



Current Concepts and Recent Advances in Total Knee Arthroplasty

Guest Editor:

Prof. Dr. Tobias Renkawitz

Department of Orthopaedics,
Heidelberg University Hospital,
Heidelberg, Germany

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Message from the Guest Editor

Dear Colleagues,

Knee arthroplasty is already an effective treatment to relieve pain and improve mobility for severe osteoarthritis. The aim is now to further improve patient satisfaction and functional outcomes. So far, despite good survival rates, up to 20% of total knee arthroplasty patients remain dissatisfied. Recently, promising new technologies have been developed to improve surgical accuracy, and the hope is that if we place the implant perfectly, we maximize the odds that our patient will have excellent results.

Topics of interest to this Special Issue include (but are not limited to): current concepts, their advantages, and limitations in total and unicompartmental knee arthroplasty; personalized approaches in knee arthroplasty; fast-track and ultra-fast-track in total and/or unicompartmental knee arthroplasty; the role of minimally invasive surgery in knee arthroplasty; implant positioning and limb alignment; robotic-assisted systems, smart tools and/or navigation technology for knee arthroplasty; new insights into unicompartmental knee arthroplasty; treatment concepts for periprosthetic infection.

I am looking forward to your contributions.





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Office
MDPI, St. Alban-Anlage 66
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