Patient Information (*required*)

Age: 38

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): Master's degree

Clinical Information (*required, ask doctor*)

Language Lateralization (circle one):   Right   Left   Both

Lesions and tissue abnormalities: gray matter heterotopia adjacent to the occipital horns of the lateral ventricle, left greater than right

Epileptic Source (include channel names if possible): LPVNH & LpTpT, LAgIT 1-3, 7-9 spikes, LHpIT 1-12 sharp waves

IQ Notes: TOPF Raw: 58, SS: 115, 84% High Average

Comorbidities: _____

Additional Notes

4 typical seizures w/ rush feeling of anxiety and then difficulty speaking with maximal EEG findings in the L CM of the thalamus as well

1 brief seizure w/ onset in the L periventricular nodular heteropia in the most external contacts as well as LpTpT (onset, whole lead, max build up in 1-3)

- focal L posterior temporal cerebral dysfunction
- left amygdala, left hippocampus, lateral temporal, and LPVNH epileptiform potentials

Patient Code: MS025

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 _____	_____
Grid Name: _____	_____ x _____	_____
Grid Name: _____	_____ x _____	_____
Grid Name: _____	_____ x _____	_____
Grid Name: _____	_____ x _____	_____
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 _____	_____

internal x eternal

BF Research

Depth Name:	LmOlF	1 x 9	mesial orbital — lateral frontal
Depth Name:	RmOlF	1 x 9	mesial orbital — lateral frontal
Depth Name:	LaCaS	1 x 12	anterior cingulate — ant sup frontal gyrus
Depth Name:	RaCaS	1 x 12	anterior cingulate — ant sup frontal gyrus
Depth Name:	LmCmS	1 x 12	mid cingulate — mid sup frontal gyrus
Depth Name:	RmCmS	1 x 10	mid cingulate — mid sup frontal gyrus
Depth Name:	LAgIT	1 x 9	amygdala — lateral temporal
Depth Name:	RAgIT	1 x 9	amygdala — lateral temporal
Depth Name:	LHpIT	1 x 12	hippocampus — lateral temporal
Depth Name:	RHpIT	1 x 10	hippocampus — lateral temporal
Depth Name:	LpTpT	1 x 10	periventricular nodular heterotopia
Depth Name:	LPVNH	1 x 14	posterior temporal — mesial posterior temporal
	RPVNH	1 x 12	periventricular nodular heterotopia
	LCMiP	1 x 14	centromedian to insula — parietal
	RCMiP	1 x 14	centromedian to insula — parietal

BF Research

CM thalamus (1-2)
pulvinar (3-5)
insula (contact 9)

Patient Code: MS025　　　**Experimenter(s):** Arianna & Jackie　**Date:** 3/9/2023

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

Sampling Rate: 1024 Hz　　　　　**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: tired, anxious

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: Vimpat 100, Klonopin 1 BID

(left margin, rotated:) 3/9/23 Thurs.

(handwritten note above block:) Photodiode Notes DC1/Nlynx Analog 5

Block #: DC1 (1)	Task Owner: Arianna	Task Name: UG mood	File Name:

Photodiode Chan: DC1/An5	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: (R) L

Task Start Time: 2:50pm	Task End Time: 2:59

Interruptions (time range and description):

Noisy Channels: note photodiode came up on the Natus but not neuralynx

Task Notes:
- started with the incorrect version of UG at first but then got the right one ; patient understood premise well
- computer condition first ; noticed unfair offers immediately

What did you think of the game? no influence on mood because some $ is better than none

Did you use a certain strategy? accepting anything ≥7 once she realized it was unfair

- flat mood ratings but good choice logic

3/9
Thurs

Photodiode
Notes: DC1 | NLynx Anews 58 "photodiode" (was switched back) not signal not good on NLynx poor connection

Block #: DC1 **Task Owner:** **Task Name:** MemBandit 1 **File Name:**

Photodiode Chan: AN5 DC1 **Speaker Chan:** **Mic Chan:** **Button Chan:** **Hand Used:** R (L)

Task Start Time: 4:15 pm **Task End Time:** 4:32 ↑ arrows ↑ numbers

Interruptions (time range and description):

Noisy Channels:

Task Notes: no interruptions, patient thought the game made sense also thought some of the faces were weird/creepy for the men

Bonus:
$4.90

3/10

Block #: **Task Owner:** Christina **Task Name:** Gem Hunters **File Name:** index.html

Photodiode Chan: **Speaker Chan:** **Mic Chan:** **Button Chan:** **Hand Used:** (R) L

Task Start Time: 11:59 **Task End Time:** 12:36

Interruptions (time range and description):

Noisy Channels: Cingulate

Task Notes:
- patient confused about probabilistic reward during training block #1 but then quickly understood in training.

Bonus:

Block #: **Task Owner:** Salman **Task Name:** Memory Bandit #2 **File Name:**

Photodiode Chan: **Speaker Chan:** **Mic Chan:** **Button Chan:** **Hand Used:** (R) L

Task Start Time: 2:05 **Task End Time:** 2:29

Interruptions (time range and description): Clinical interruption from 2:08-2:18

Noisy Channels:

Task Notes: 1st trial meant to hit NEW
- patient confused whether they had to select faces that they've never seen or just faces that they didn't see in part I of day I.

- interruption from 2:08 - 2:18 ; 2:20 patient in next bed being moved
2:29 - 2:27 nurses chatting
2:28 taped photodiode to screen (photodiode v. noisy)

Block #:   **Task Owner:** Jackie   **Task Name:** Gambling   **File Name:**

Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: (R) L

Task Start Time: ~~Kukuk~~ 3:00, 3:07 (actual start)   **Task End Time:** 3:23

Interruptions (time range and description): (practice)

Noisy Channels: practice

Task Notes: - task stopped due to technical difficulties

~~...~~ at 3:05, task resumed at 3:06.

- switching sides confusing.

(it's back! pressed on) - done 3:23

Nynx photodiode not working again.

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ran 03/12/23 by Alie ~~...~~

Block #:   **Task Owner:** Alie/Jackie   **Task Name:** SWB   **File Name:**

Photodiode Chan:	Speaker Chan:	Mic Chan:	Button Chan:	Hand Used: R(L)

Task Start Time: 10:50   **Task End Time:**

Interruptions (time range and description):

Noisy Channels: BONUS = $10.03

Task Notes:

Start BAI 10:51 (10:47 on nlyx computer)
Start BDI 10:53 (nlyx 10:49)
Start task 10:58 (nlyx 10:53)
talking about real games/gambling
(10:55)
Had to reattach photodiode 11:13

3/13

Block #:   **Task Owner:** Allison   **Task Name:** Interoception   **File Name:** "EMU_Hep.ebs"

Photodiode Chan: DC1	Speaker Chan: DC2	Mic Chan:	Button Chan:	Hand Used: R L

Task Start Time: 10:53 am   **Task End Time:**

Interruptions (time range and description): 11:01:08 am pt asked to drink water

Noisy Channels:

Task Notes: Relax : 10:53:26 am - 10:56:00 am   → Practice start   → Real start

Heartbeat Counts : 10:56:40 am , 10:57:27 am

Practice : 2

Natus:	1: 10	5: 17	Slow Breathing : 11:04:21 am -
chest : 193-194	2: 14	6: 9	11:10:30 am
abs : 195-196	3: 20	7: 16	
	4: 6		