Training Load Monitoring in Winter Sports

Background **Principles of Monitoring** Training load and other injury risk factors

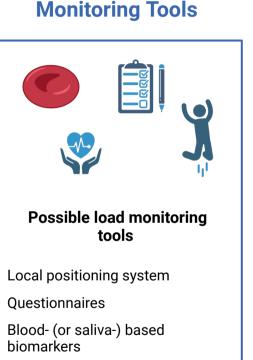
Winter sport athletes are subjected to a high training and competition load

Possible injury and illness risk factors: sex, age, air travelling, type of sport, competition, fitness, training volume and intensity

Principles & aims of load monitoring

Measurement of external and internal training load to prevent injury / illness and to maximize athlete performance

Markers should be sensitive. not too invasive. not too expensive and have no influence on the training routine



(Neuromuscular) Performance

Heart rate measures

testina

Conclusion



Various tools were introduced, each with strengths and weaknesses

Longitudinal research is crucial to evaluate marker reliability

Haller, N., Strepp, T., & Stögql, T. (2024). The puzzle of monitoring training load in winter sports – A hard nut to crack? Current Issues in Sport Science, 9(3), Article 008. https://doi.org/10.36950/2024.3ciss008