



Introduction to the Special Edition on Total Hip and Total Knee Arthroplasty

The *Journal of Surgical Orthopaedic Advances* is pleased to present this special emphasis edition of the journal highlighting the current state of the art and recent advances in total hip and knee arthroplasty.

The introduction and refinement of total joint arthroplasty is one of the great scientific advances of the second half of the 20th century. Almost 800,000 total hips and 1.4 million total knees were performed in the United States in 2023, which represented a growth rate of over 4%. Lower extremity major, total joint arthroplasty are the only surgical procedures predicted to grow in both the inpatient and outpatient arena between now and 2030.

The special emphasis edition is replete with exciting and previously unpublished information. Highlights include details about computer-navigated arthroplasty, the positive outcomes of robotic-assisted procedures, the incidence and outcomes of postoperative manipulation after total knee arthroplasty, the occupational hazards and injuries sustained by surgeons in total joint arthroplasty, and a review of the evolution of knee prosthesis.

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