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The Convergence of Artificial Intelligence and Ayurveda: A Transformational Approach to Healthcare

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Abstract

Introduction:

The integration of artificial intelligence (AI) with Ayurveda presents great potential, as AI has become a powerful tool in modern medicine. This paper aims to provide an extensive overview of current concepts and applications of AI in Ayurveda. A thorough literature search methodology was employed to identify relevant research and publications on the fusion of Ayurveda and AI. The analysis of gathered data offers insights into the existing applications of AI within Ayurveda. The objective of this review is to explore the advantages of AI in Ayurvedic diagnosis, personalized treatments, and drug development, while addressing the challenges of incorporating AI into Ayurvedic practices.

Methods:

A comprehensive literature search was conducted across multiple databases, including PubMed, Google Scholar, and relevant journals. The collected information was analyzed to provide an in-depth summary of the topic.

Results:

AI facilitates continuous updates on regulatory changes, enables participation in virtual events and webinars, and fosters connections with expert mentors. Government agencies can support AI innovation by creating a conducive regulatory environment and sharing important policy information.

Conclusion:

The integration of AI into Ayurveda has the potential to revolutionize conventional healthcare practices. Overcoming barriers requires collaboration between Ayurvedic practitioners, IT specialists, and policymakers. AI offers promising opportunities for personalized therapies, preventive healthcare, and scientific innovations, all while preserving the holistic principles of Ayurveda.

Keywords: Artificial Intelligence (AI), Ayurveda, Personalized Medicine, Ayurvedic Diagnosis, Drug Development, Integrative Healthcare.

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