

Patient Code:

MS020

Recording Date(s): Lizbeth / Jackie / Salman

Experimenter(s): 1/31/23 - 2/7/23

### Patient Information (required)

Age: 31

Sex (circle one): Female Male Other

Handedness (circle one): Right Left Ambidextrous

Ambidextrous Rating (if applicable):

Primary Language: English

Secondary Language(s):

Years of Education (starting with grade school): 4 credits short from completing A.A.

### Clinical Information (required, ask doctor)

Language Lateralization (circle one): Right Left Both

Lesions and tissue abnormalities: small zone of encephalomalacia affecting the right thalamus, multiple scattered foci of susceptibility within cerebral hemispheres consistent with known calcifications

Epileptic Source (include channel names if possible): Lm01F 6-8, Lacas 9-11, Recas 10-12, LmCms 7-9, RmCms 7-9, Lalmf 12-14, Ralmf 12-15, ONSET: LaLIT

IQ Notes: TPF (RAQ: 28, SS: 86, 18%, Low Avg) FSIQ2 (866, SS: 71, 3%, Below Avg)

Comorbidities:

### Additional Notes

Bilateral hippocampal slowing L > R, epileptiform potentials in hippocampus / amygdala and in L lesion in the anterior temporal lobe

Neuralynx (connected on Jan 27, disconnected on Feb 1)

Rm01F - A (50)

RAg1T - B (36)

Lm01F - C (15)

LAG1T - D (15)

Ripple (connected on Feb 2nd)

Bank A - 36 RAg1T → contact has moved up as of 2/7/23

Bank B - 50 Rm01F

Bank C - 75 LAg1T

Bank D - 15 Lm01F

Patient Code: MS020

### Electrode Information (required)

Electrode component (i.e., grids, strips, depths) names should be listed as they appear on the recording computer. If the name of an electrode component is not shown on the recording computer, provide a logical acronym describing its location and list the channel number range.

Electrode Components:	Channel Number Range
Grid Name: _____	x _____
Strip Name: _____	1 x _____
Strip Name: _____	1 x _____
Strip Name: _____	1 x _____
Strip Name: _____	1 x _____
Strip Name: _____	1 x _____
Strip Name: _____	1 x _____
Depth Name: LmOIF	1 x 9
Depth Name: RmOIF	1 x 9
Depth Name: LaCas	1 x 12
Depth Name: RaCas	1 x 14
Depth Name: LmCms	1 x 10
Depth Name: RmCms	1 x 10
Depth Name: LqLIT	1 x 8
Depth Name: LAgIT	1 x 9
Depth Name: RAgIT	1 x 9
Depth Name: LHpit	1 x 10
Depth Name: RHpit	1 x 10
Depth Name: LaLmF	1 x 14
Depth Name: RaLmF	1 x 16

BF  
Research

BF  
Research

internal - external  
 medial orbital - lateral frontal  
 medial orbital - lateral frontal  
 ant cingulate - superior frontal  
 ant cingulate - superior frontal  
 mid cingulate - superior frontal  
 mid cingulate - superior frontal  
 anterior lesion - lateral temporal  
 amygdala - lateral temporal  
 amygdala - lateral temporal  
 hippocampus - lateral temporal  
 hippocampus - lateral temporal  
 anterior lesion - middle frontal  
 anterior lesion - middle frontal

Patient Code: MS20

Experimenter(s): Lizabeth/Jackie

Date: 1/31/23

Recording Block Information (required, complete at the start of each recording day)

Sampling Rate: 1024 Hz (edf) Analog Sampling Rate: \_\_\_\_\_

Reference Channel: \_\_\_\_\_

Zoom Mic (circle one, if applicable): A B C D E F

Patient Status Information (required, complete at the start of each recording day)

Mood: \_\_\_\_\_

Pain Level: 1 (no pain) 2 3 4 5 (very high)

Level of Fatigue: 1 (not at all tired) 2 3 4 5 (exhausted)

