

Ausschreibung Masterarbeit 2019/2020

Zeitraum: Ab sofort bis FS 2020 mit Abgabe Juni 2020.

Aufgabenbereich:

- Erarbeitung eines kurzen Fragebogens über Attitudes und Beliefs zum Thema Doping
- Validierung des Fragebogens anhand einer Pilotstudie unter Schweizer Spitzensportlern
- Durchführung der Studie im Rahmen der Winter Youth Olympic Games 2020 in Lausanne (siehe Studien-Outline weiter unten)

Anforderungen:

- gute Englischkenntnisse
- Französisch-, Deutsch- und/oder Spanischkenntnisse vorteilhaft
- Motivation zur strukturellen Planung, Organisation und Durchführung einer Studie
- Nutzung von EndNote oder einem anderen Literaturprogramm

Kontakt: Bei Interesse melden bei Dr. Karsten Königstein (Sportmedizin; k.koenigstein@gmx.net)

Studien-Outline:

Regional differences in knowledge, believes and attitude regarding the use of banned performance-enhancing substances amongst participants of the Youth Olympic Games 2020

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Background

Elite athletes typically have a very high intrinsic and extrinsic level of motivation and ambition, which may increase the risk of exposure to the use of banned performance-enhancing substances (1-4). However, studies about knowledge, believes and attitude regarding the use of banned performance-enhancing substances in adolescent athletes are rare (5) and there is no evidence about regional differences.

Objective

Therefore, this study will assess regional differences in knowledge, believes and attitude regarding the use of banned substances amongst adolescent elite athletes participating in the Youth Olympic Games 2020.

Methods

This study will be a survey, conducted possibly on a convenience sample and depending to the IOC authorization for data collection. There will be a questionnaire-based assessment of three exclusive main domains “knowledge”, “believes” and “attitude” regarding the use of banned performance-enhancing substances. Importantly, no assessment will be made of the use of or access towards banned performance-enhancing substances. A specific questionnaire will be developed based on the available literature (2, 6, 7). The questions will be simple and easy to understand, because of the young age and heterogeneity of languages in the study sample.

Inclusion criteria

Participant of the Youth Olympic Games 2020.

Exclusion criteria

None.

Relevance of expected outcome

We expect to find a high variation in knowledge, believes and attitude regarding the use of banned performance-enhancing substances amongst adolescent elite athletes participating in the Youth Olympic Games 2020. These results will visualize the vulnerability and susceptibility of future world elite athletes to the use of banned performance-enhancing substances. Identification of regions with low knowledge, false believes or attitudes, which might increase the risk of future use of banned performance-enhancing substances, will allow for targeted prevention and education programs in the context of cultural differences amongst future world leading athletes.

References

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2. Sas-Nowosielski K, Swiatkowska L. Goal orientations and attitudes toward doping. *International journal of sports medicine.* 2008;29(7):607-12.
3. Barkoukis V, Lazuras L, Tsorbatzoudis H, Rodafinos A. Motivational and sportspersonship profiles of elite athletes in relation to doping behavior. *Psychol Sport Exerc.* 2011;12(3):205-12.
4. Morente-Sanchez J, Zabala M. Doping in sport: a review of elite athletes' attitudes, beliefs, and knowledge. *Sports medicine.* 2013;43(6):395-411.
5. Nieper A. Nutritional supplement practices in UK junior national track and field athletes. *British journal of sports medicine.* 2005;39(9):645-9.
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7. Erdman KA, Fung TS, Doyle-Baker PK, Verhoef MJ, Reimer RA. Dietary supplementation of high-performance Canadian athletes by age and gender. *Clinical Journal of Sport Medicine.* 2007;17(6):458-64.