

Sport psychology: Optimizing athlete well-being & performance.

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Introduction

This systematic review and meta-analysis confirmed the effectiveness of the Mindfulness-Acceptance-Commitment (MAC) approach in enhancing athletes' psychological well-being and performance, providing robust evidence for its practical application in sport psychology [1]. This robust evidence suggests MAC is a valuable tool for enhancing athletes' mental health and overall competitive edge. The findings pave the way for more widespread adoption in professional and amateur sports alike.

This comprehensive systematic review offered a refreshed understanding of mental toughness in sport, highlighting its complex nature and proposing new avenues for both research and practical implementation in athletic contexts [2]. Understanding mental toughness helps in designing targeted interventions, fostering resilience, and ultimately improving athletes' ability to cope with pressure and adversity. This deeper insight fuels future research and practical coaching strategies.

A systematic review and meta-analysis revealed a crucial connection between coaching efficacy and coach well-being, shedding light on the various elements that influence both and offering guidance for supporting coaches [3]. This connection underlines the importance of supporting coaches not just for their own well-being, but also for its ripple effect on athlete development and team performance. Effective coaching support systems are paramount.

This review meticulously assessed intervention studies aimed at preventing athlete burnout, identifying effective strategies and pinpointing areas requiring further research to enhance future prevention programs [4]. The review emphasizes that proactive strategies are essential to safeguard athletes' long-term engagement and health in sports. Identifying these strategies helps refine prevention programs and offers practical guidance for coaches and sports organizations.

The systematic review examined the impact of psychological skills training on young athletes, concluding that such interventions can indeed improve both performance and overall well-being in this demographic [5]. These interventions are critical for developing psychological resilience and improving performance outcomes from a

young age, setting a strong foundation for future athletic careers. It highlights the value of early psychological support.

This systematic review pinpointed the primary psychological factors influencing an athlete's commitment to injury rehabilitation, offering crucial knowledge for practitioners seeking to enhance recovery outcomes [6]. Knowing these psychological factors allows practitioners to tailor support for injured athletes, helping them maintain motivation and adherence throughout their recovery journey. This directly contributes to faster and more complete rehabilitation.

This review offered an exhaustive overview of self-regulation in sport, clarifying its diverse definitions, measurement methodologies, and effective intervention strategies for practitioners and researchers [7]. Clarifying self-regulation's facets enables more precise measurement and more effective training programs, empowering athletes to better manage their thoughts, emotions, and actions under pressure. This has significant implications for training and competition.

This meta-analysis reinforced the established positive relationship between team cohesion and performance in sport, emphasizing the critical role of strong interpersonal bonds in achieving athletic success [8]. This meta-analysis confirms that fostering strong team bonds is not merely about morale, it's a fundamental aspect of achieving collective success and optimal performance in competitive environments. Building cohesion is a strategic imperative.

This systematic review synthesized research on perfectionism in sport, providing detailed insights into its origins, associated factors, and how it impacts athlete well-being and performance [9]. Understanding perfectionism helps in managing its potentially detrimental effects on athlete well-being, preventing issues like anxiety and burnout, while leveraging its positive aspects for performance improvement. It's a complex trait that requires nuanced handling.

This systematic review identified and discussed various protective factors crucial for athlete mental health, offering vital understanding for developing effective support systems and interventions in sports environments [10]. Recognizing these protective factors is vital for creating robust support networks and early intervention strategies, ensuring athletes maintain optimal mental health throughout their

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Received: 05-Jul-2025, Manuscript No. AACPCP-25-230; Editor assigned: 08-Jul-2025, Pre QC No. AACPCP-25-230 (PQ); Reviewed: 28-Jul-2025, QC No. AACPCP-25-230; Revised: 06-Aug-2025, Manuscript No. AACPCP-25-230 (R); Published: 15-Aug-2025, DOI: 10.35841/AACPCP-9.3.230

careers. It's about building a supportive environment for holistic athlete development.

Conclusion

Recent systematic reviews and meta-analyses in sport psychology reveal key insights into enhancing athlete well-being, performance, and mental health. Studies show the Mindfulness-Acceptance-Commitment (MAC) approach effectively boosts athletes' psychological well-being and performance. Understanding mental toughness is vital for developing resilience, while psychological skills training proves beneficial for young athletes, improving their performance and overall well-being. Research also tackles critical challenges like preventing athlete burnout through specific interventions and identifying psychological factors crucial for adherence to injury rehabilitation. This helps practitioners tailor support for sustained recovery. The field highlights the importance of support systems, demonstrating a strong link between coaching efficacy and coach well-being, which in turn affects athlete development. Team cohesion is consistently shown to positively correlate with performance, emphasizing the value of strong interpersonal bonds. Self-regulation in sport is being clarified to enable more effective interventions, helping athletes manage their internal states. Furthermore, studies on perfectionism offer insights into its impact on athlete well-being and performance, guiding nuanced support. Lastly, identifying protective factors for athlete mental health is crucial for developing robust support systems in sports environments. This body of work provides actionable evidence for practitioners and researchers aiming to optimize the athletic experience.

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Citation: Diallo A. Sport psychology: Optimizing athlete well-being & performance. *J Clin Psychiatry Cog Psychol.* 2025;09(03):230.