Drug Status/Medications: Cenobamate 100 mg Lacosamide 200 mg Levetiracetam 2000 mg

1/31

Block #:	Task Owner: PanOV	Task Name: Meditation	File Name: Healthy Minds App	
Photodiode Chan: DC	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: R L
Task Start Time: 3:11 pm *	Task End Time: 3:27 pm			
Interruptions (time range and description): pt next door was loud during session				
Noisy Channels:				
Task Notes:				
3:11 pm Intro to Meditation				
3:14:50 pm Meditation start - stamped photodiode "Counting the Breath"				
3:24:50 pm Mind-Wandering				

\*neurlynx clock-time 3:07 (4 mins behind)

BDI only, BA1 only

Block #:	Task Owner: Sae2	Task Name: SWB	File Name: "-noBDI.py" +			
Photodiode Chan:	DC1	Speaker Chan:	Mic Chan: Button Chan: Hand Used: <input checked="" type="radio"/> R <input type="radio"/> L			
Task Start Time:	1:05 PM	Task End Time:	2:02 pm			
Interruptions (time range and description):	1:45 pm - 1:46:56 pm pt reached halfway point in task and took a water break					
Noisy Channels:						
Task Notes:						
BDI:	1:12 PM					
BA1:	1:09 PM					
Practice:	1:27 PM					
Real Task:	1:29:38 PM					
		Bonus!				
		\$15.37				

\* USED  
RIPPLE  
2/1

Block #:	Task Owner: Ariantha	Task Name: VGMood-NS	File Name: "VGMCM.2021.psyexp"			
Photodiode Chan:	DC1	Speaker Chan:	Mic Chan: Button Chan: Hand Used: <input checked="" type="radio"/> R <input type="radio"/> L			
Task Start Time:	Task End Time: 3:39:23 PM					
Interruptions (time range and description):	3:33 PM - was watching News -					
Noisy Channels:	3:34 pm - reminded to pay attention to task					
Task Notes:						
non-social version, began with condition 1, people first						
Task Start:	3:28 PM					
Computer round:	3:34:17 PM					
Strategy: pt said she didn't reject because it wouldn't benefit anyone						

Block #:	Task Owner: Salman	Task Name: MemBanditD1	File Name: "Day1-Local.psyexp"			
Photodiode Chan:	DC1	Speaker Chan:	Mic Chan: Button Chan: Hand Used: <input checked="" type="radio"/> R <input type="radio"/> L			
Task Start Time:	3:47 PM	Task End Time:	4:12 PM			
Interruptions (time range and description):						
Noisy Channels:						
Task Notes:						
3:49 PM Task Start						
3:53 PM → Restarted Ripple recording to include raw signal						
↳ took around 20-40 sec to restart						
3:55 PM Memory / Face Portion of Task Start						

Ripple: L side 150 75C      R side 50B 36A

2/3

Block #:	Task Owner: Salman	Task Name: MemBD2	File Name: "Day 2-Local.prjxex"	
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: <input checked="" type="radio"/> R <input type="radio"/> L
Task Start Time: 2:44 PM	Task End Time: 2:56 PM			
Interruptions (time range and description): 2:50 pm started talking about a news story she heard, but continued to play				
Noisy Channels:				
Task Notes: 2:55 PM started talking about seizures 2:45 PM Restarted Ripple recording				

2/4/23

Block #:	Task Owner: Christina	Task Name: Gem Hunt.	File Name:	
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: <input checked="" type="radio"/> R <input type="radio"/> L
Task Start Time:	Task End Time:			
Interruptions (time range and description):				
Noisy Channels:				
Task Notes: B M36 input port A ripple M50 input to port B ripple A *LFP is native edf 1024 Hz * DID NOT RUN!				

