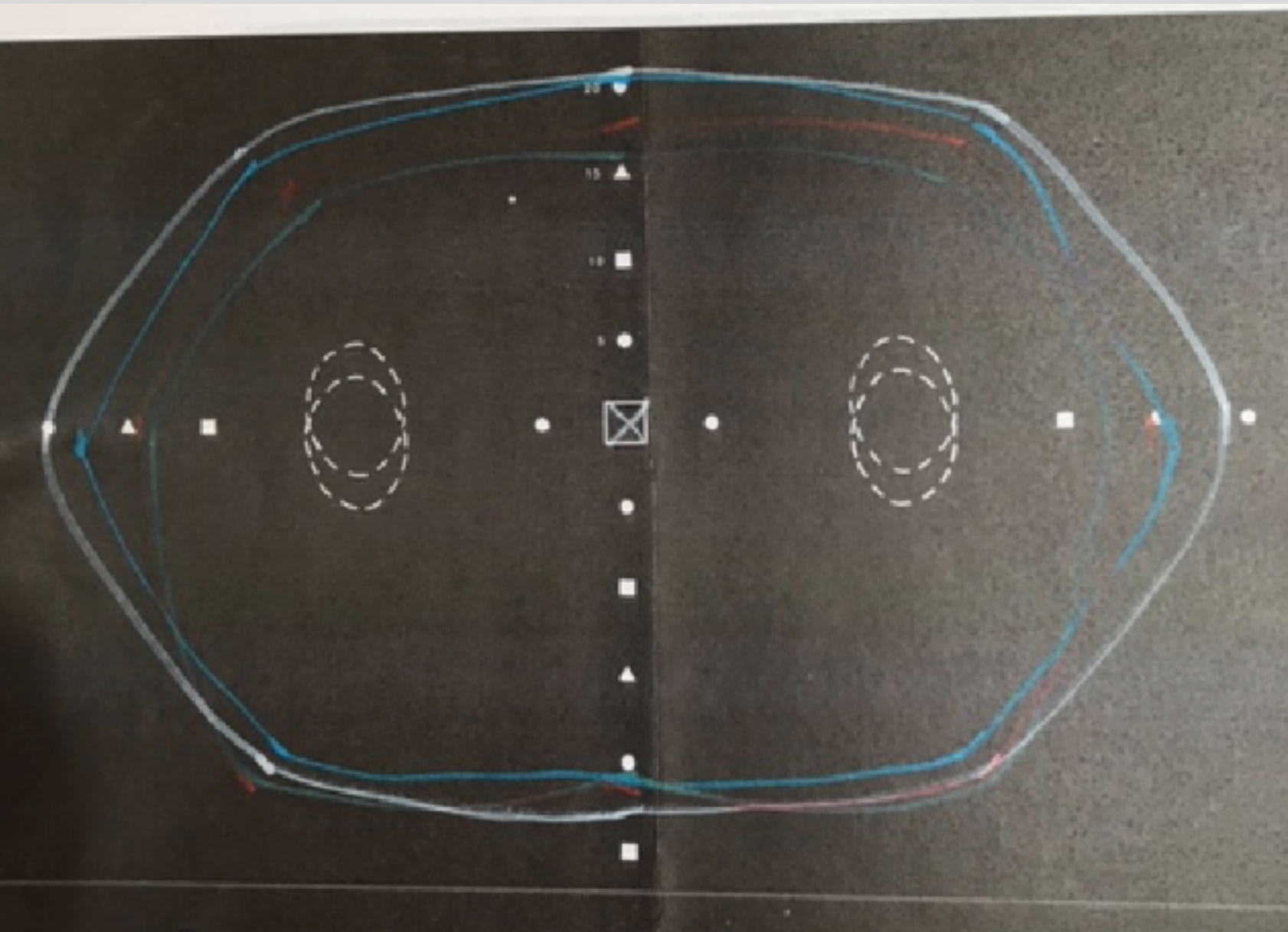




# Case: Syntonic Fields

12/22/2008

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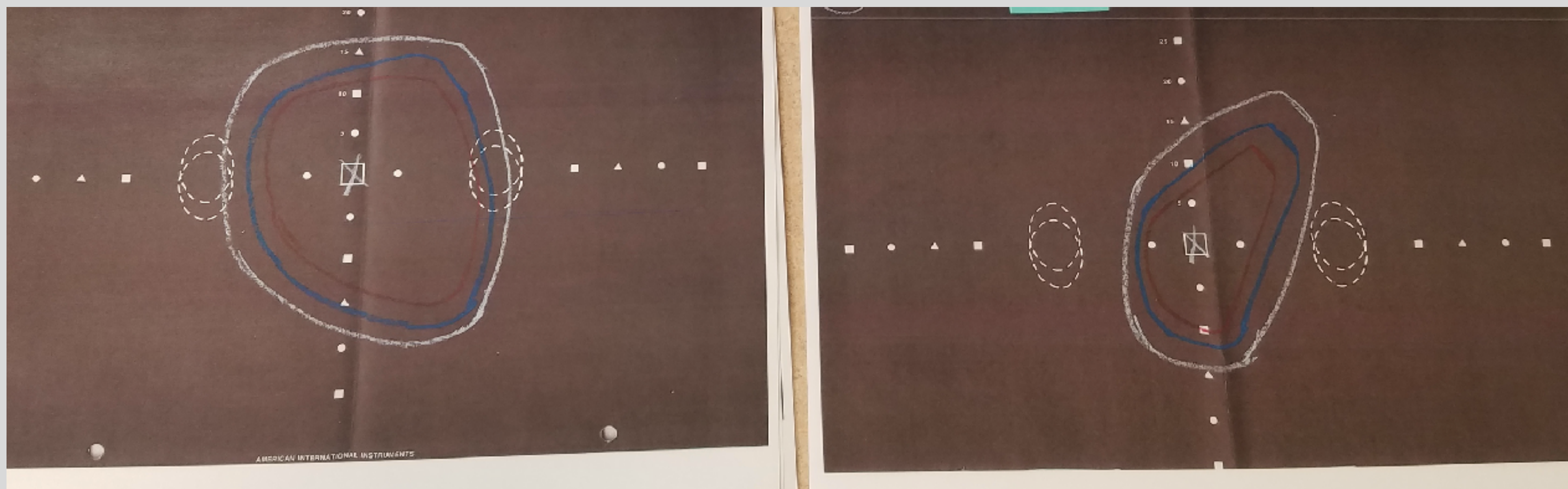




# Case: Syntonic Fields

01/6/2011

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# Syntonic Instruments

SYNTONICS

SEARFOSS VISUAL FIELD UNIT

NEAR VISION FIELDS



College Unit



Home Unit, Glass Filters

# Five Years Post Insult

5 YEARS POST INSULT

KINESIOLOGY CONFIRMED THE  
CHRONIC COMBINATION

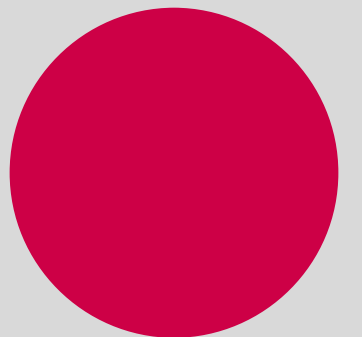
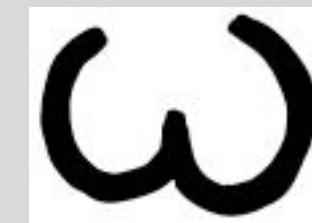
ALPHA/OMEGA & MU/DELTA

In-office:  
Once a week  
with  
College Unit

HOME:

5X/WK  
HOME UNIT

RUBY: 10 MINUTES



LEMON/LIME: 10  
MINUTES



# Outcome

02/24/2021

Star Hockey Player  
Straight A student  
College Major: Pre-Med  
VA: R-20/20, L-20/20  
Normal Visual Fields  
No Physical Limitations



MANAGED WITH SYNTONIC  
LIGHT THERAPY FOR 16  
YEARS



# Thank You

Syntonic Light Therapy Helps Patients Who have  
Suffered a Stroke

- BRENDA MONTECALVO, OD, FCOVD, FAAO, FCSO

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