Journal of Healthcare Engineering

Special Issue on
Artificial Intelligence in Medical Applications

CALL FOR PAPERS

Medical artificial intelligence (AI) mainly uses computer techniques to perform clinical diagnoses and suggest treatments. AI has the capability of detecting meaningful relationships in a data set and has been widely used in many clinical situations to diagnose, treat, and predict the results. The purpose of this special issue is to demonstrate the potential of several intelligent approaches exploited in *medical* informatics technologies *and applications*. Submissions for this special issue should be original work that deals in some manner with topics relevant to medical artificial intelligence, expert systems, data mining, machine learning, and image processing.

The main focus of this special issue will be on the proposal of techniques for medical artificial intelligence, expert systems, data mining, machine learning, and image processing which could be built on top of them. This special issue will become an international forum for researchers to summarize the most recent developments in the field, with a special emphasis given to the improvements and results obtained within the last several years.

Potential topics include but are not limited to the following:

▸ Artificial intelligence techniques in medicine
▸ Data mining and knowledge discovery in medicine
▸ Medical expert systems
▸ Machine learning-based medical systems
▸ Medical signal and image processing techniques

Authors can submit their manuscripts through the Manuscript Tracking System at https://mts.hindawi.com/submit/journals/jhe/mei/.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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