**Appendices**

**Research Participant Information and Informed Consent From**

**Title:** Effect of transcranial direct current stimulation (tDCS) and reaction time training on cognition and choice reaction time in recreational soccer players (FAST trial): a protocol for a randomized clinical trial.

**Principal investigator:** XXX

**Contact information:** XXX

You are being asked to participate in a research study. Researchers are required to provide a consent form to inform you about the research study, to convey that participation is voluntary, to explain risks and benefits of participation including why you might or might not want to participate, and to empower you to make an informed decision. You should feel free to discuss and ask the researchers any questions you may have.

The principal aim of this study is to evaluate the efficacy and safety of tDCS and RT training in choice RTs and cognitive function during recreational soccer. We hypothesize that tDCS in conjunction with RT training will reduce choice RT in the lower limbs and will improve cognitive function in the participants. Their participation is important, because it is expected that RT training during the anodal tDCS stimulation will enhance the decrease in choice RT in soccer athletes and improve cognition function.

If you decide to participate, you will need to perform two cognitive tests, evaluation of reaction time and 15 sessions of tDCS. The risks of this trial are mild headache, but all studies with tDCS are safe in the application of the 1 to 2 mA, without serious or related adverse effects. If you experience any of these discomforts, you will be evaluated immediately by the neurologist. Participation in this study may or may not benefit you personally. Overall, we hope to gain information about effects of tDCS in the reaction time and cognitive function.

Participation in research is voluntary. You do not have to be in this study. If you decide to be in the study and change your mind, you have the right to drop out at any time. You may skip questions or stop participating at any time. Whatever you decide, you will not lose any benefits to which you are otherwise entitled. The data for this project are being collected anonymously. Neither the researchers nor anyone else will be able to link data to you. The results of this study may be published or presented at professional meetings, but the identities of all research participants will remain anonymous. You will not receive money or any other form of compensation for participating in this study.

If you are willing to volunteer for this research, please sign below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Participant Date