



**The Long-Term Cognitive and Emotional Effects of Recurrent Mild Traumatic Brain Injury (MTbi) in Athletes Competing in Medieval Martial Combat**  
**Principle Investigator: Harmony Satre, PsyD**

**I. PURPOSE AND BACKGROUND**

The purpose of this study is to determine cognitive sequelae including changes in emotion and personality over time as an effect of head trauma sustained by athletes involved in Medieval Martial Combat.

You are being invited to participate in this study because you are an athlete that participates in Medieval Martial Combat and you are over the age of 18. You must be at least 18 years old to participate in this research.

**Your participation in this study is completely voluntary.**

**II. PROCEDURES**

If you agree to participate, meet the criteria and are selected as a candidate, the following will occur:

- All procedures will take place in at Dr. Satre's office, other approved setting, or in the field.
- You will be asked to complete questionnaires on your medical and psychological history. Completing the questionnaires will take approximately 30 minutes to 1 hour. The questionnaires will be sent to your designated emailing address prior to scheduled testing date. Upon review of your completed questionnaire, you will be notified if you meet criteria for continued participation in the study.
- You will be interviewed about your medical and psychological history. The interview will last approximately 30 minutes to 2 hours and will be completed either in person or over telephone.
- You may be asked to supply other medical data if applicable, such as documentation of previous head trauma (i.e. SPECT or PET scans).
- You will be given tests used to measure multiple areas of cognitive and emotional functioning. These tests will take approximately 2 hours to 4 hours to complete.
- You will be contacted periodically, first one year after the initial testing, and then at regular intervals after that, as yet to be determined, for follow up testing for up to 10 years after the beginning of the testing.
- Testing, interview, and other data collection will be performed by Dr. Satre or Dr. Satre's team members, including but not limited to Dr. Satre's research assistant, psychological assistants or other mental health professionals contributing to this research.

**III. RISKS**

- You may feel slight fatigue during testing. Should this occur, you can choose to take a break or discontinue testing at any point.
- While the process of this testing does not involve any physical risks to the volunteer, volunteers should remember that the sport they are participating in is potentially dangerous and has its own set risks to both the participants physical and mental health and wellbeing.



# Office of Harmony Satre, PsyD

Licensed Psychologist, PSY22871

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## IV. BENEFITS

There will be no direct benefit to you from participating in this study. There is no cost or compensation to participate in this study. However, the information that you provide may help other athletes in similar sports arena.

## V. EXTENT OF CONFIDENTIALITY

Participation in research may involve a loss of privacy; however, your records will be handled as confidentially as possible. Your name will not be used in any written reports or publications that may result from this research. An ID number will be assigned to all of your test results and only the principal investigator will be aware of your identity and ID number. The data will be handled only by research staff, all of whom will sign a special confidentiality contract. Data will be kept for three years (per federal regulations) after the study is complete and then destroyed. All research records and test results will be stored in locked file cabinets. Your information will not be released unless subpoenaed by a court of law.

## VI. PARTICIPATION IS VOLUNTARY

Participation in this research is completely voluntary. You do not have to be in this study if you do not want to. You may also refuse to answer any questions you do not want to answer at any time throughout the course of this study. This is scheduled to be a 10-year longitudinal study, meaning that you will be contacted at multiple times over the next 10 years for further testing or data collection. Therefore, we ask that you do not commit to this study if you feel that you are unable or unwilling to participate for the duration of the study. However, if you volunteer to participate in this study, you may withdraw from it at any time without consequences of any kind or loss of benefits.

## VII. QUESTIONS

Questions about your rights as a study participant, comments or complaints about the study may be directed to Dr. Harmony Satre. Dr. Satre can be reached via telephone at 510-402-5341 or through email at: [DrSatre@gmail.com](mailto:DrSatre@gmail.com).

## VIII. DOCUMENTATION OF CONSENT

I have read this form and decided to participate in the study described above. Its general purposes, my involvement, possible risks and extent of confidentiality have been explained to my satisfaction. I understand my participation in this study is **VOLUNTARY**; even if I sign this document, I may stop at any time.

*My signature below means that I voluntarily agree to participate in this study.*

Participant's Printed Name \_\_\_\_\_

Signature \_\_\_\_\_  
Participant

Date \_\_\_\_\_

Signature \_\_\_\_\_  
Researcher

Date \_\_\_\_\_

Email Address \_\_\_\_\_

Phone \_\_\_\_\_