

Kidney-related symptoms of ultra-endurance bicycle racing (#52920)

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Author(s)

Fiona Kolbinger (Universitätsklinikum Carl Gustav Carus Dresden) - fiona.kolbinger@uniklinikum-dresden.de

Philipp Gauckler (Universitätsklinikum Innsbruck (Innere Medizin IV)) - philipp.gauckler@i-med.ac.at

Jana Kesenheimer (Leopold-Franzens-University of Innsbruck) - jana.kesenheimer@uibk.ac.at

1) Have any data been collected for this study already?

No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?

This survey looks at the physical effects of ultracycling. In particular, we are interested in kidney-related symptoms of ultra-endurance bicycle racing.

3) Describe the key dependent variable(s) specifying how they will be measured.

All variables are being raised by an online survey. These are the key variables concerning one specific race or long distance bike ride: kidney-related symptoms (occurrence, onset, severity), drinking behavior, electrolytes intake, use of painkillers. Further, we assess weight-changes, details about training, medication, BMI and sociodemographics

4) How many and which conditions will participants be assigned to?

It is an exploratory study without experimental conditions.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.

Descriptive analysis (frequency, means, measures of variance etc.), correlational analysis (linear multiple regression, simple correlations), test of differences (e.g. between genders)

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.

Not defined yet.

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.

As we focus on exploratory analysis for a very specific sample (ultra-cyclists), we will collect as many data as possible.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)

Nothing else to pre-register.