

Special Issue

Application of Artificial Intelligence in Emergency Care

Message from the Guest Editor

This collection of articles delves into the intersection of artificial intelligence (AI) and emergency medicine, with a particular focus on leveraging insights from transcriptomics, proteomics, and radiomics. From predictive analytics for risk stratification to individualized treatment strategies, these articles explore the multifaceted role of AI in enhancing patient care in emergency and critical care scenarios. By harnessing data from electronic health records, transcriptome analyses, proteomic profiling, and radiomic imaging, researchers are uncovering novel approaches to early detection, accurate diagnosis, and personalized treatment planning. Through innovative methods and advancements in AI-driven approaches, this Special Issue aims to showcase the transformative potential of AI in revolutionizing emergency care practices.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Emergency Care and Medicine is an open-access, scientific, peer-reviewed electronic journal for those who provide immediate, emergency, and urgent care, manage Emergency Medical Service systems, or are engaged in fundamental, clinical, and epidemiological research work, literature reviews, audits, and quality improvement programmes. The journal will also benefit anyone who is interested in learning more about acute care and emergency health care services.

We carefully consider the submitted manuscripts, which cover any aspect of acute medical and surgical care.

Therefore, the four-word phrase “broad scope, narrow focus” characterises the journal well.

Our mission is to disseminate scientific articles and, in doing so, provide the global medical community with information on developments, advances, trends, patterns, insights, and education in acute care.

Editor-in-Chief

Prof. Dr. Raimundas Lunevicius

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