**Technology and gender equity in elite sports coaching and refereeing**

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**Objectives:** Digital technologies significantly impact the management and leadership of sports. For instance, coaches and referees now utilize technological tools for a variety of purposes. However, there is limited research on the use and impact of digital technology in elite sports coaching and refereeing. The aim of this study is to examine how coaches and referees experience that novel technologies impact their leadership roles. Specifically, we aim to analyze the gendering of technology in coaching and refereeing.

**Methods:** Qualitative design based on semi-structured interviews with female and male coaches and referees in Norwegian football, ice hockey, ski jumping, and tennis. Interviews were conducted in the spring and fall of 2022.

**Findings:** Preliminary findings indicate that both female and male coaches and referees experience a variety of opportunities and challenges associated with the use of technologies in their fields. These opportunities and challenges are gendered in various ways.

**Discussion and conclusion:** There are many (potential) effects and outcomes associated with technologies in coaching and refereeing. For instance, while technologies are important tools for coaches and referees to optimize athlete performance and personal health, usage may also reflect gendered challenges related to resources such as time, knowledge, and money to implement new technology. Female coaches and referees also appear to have fewer opportunities to use novel technologies compared to their male counterparts. Both female and male coaches and referees raise concerns related to the trustworthiness of the data these technologies produce and the surveillance that come with their implementation.