



Contents

SPECIAL ISSUE ON PROSTHETIC JOINT INFECTION

EDITORIAL

- Introduction to the Special Issue on Prosthetic Joint Infection** 195
Thomas K. Fehring, MD

ARTICLES

- Wound Management in Total Knee Prosthetic Joint Infections** 196
Nicholas R. Johnson, MD; Ryan Garcia, MD
- Prevention of Periprosthetic Joint Infection of the Hip and Knee:
Modern Techniques and Strategies**..... 202
Nicholas R. Johnson, MD; Jesse E. Otero, MD, PhD
- Patient Optimization Strategies Prior to Elective Total Hip and Knee Arthroplasty**..... 207
Nicholas R. Johnson, MD; Bryan Springer, MD
- Diagnosis of Prosthetic Joint Infection** 212
William Jiranek, MD, FACS; Peter Surace, MD
- One-stage Treatment of Prosthetic Joint Infection** 216
Cody C. Wyles, MD; Brian M. Curtin, MD
- Two-stage Treatment for Hip and Knee Periprosthetic Infections**..... 219
Murillo Adrados, MD; Benjamin R. Coobs, MD; Joseph T. Moskal, MD

The Role of Antiseptic Irrigation Solutions and Topical Antibiotics in Total Joint Arthroplasty 226
 Joshua T. Anderson, MD; A. Jack Barnes, MD; Jeffrey B. Stambough, MD

Review of Salvage Therapies for Periprosthetic Joint Infection After Total Knee Arthroplasty 231
 Joshua W. Mueller, BS; Simon C. Mears, MD, PhD; Benjamin M. Stronach, MS, MD; C. Lowry Barnes MD; Jeffrey B. Stambough, MD

Extraction Techniques for Well-fixed, Infected Hip Arthroplasty Implants..... 235
 Thomas L. Bradbury, MD, FAOA

Considerations for Intravenous Antibiotic Treatment of Prosthetic Joint Infections 243
 Courtney Russ-Friedman, FNP-BC; Erika Ross, PA-C; Benjamin Whitt, MD; Chukwunyelu Enwezor, MD; Jose Trigueros, MD; Erin Barnes MD, MS

Debridement and Implant Retention for Acute Periprosthetic Joint Infection 249
 Carl L. Herndon, MD; Keith A. Fehring, MD

The Importance of Appropriate Incision Choice in Conversion Total Knee Arthroplasty 253
 Omar A. Behery, MD, MPH; Thomas K. Fehring, MD

The Use and Monitoring of Oral Antibiotics for Treatment of Prosthetic Joint Infections 256
 Erin Barnes MD, MS; Courtney Russ-Friedman, FNP-BC; Erika Ross, PA-C; Ernesto Aranda, MD; Benjamin Whitt, MD

The Perils of Open Wound Management in Prosthetic Joint Infection Treatment..... 263
 Thomas K. Fehring, MD

ANNOUNCEMENTS 265

CONTINUING MEDICAL EDUCATION QUESTIONNAIRE..... 267

CONTINUING MEDICAL EDUCATION ANSWER FORM 270