2/4/23

Block #:	Task Owner: Panov	Task Name: Meditation	File Name: Healthy Minds App	
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: <input checked="" type="radio"/> R <input type="radio"/> L
Task Start Time:	Task End Time:			
Interruptions (time range and description): Loud neighbor 3:48PM intro + TV on				
Noisy Channels: intro start: 3:47 PM end: 3:50 Turned off 3:50				
Task Notes: 3:58PM interruption- breath start: 3:51 PM end: 4:01 wandering start: 4:02 end: 4:04				
M36 input to port B ripple RAGIT				
M50 input to port A ripple RMOTF				
*LFP is native edf 1024 Hz				

\* ran meditation with Ripple

Turned off 3:50

04

MSO20

Block #:	Task Owner:	Shawn	Task Name:	Egg Hunt	File Name:	"Start_EggHunt2_Task.bat"								
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used:	<input checked="" type="radio"/> R <input type="radio"/> L									
Task Start Time:	1:59 pm	Task End Time:	~2:20											
Interruptions (time range and description): - ripple -														
Noisy Channels: PORT / wine														
Task Notes: Selected avatar #17														
<table border="1"> <tr> <td>A</td> <td>50</td> </tr> <tr> <td>B</td> <td>36</td> </tr> <tr> <td>C</td> <td>75</td> </tr> <tr> <td>D</td> <td>15</td> </tr> </table>							A	50	B	36	C	75	D	15
A	50													
B	36													
C	75													
D	15													

2/5/23

Block #:	Task Owner:	Shawn	Task Name:	Casino	File Name:	"start_casinos.bat"								
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used:	<input checked="" type="radio"/> R <input type="radio"/> L									
Task Start Time:	1:47 pm	Task End Time:	2:15 pm											
Interruptions (time range and description): 1:53 pm - 1:56 pm troubleshooting photodiode														
Noisy Channels: Ripple														
Task Notes: Instruction Video: 1:43 pm														
<table border="1"> <tr> <td>A</td> <td>50</td> </tr> <tr> <td>B</td> <td>36</td> </tr> <tr> <td>C</td> <td>75</td> </tr> <tr> <td>D</td> <td>15</td> </tr> </table>							A	50	B	36	C	75	D	15
A	50													
B	36													
C	75													
D	15													
1:47 pm task start														
1:49 pm real task start														
1:56 pm fixed photodiode issues - Trial 2														
2:05:07 pm 4 <sup>th</sup> block														

2/6/23  
cable was the issue

Block #:	Task Owner:	Christina	Task Name:	Grim Hunters	File Name:	"index.html"
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used:	<input checked="" type="radio"/> R <input type="radio"/> L	
Task Start Time:	11:11 am	Task End Time:	11:42 am			
Interruptions (time range and description):						
Noisy Channels:						
Task Notes: 11:07 practice						
11:11 instruction video						
11:21 practice						
11:23 real game						
11:40 post task survey						
ripple						
A 36						
B 50						
C 75						
D 15						

2/7/23

\* A-36 contact had moved up  
as of 2/7/23

MSO20

## Social Navigation

Block #:	Task Owner:	Matt S.	Task Name:	<del>Block 1</del>	File Name:	"Social Nav·psyexp"
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used:	R	L
Task Start Time:	11:50 AM	Task End Time:	12:29 PM	Elizabeth pressed keys		
Interruptions (time range and description):						
Noisy Channels:						
Task Notes:	Version 31			ripple		
				A 36		
11:50	instructions			B 50		
12:03	Block Three			C 75		
12:11	Last Block			D 15		
12:17	Game End			* A-36 had moved up as of 2/7/23		
12:29	Post game survey complete (stopped early because tired)					

2/7/23

Block #:	Task Owner:	Task Name:	File Name:			
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used:	R	L
Task Start Time:	Task End Time:					
Interruptions (time range and description):						
Noisy Channels:						
Task Notes:						

Block #:	Task Owner:	Task Name:	File Name:			
Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used:	R	L
Task Start Time:	Task End Time:					
Interruptions (time range and description):						
Noisy Channels:						
Task Notes:						