Special Issue

Clinical Application of Artificial Intelligence in Vascular Surgery

Message from the Guest Editor

Artificial intelligence (AI) has brought new opportunities in healthcare, with a wide range of clinical applications in vascular diseases. From the field of vision and imaging analysis, to machine learning (ML), natural language processing (NLP) and innovative devices, AI has the potential to revolutionize vascular surgery. Various applications can be expected including diagnosis and screening of vascular diseases, prediction models and assessment of the prognosis of patients, surgical planning, follow-up, enhancement of health information system, new tools for public health surveillance and new methods for educational programs. We have entered into a new era where AI and digital health will contribute to improve care for patients and develop precision medicine. In this Special Issue, we encourage authors to submit papers related to applications of AI in vascular surgery including clinical applications, innovative tools and methods for vascular research and education.

Guest Editor

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