

Special Issue

Era of Personalized Alignment Total Knee Arthroplasty—a Paradigm Shift

Message from the Guest Editors

Knee arthroplasty has evolved for more than half a century and gained satisfactory implant survival and functional outcomes. However, this surgery is now on a paradigm shift from aiming for a single goal to personalized goals. This movement matches “the era of diversity”, in which individuality is respected. This movement is also the start of seeking the personalized goal, pre-arthritic or constitutional condition, where the patient’s own joint morphology, soft-tissue balance and alignment are harmonized. However, the constitutional situation cannot be perfectly estimated once the knee is involved in osteoarthritis. Thus, several approaches have been advocated.

There are increasing reports that compare the mechanical alignment and personalized alignment TKAs, showing equivalent or better results of personalized alignment TKA over the mechanical alignment.

For this Special Issue, we invite authors who have insightful perspectives or are a leader of respective approaches. Through this Special Issue of *Medicina*, the reader will be able to gain an outlook of the personalized TKA and its deliveries.

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