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## Smart Sensors Applications in Total Joint Arthroplasty

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### Message from the Guest Editors

Instability following total joint arthroplasty (TJA) has been reported as a major cause for early or delayed revision. Balancing the joint remains an inexact art with no standardized protocol to optimize soft-tissue tension. To address this problem and to make ligament balancing less operator dependent, several advances in technology have been proposed over the past decades. Among the most used are computer-assisted surgery (CAS), patient specific instrumentation (PSI), robotics and intra-operative sensors, which represent very appealing instruments. This special issue of *Sensors* will host few world experts describing their experience with the use of different sensing technologies during knee, hip and shoulder total joint surgery. It will represent a state of the art textbook for orthopaedic surgeons willing to include the use of sensor technologies

Deadline for manuscript  
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Special Issue



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## Message from the Editor-in-Chief

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