

Special Issue

Advances in Total Hip Arthroplasty: From Diagnosis to Treatment

Message from the Guest Editors

Total hip arthroplasty (THA) has been revolutionized by innovations spanning the full spectrum of patient care, from diagnosis and preoperative planning, through intraoperative guidance and prosthesis design, to postoperative recovery and long-term outcomes. This Special Issue welcomes multidisciplinary submissions that explore cutting-edge technologies, such as advanced imaging, patient-specific instrumentation, robotics, augmented reality navigation, smart prostheses, and digital rehabilitation platforms. Clinicians, biomedical engineers, physical therapists, health services researchers, informaticians, and policy experts are encouraged to contribute original research and reviews. This collection aims to illuminate the synergistic role of technology in improving diagnostic precision, surgical accuracy, implant longevity, and patient-centered care pathways regarding THA.

Guest Editors

Prof. Dr. Thomas W. Wainwright

Orthopaedic Research Institute, Bournemouth University,
Bournemouth, Dorset BH8 8EB, UK

Prof. Dr. Rob Middleton

Orthopaedic Research Institute, Bournemouth University,
Bournemouth, Dorset BH8 8EB, UK

Deadline for manuscript submissions

25 December 2026



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.6
Indexed in PubMed



mdpi.com/si/248641

Medicina
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)





Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.6
Indexed in PubMed



[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
Lithuania

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)