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Improving Human Health and Lifespan Through Artificial Intelligence and Smart Healthcare

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Abstract

Following technological advancement, healthcare schemes integrating artificial intelligence (AI) has become increasingly prevalent. Through prevention medicine and regular follow-ups, AI algorithms identify lesions and diseases that are difficult for healthcare professionals to detect manually. This effectively facilitates diagnosis and treatment procedures. In the future, inclusive healthcare will become possible through the integration of AI technology into medicine, which reduces medical costs and mitigates the uneven allocation of healthcare resources between urban and rural areas.

Keywords: smart healthcare, inclusive medicine, artificial intelligence, cardiovascular disease, sustainable development

AI與智慧醫療— 讓演算法幫助你活得更健康也更久

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摘要

隨著科技的進步，整合人工智能的醫療與照護逐漸在醫界佔有舉足輕重的地位。透過及早預防及定期追蹤分析，演算法可以判讀很多人類醫師難以察覺的病灶與病症，進而輔助診斷與治療。因AI與醫療的結合，未來也有機會落實普惠醫療，節省成本並弭平城鄉醫療資源不均的問題。

關鍵詞：智慧醫療、普惠醫療、人工智能、心血管疾病、永續發展