

The [Orthopedic Surgery Case Reports Journal](#) publishes high-quality, peer-reviewed, open-access articles focusing on **Infection After Joint Replacement**. The journal welcomes clinically relevant submissions that document rare, complex, and challenging cases of periprosthetic joint infection following hip, knee, shoulder, and other joint replacement procedures.

Infection after joint replacement, commonly referred to as periprosthetic joint infection, is one of the most serious and challenging complications in orthopedic surgery. These infections can significantly impact patient outcomes, implant survival, and healthcare resources. Case-based reporting provides valuable insight into diagnosis, classification, treatment strategies, and outcomes of infected joint arthroplasties.

Scope of the Section

This section covers a broad range of topics related to infection after joint replacement, including but not limited to:

- Periprosthetic joint infection of hip and knee arthroplasty
- Early, delayed, and late prosthetic joint infections
- Acute and chronic infection after joint replacement
- Culture-positive and culture-negative infections
- Biofilm-related implant infections
- Diagnostic challenges and infection classification
- Medical and surgical management strategies
- Outcomes following treatment of infected joint replacements

Periprosthetic Joint Infection

Periprosthetic joint infection occurs when microorganisms colonize the implant or surrounding tissues following joint replacement surgery. Risk factors include advanced age, diabetes, immunosuppression, obesity, prior surgery, and prolonged operative time. Early recognition and appropriate treatment are critical to prevent implant failure and systemic complications.

Case reports and case series highlight clinical presentation, diagnostic pathways, microbiological findings, and treatment strategies such as debridement with implant retention, single-stage revision, two-stage revision, and long-term antibiotic therapy.

Management Challenges and Complications

Managing infection after joint replacement is complex and often requires a multidisciplinary approach. Challenges include identifying the causative organism, managing biofilm formation, addressing bone and soft-tissue loss, and selecting the optimal surgical strategy. Case-based publications provide practical insights into managing difficult infections and associated complications.

Clinical Importance of Case Reports

Case reports and case series play a crucial role in improving understanding of infection after joint replacement by documenting rare pathogens, unusual presentations, treatment failures, and successful management strategies. These reports support evidence-based decision-making and improved patient care.

Topics of Interest Include

- Infection after joint replacement case reports
- Periprosthetic joint infection case series
- Infected hip and knee arthroplasty case reports
- Acute and chronic prosthetic joint infections
- Culture-negative periprosthetic joint infection
- Biofilm-related implant infection case reports
- Single-stage and two-stage revision for infection
- Antibiotic therapy in joint replacement infection
- Complications and outcomes of infected arthroplasty

Submission Categories

- Case Reports
- Case Series
- Video Case Reports
- Image Articles
- Editorials

Online Submission

Authors are requested to submit their manuscripts using our Online Manuscript Submission Portal: <https://www.orthosurgerycasereports.org/submit.html> (or) may also submit via email to: editor@orthosurgerycasereports.org.