Special Issue

Advancing Healthcare with AI: Innovations in Patient Care and Outcomes

Message from the Guest Editor

The healthcare industry is seeing a revolution with artificial intelligence (AI) providing innovative solutions to its most pressing challenges. Through AI-powered predictive analytics, healthcare organizations can accurately forecast patient needs, streamline resource allocation, reduce operational expenses, and significantly enhance the patient care experience. AI applications, such as neural networks, deep learning, machine learning, and natural language processing, have enhanced efficiency and enabled healthcare professionals to make more informed decisions. As AI becomes more integrated into healthcare management, there are significant ethical considerations that arise, including data privacy, algorithmic bias, and human oversight. Addressing these challenges will be essential. Adopting AI will undoubtedly influence operational strategies, resource allocation, and the overall quality of patient care. This Special Issue explores AI's benefits for and challenges to healthcare management, highlighting its potential to drive innovation in treatment strategies, foster collaboration across disciplines, and deliver more personalized, holistic care to patients.

Guest Editor

Prof. Dr. Hung-Chang Liao

Department of Health Policy and Management, Chung Shan Medical University, Taichung 40201, Taiwan

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issues.
We would be pleased to welcome you as one of our authors.

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Prof. Dr. Lorraine S. Evangelista
Louise Herrington School of Nursing, Baylor University, Dallas, TX 75246-1754, USA

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