

Special Issue

Cutting-Edge in Arthroplasty: Before, While and after Surgery

Message from the Guest Editor

Personalized medicine was introduced in arthroplasty a long time ago to improve outcomes. Compared to the early beginnings of arthroplasty, the range of implant types, implant sizes, geometrical forms, and implantation techniques has grown enormously over the last few decades to better deal with patients' needs and anatomy and to improve outcome. The "software" of peri-operative dealing with the patient and the tissues around the joints have become a milestone in treatment, too. Navigation, gender implants, PSI (patient specific instrumentations), customized implants, robotics, early mobilization, minimally invasive surgery, and altered analgesic and anesthetic care are just some of the potential aspects of interest. Nevertheless, there has not been a single long-lasting approach that has not eventually been refuted. This is also the case for the early detection and even prevention of pathologies leading to the need for arthroplasty, a field which will continue to change until the development of a "pill against arthritis".

This Special Issue aims to address the cutting edge of topics concerning arthroplasty, before, during, and after.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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