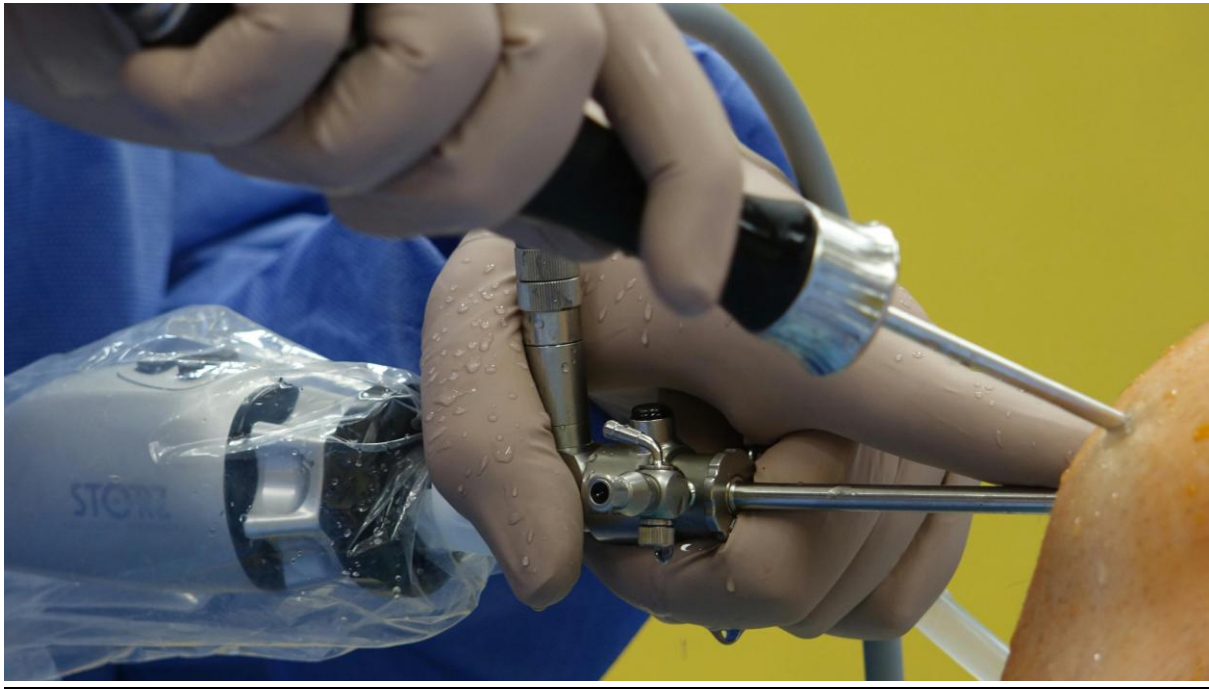


# Orthopedic Surgery Instruments: Essential Tools, Uses, and Innovations



Orthopedic surgery relies on specialized instruments for precision and efficiency in procedures such as fracture repair, joint replacement, and spinal surgery. This article explores essential [orthopedic instruments](#), including bone saws, drills, forceps, retractors, and fixation devices. It highlights their functions, advancements in surgical technology, and innovations like robotic-assisted tools. Additionally, it discusses sterilization, maintenance, and selection criteria to ensure optimal surgical outcomes. Ideal for surgeons, medical students, and healthcare professionals, this guide enhances understanding of orthopedic surgical tools.