

Appendix C: TMS Seizure Response Plan (Wall Poster)

EMERGENCY RESPONSE PLAN: TMS-INDUCED SEIZURE OR LOSS OF CONSCIOUSNESS

1. Stop the Stimulation

- Press the **Enable/Disable button** on the TMS system to halt stimulation.
 - Ensure the coil is removed from the participant's head.
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2A. During the Seizure

- **Do NOT restrain** the participant.
- Recline the participant or lower them to the ground
- Support the participant's head and keep them on their side if possible.
- Stay calm and reassure the participant when they regain awareness. Clear the area of obstacles to prevent injury.
- If the person has stopped breathing after the seizure is over, begin CPR
- Call 911 or alert someone nearby to get help

2B. During Fainting (Syncope) or Dizziness

- Recline the participant and elevate legs
 - Check for a pulse and check for breathing
 - If not breathing normally or has no pulse, begin CPR
 - Call 911 or alert someone nearby to get help
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3. Assign Roles

- One staff member should stay with the participant and monitor their condition.
 - The second staff member should call 911 from the nearest phone.
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4. Emergency Contacts

- Call **911** for immediate medical response.
 - Notify CCBBI staff as soon as emergency procedures are underway:
 - **CCBBI Assistant Director, Xiangrui Li: 626-616-8528**
 - **Study Principal Investigator**
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5. After the Event

- Do not continue the TMS session.
 - Monitor the participant until emergency personnel arrive.
 - Complete an **Adverse Event Report** and notify the IRB according to your protocol.
 - Submit documentation to **ccbbi.service@osu.edu** within 24 hours.
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Reminders

- A **Level 2 certified operator** must be present during all TMS sessions.
- Emergency instructions must be **visible** in the TMS testing room.
- All staff should review this protocol regularly.