

Special Issue

Total Hip Arthroplasty—Current Challenges

Message from the Guest Editor

The aim and scope of this Special Issue is to discuss current and future challenges in primary and revision total hip arthroplasty (THA) such as (i) primary complex THA (Perthes diseases, DDH, post-traumatic conditions, acetabular fractures, bone loss/osteolysis, osteoporosis), (ii) complication management (instability, infection, periprosthetic fractures at the femoral and acetabular site), (iii) in specific patients (young, very demanding, older adults, obesity, dissatisfied patients, when to deny a total hip), (iv) modern patient management protocols (prehabilitation, enhanced recovery protocols, fast track surgery, orthogeriatric co-management), (v) outcome analysis (focus on PROMS, predictors and strategies to improve satisfaction), (vi) revision surgery (cement in cement, modularity, dual mobility, trunnionosis, metallosis, pseudotumor), and (vii) new technologies in cutting-edge research topics (robotic surgery, virtual versus augmented reality, 3D printing, learning curves, teaching). We are soliciting preclinical studies (anatomical, biomechanical, technical reports) and clinical studies (PROM, outcome, registry data, epidemiological), with a focus on original articles.

Guest Editor

Prof. Dr. Johannes Dominik Bastian

Department of Orthopaedic Surgery and Traumatology, Inselspital, Bern University Hospital, University of Bern, Bern, Switzerland

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

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