

## Special Issue

# Clinical Medicine and Surgery in the Digital Age: Advances in Virtual, Augmented, Mixed, and Extended Reality

### Message from the Guest Editors

The integration of Virtual Reality (VR), Augmented Reality (AR), Mixed Reality (MR), and Extended Reality (XR) technologies into clinical medicine and surgery marks a significant leap forward in medical practice, revolutionizing the way healthcare is delivered and experienced. These cutting-edge technologies offer unprecedented opportunities for enhancing diagnostic accuracy, improving surgical outcomes and personalizing patient care. This Special Issue aims to explore the transformative impact of these technologies on clinical procedures, medical training, patient care, and surgical precision. Despite substantial progress, the field faces core challenges such as the need for standardized protocols, a validation of clinical outcomes, an integration with medical devices, and ensuring patient safety during the implementation of these advanced technologies.

The scope of this Special Issue encompasses a broad range of topics, including but not limited to, the development and application of VR, AR, MR, and XR in surgical training, real-time catheterization, rehabilitation, telemedicine, and patient education.

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### Guest Editors

Dr. Mohsen Annabestani

Dalio Institute of Cardiovascular Imaging, Department of Radiology, Weill Cornell Medicine, New York, NY 10021, USA

Dr. Bobak Mosadegh

Biomedical Engineering in Radiology, Dalio Institute of Cardiovascular Imaging, Department of Radiology, Weill Cornell Medicine, New York, NY 10021, USA

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### Deadline for manuscript submissions

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## Journal of Clinical Medicine

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcm@mdpi.com](mailto:jcm@mdpi.com)

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### Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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### Editors-in-Chief

Prof. Dr. Emmanuel Andr  s

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Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

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