



**THE PODIUM INSTITUTE**  
FOR SPORTS MEDICINE & TECHNOLOGY

Old Road Campus Research Building,  
Oxford, OX3 7DQ

**Principal Investigator:**  
Professor Constantin Coussios  
[constantin.coussios@eng.ox.ac.uk](mailto:constantin.coussios@eng.ox.ac.uk)

**Primary researcher:**  
Tobias Harritz (DPhil Student)  
[tobias.harritz@eng.ox.ac.uk](mailto:tobias.harritz@eng.ox.ac.uk)

## Multimodal Study of Concussion in Sport

*Ethics Approval Reference: MS IDREC 772420*



### Would you like to take part?

We are looking for **healthy volunteers** to take part in our study!

#### What is the purpose of the study?

We are interested in improving our understanding of what happens after a concussion in women & men, by using magnetic resonance imaging (MRI) and other tools. Our aim is to use this knowledge to develop simple, low-cost tests that can be used by players, coaches and doctors in community sports clubs and schools to improve the diagnosis and management of concussion and safe return-to-play.

#### What does the study involve?

We will ask you to attend **one visit**. The visit will last around **two hours** (excluding travel to and from the site, which we will reimburse) and would involve:

- A magnetic resonance imaging (MRI) brain scan
- Blood and saliva tests
- Measurement of brain activity using electroencephalography (EEG)
- A balance test
- A test of eye and pupil movements
- Clinical assessments



#### Who can take part?

We are looking for people who:  
✓ are aged 18 years and over



Unfortunately, you will not be able to take part if any of the following apply:

- Unsafe to be around a strong magnet
- Previous neurological or psychiatric diagnosis (other than concussion)
- Undergoing active treatment for (or currently recovering from) head injury

**You do not need to have had a previous concussion to participate. We are also interested in healthy participants, so that we can compare them to concussed sports participants.**

If you would like to find out more, please contact  
[tobias.harritz@eng.ox.ac.uk](mailto:tobias.harritz@eng.ox.ac.uk)