

Participant Information and Consent Form for Data Collection and Processing

Study Title: Movement Analysis in Para Archery (Center of Gravity Measurement)

Institution: Offenburg University of Applied Sciences

1. Information Regarding the Investigation

Purpose of the Study

The objective of this study is to analyze biomechanical performance parameters of Para Archery athletes. Specifically, the stability of the body's center of gravity during the shooting process will be recorded to gain insights for performance analysis, research, and evaluation.

Measurement Procedure

The measurement involves the following steps:

- The athlete will assume their starting position on a measuring plate.
- A total of 2 sets of 6 arrows will be shot.
- Meanwhile, the movement of the athlete's center of gravity will be electronically recorded.

Voluntariness and Right to Withdraw

Participation in this study is entirely voluntary. You may terminate your participation at any time without providing reasons or withdraw your consent with future effect without facing any negative consequences.

2. Data Protection Information (GDPR)

Responsible Party

The party responsible for data collection and processing is:

Prof. Dr. Steffen Willwacher,
Head of the Institute for Advanced Biomechanics and Motion Human Studies,
Faculty of Mechanical and Process Engineering, Offenburg University of Applied Sciences
E-Mail: steffen.willwacher@hs-offenburg.de

Type of Data and Purpose of Processing

The following data will be processed as part of the study:

- **Identification Data:** Name, Date of Birth, and Athlete Identification Number (ID).
- **Measurement Data:** Physical, biomechanical, and performance-related data.
- **Existing Data:** Consent is granted that stored World Archery data linked to the Athlete Identification Number (e.g., from prior classification procedures or competitions) may be accessed and combined with the newly collected data.

Pseudonymization and Storage Duration

Your data will be stored in a pseudonymized format. This means that measurement values are managed under your Athlete ID. Identification of your person by third parties is excluded, and your identity will not be disclosed in any reports or publications.

Your Rights as a Data Subject

You have the right to access, rectification, erasure, and restriction of processing of your personal data, as well as the right to lodge a complaint with the competent data protection supervisory authority.

3. Limitation of Liability

Offenburg University and its employees shall not be liable for property damage, unless the damage was caused by willful misconduct or gross negligence.

4. Declaration of Consent

I hereby declare:

Name: _____

Date of Birth: _____

Athlete ID: _____

1. I have read and understood the participant information provided above.
2. I consent to participate in the measurement and agree that my data will be collected and processed as described.
3. I agree that existing World Archery data may be linked with the newly collected data.
4. I am aware that I can withdraw this consent at any time.

Athlete Signature: _____ **Date:** _____

Name (printed): _____

Study Lead Signature: _____ **Date:** _____