

Special Issue

Artificial Intelligence Innovations and Applications in Trauma, Urgent and Emergency Care: Current and Prospects

Message from the Guest Editors

Emergency medicine relies on specialised expertise and facilities to prevent, diagnose, monitor, and manage acute and urgent illnesses and injuries in all age groups.

Recent innovations in artificial intelligence have provided exciting opportunities in emergency medicine for diagnosis, monitoring and management of a broad range of conditions. These innovations have the potential to improve patient care and treatment, reducing risk to patients, optimising resource allocation, and providing an improved experience for clinicians and their patients.

Artificial intelligence techniques are usually most effective when they can show transparency in their decision making. Furthermore, combinations of techniques such as neuro-fuzzy can build on the strengths of individual techniques. Adaptive systems with an ability to learn from their operating environment can assist with complex decision-making tasks, resulting in higher chances of patient surviving their trauma.

You are warmly invited to submit your original articles to the Special Issue “Artificial Intelligence Innovations and Applications in Emergency Medicine: Current and Prospects”.

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Message from the Editor-in-Chief

Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special issues.

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

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