

Patient Code:

MS007

Recording Date(s): 2/15/22- 2/18/22

Experimenter(s): Lizbeth

Patient Information (required)

Age: 31

Sex (circle one): Female Male Other

Handedness (circle one): Right Left Ambidextrous

Ambidextrous Rating (if applicable):

Primary Language:

Secondary Language(s): English

Years of Education (starting with grade school): graduated with a B.A.

Clinical Information (required, ask doctor)

Language Lateralization (circle one): Right Left Both

Lesions and tissue abnormalities:

Epileptic Source (include channel names if possible): (L>R) mesial temporal discharges at LHPT1-4, RHPT1-4
(L>R) lateral temporal discharges at LAgIT 7-10, LmTpT 4-8, LHPT 5-10, RAg 6-10, RmTpT 6-10, RHPT 5-10

IQ Notes:

Comorbidities:

Additional Notes

Multifocal epileptogenic potentials → onset seen at R thalamic centromedian nucleus, along with R anterior insula, R frontal and R lateral temporal region

Neuropsych: Non-dominant frontotemporal impairment

Ripple → A → LmOLF
B → RmOLF
C → RHPT

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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 |
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| Depth Name: | <u>LaImm</u> | <u>1 x 14</u> | <u>internal - external</u> |
| Depth Name: | <u>RaImm</u> | <u>1 x 12</u> | <u>anterior insula - mid SMA</u> |
| Depth Name: | <u>LCMFO</u> | <u>1 x 14</u> | <u>anterior insula - mid SMA</u> |
| Depth Name: | <u>RCMFO</u> | <u>1 x 14</u> | <u>centromedial nucleus - parietal operculum</u> |
| Depth Name: | <u>LaCas</u> | <u>1 x 12</u> | <u>centromedial nucleus - parietal operculum</u> |
| Depth Name: | <u>RaCas</u> | <u>1 x 14</u> | <u>anterior cingulate - ant superior frontal</u> |
| Depth Name: | <u>LmCms</u> | <u>1 x 10</u> | <u>anterior cingulate - ant superior frontal</u> |
| Depth Name: | <u>RmCms</u> | <u>1 x 10</u> | <u>mid cingulate - post superior frontal</u> |
| Depth Name: | <u>LmOIF</u> | <u>1 x 9</u> | <u>mid cingulate - post superior frontal</u> |
| Depth Name: | <u>RmOIF</u> | <u>1 x 9</u> | <u>mesial orbital - lateral frontal</u> |
| Depth Name: | <u>LAglT</u> | <u>1 x 10</u> | <u>mesial orbital - lateral frontal</u> |
| Depth Name: | <u>RAglT</u> | <u>1 x 10</u> | <u>amygdala - lat temporal</u> |
| Depth Name: | <u>LHpIT</u> | <u>1 x 10</u> | <u>amygdala - lat temporal</u> |
| Depth Name: | <u>RHpIT</u> | <u>1 x 9</u> | <u>hippocampus - lat temporal</u> |
| Depth Name: | <u>LmTpt</u> | <u>1 x 8</u> | <u>hippocampus - lat temporal</u> |
| Depth Name: | <u>RmTpt</u> | <u>1 x 8</u> | <u>mesial post temporal - post temporal</u> |
| Depth Name: | <u>LpCip</u> | <u>1 x 12</u> | <u>mesial post temporal - post temporal</u> |
| Depth Name: | <u>RpCip</u> | <u>1 x 12</u> | <u>posterior cingulate - inferior parietal</u> |
| | | | <u>posterior cingulate - inferior parietal</u> |

BF
Research

BF
Research

A → LmOLF
B → RmOLF C → RHPIT

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Experimenter(s): Lizbeth

Date: 2/15/22

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: stressed

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: Day 1 Lamictal 250 BID, Onfi 20 mg, ^{LEV} 1500 BID
Day 2 Lamictal 250 BID, Onfi 10 mg, LEV 1500/1060 BID

Flat Channels: Racas 13-14
RcMFO 13-14

Block #: _____ Task Owner: Salman Task Name: Memory Bandit File Name: _____

Photodiode Chan: _____ Speaker Chan: _____ Mic Chan: _____ Button Chan: _____ Hand Used: R L

Task Start Time: 4:05:16 PM

Task End Time: 4:36:12 PM

Interruptions (time range and description): _____

Noisy Channels: _____

Task Notes: started Ripple recording at 4:08 pm w/ raw signal and analog

4:18 pm : made mistake, wanted to press "New" but pressed "old"

4:22 pm : pressed "old", but recalled seeing "New" How sure?

