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ECOSEP and Tata Elxsi announce strategic partnership to transform sports medicine through AI

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Expanding the use of AI in sports and musculoskeletal medicine

European College of Sport and Exercise Physicians (ECOSEP) and Tata Elxsi have announced a strategic partnership that aims to revolutionise the field of sports and exercise medicine through combining the research excellence and clinical expertise of ECOSEP with Tata Elxsi's artificial intelligence (AI)- and machine learning–driven healthcare solutions and technology capabilities.

The partnership will focus on applying artificial intelligence technologies in areas such as advanced diagnostic tools, personalised treatment plans, predictive analytics for injury prevention, and real-time monitoring of athletes' physical conditions.

This innovative collaboration was initiated by Dr Pakravan, Vice Chair of ECOSEP, and facilitated by Dr Malliaropoulos, General Secretary. Speaking on behalf of ECOSEP, Prof. Nicola Maffulli, President, stated: "These are exciting times for how technology and medical science can be brought together to transform personalised care in sports. The long-term vision of Tata Elxsi marries with the aim of ECOSEP to develop and maintain 360° care for athletes and physically active individuals. With the power of Tata Elxsi, ECOSEP shall develop comprehensive packages of care which will help to optimise performance and health. This is a unique opportunity for mutual collaboration, marrying disciplines only apparently different, and allowing close interaction of professionals."

Anup SS, Practice Head – AI and Machine Learning at Tata Elxsi, added: "This collaboration with ECOSEP represents an exciting opportunity to apply AI in ways that directly impact athlete health and performance. By combining clinical insight with advanced data science, we aim to co-create intelligent tools that support early diagnosis, enable real-time decision-making, and personalise care for every athlete. Together, we're paving the way for a new era in sports medicine—one that is smarter, faster, and more human-centric."

The collaboration serves as a stepping stone for future interdisciplinary partnerships aimed at expanding the use of AI in sports and musculoskeletal medicine, and both organisations are committed to advancing the field through research, clinical trials, and the development of AI-driven tools that offer athletes and healthcare providers ground-breaking solutions to

achieve optimal outcomes.