

Ultrastatic Spacer Technique For Periprosthetic Joint Infection

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Periprosthetic joint infection (PJI) following total knee arthroplasty (TKA) has high morbidity and mortality. Management of chronic PJI in the setting of extensor mechanism disruption, extensive bone loss, or compromised soft tissue envelope remains a complex surgical challenge. In such cases, knee arthrodesis using an ultrastatic spacer can serve as a permanent solution or a temporizing solution to achieve stability and infection control prior to staged reimplantation. The purpose of this video was to review the rationale, indications, and review a representative case of the ultrastatic spacer technique in a patient with chronic prosthetic joint infection.