* mouse issues, experimenter submitted option for when pt rated how sure

2/15

2/16

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| Block #: | Task Owner: Christina | Task Name: Gem Hunters | File Name: |
| Photodiode Chan: DC1 | Speaker Chan: | Mic Chan: | Button Chan: Hand Used: (R) L |
| Task Start Time: 11:42 pm | Task End Time: 12:35:10 pm | | |
| Interruptions (time range and description): 11:53 am EEG tech came in to fix headband | | | |
| Noisy Channels: 12:09 pm paused game, doctor's visit 12:14 pm resumed game | | | |
| Task Notes: | | | |
| start of task (post-instructions): 11:51 am | | | |
| pressed wrong key: 12:07 pm | | | |
| questionnaire: 12:32 pm | | | |

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|--|------------------------|-----------------------|-----------------------------|
| Block #: | Task Owner: | Task Name: Meditation | File Name: |
| Photodiode Chan: | Speaker Chan: | Mic Chan: | Button Chan: Hand Used: R L |
| Task Start Time: 2:27 pm | Task End Time: 2:43 pm | | |
| Interruptions (time range and description): | | | |
| Noisy Channels: | | | |
| Task Notes: Using Healthy Minds Program App | | | |
| 2:27:30 - Pre-Meditation - "Welcome to Healthy Minds" (3 min) | | | |
| 2:31 pm - Meditation - "Counting the Breath" (5 min) | | | |
| ↳ 2:34 - ??? pt became confused, seizure, stopped meditation | | | |
| 2:36 - pt grabbed phone to text, think she forgot about meditating | | | |
| 2:38-2:43 pm: Mind-Wandering (5 min) | | | |

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| Block #: | Task Owner: Arianna | Task Name: UG-Mood | File Name: |
| Photodiode Chan: DC1 | Speaker Chan: | Mic Chan: | Button Chan: Hand Used: R (L) |
| Task Start Time: 11:03 am | Task End Time: | | |
| Interruptions (time range and description): | | | |
| Noisy Channels: | | | |
| Task Notes: 11:06 am - start of real task | | | |
| 11:13 am - 2nd condition begins | | | |
| 11:17 am - Seizure | | | |
| ↓ | | | |
| Neuromonitors said seizure onset was 11:16:30-40 | | | |
| *didn't get to complete task fully, about 75% done | | | |

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| Block #: | Task Owner: Josh | Task Name: Treasure Hunt | File Name: |
| Photodiode Chan: | Speaker Chan: | Mic Chan: | Button Chan: Hand Used: (R) L |
| Task Start Time: 2:47 pm | | Task End Time: 4:17 pm | |
| Interruptions (time range and description): | | | |
| Noisy Channels: | | | |
| Task Notes: pt said angles were confusing | | | |
| Block 1 : 2:47 pm - 3:17 pm during Trial 4 we switched to using a controller, ^{Block 2} | | | |
| Block 2 : 3:17 pm - 3:33 pm but pt preferred using keyboard | | | |
| Block 3 : 3:36 pm - 3:52 pm | | | |
| Block 4 : 3:52 pm - 4:06 pm | | | |
| Block 5 : 4:06 pm - 4:17 pm | | | |

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|---|----------------------|-------------------------|-------------------------------|
| Block #: | Task Owner: Vincenzo | Task Name: Slot | File Name: |
| Photodiode Chan: DCI | Speaker Chan: | Mic Chan: | Button Chan: Hand Used: (R) L |
| Task Start Time: 10:46 am | | Task End Time: 11:03 am | |
| Interruptions (time range and description): | | | |
| Noisy Channels: | | | |
| Task Notes: 10:46 - 10:50 am practice | | | |
| 10:52 am start of real task | | | |
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| Block #: | Task Owner: Vincenzo | Task Name: Fish | File Name: |
| Photodiode Chan: DCI | Speaker Chan: | Mic Chan: | Button Chan: Hand Used: (R) L |
| Task Start Time: 11:05 am | | Task End Time: 11:22:34 am | |
| Interruptions (time range and description): 11:16 am - Doctor's Visit to Explain Explanation | | | |
| Noisy Channels: | | | |
| Task Notes: 11:05 am practice | | | |
| 11:08 am real task | | | |
| 11:13 am - Fire alarm, might have distracted patient | | | |
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