

## **How I Treated An Infected Arthroplasty ?**

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Periprosthetic joint infection (PJI) is one of the most serious complications following total knee arthroplasty (TKA) and remains a challenge for surgeons in modern arthroplasty. The demand for TKA is rapidly growing, resulting in a subsequent increase risk of infection involving prosthesis. Recent studies have shown that PJI results in a higher mortality than cancers. The economic burden for treating PJI exceeds US\$1 Billion annually in the United States alone

Due to the existence of various common management practices all around the world, the best management protocol for PJI remains controversial. Although high-level evidence may support some of these practices, many are based on little to no scientific foundation. The author will present about the current trend of management options, such as DAIR (Debridement, Antibiotics and Implant Retention), Single Stage Revision, Two Stage Revision, the timing and limitation of each treatment and the future of PJI management.