

CDC GUIDELINE FOR THE PREVENTION OF SSI, 2017

Recommendation	Category	Ortho Current Bundle	Ortho Current Perf.
Joint Arthroplasty			
Blood Transfusion			
11A Blood transfusions <i>Other guidelines: In hemodynamically stable postoperative surgical patients, transfusion is recommended for hemoglobin levels of 8 g/dL or less for those with symptoms (e.g. chest pain, orthostatic hypotension or tachycardia unresponsive to fluid resuscitation, or congestive heart failure). In adult and pediatric ICU patients, the recommended hemoglobin level for transfusion is 7 g/dL or less.</i>	Unresolved No Rec.		
11B Do not withhold transfusion of necessary blood products from surgical patients as a means to prevent SSI	IB		
Systemic Immunosuppressive Therapy			
12 and 13 Systemic corticosteroid or other immunosuppressive therapies 14 For prosthetic joint arthroplasty patients receiving systemic corticosteroid or other immunosuppressive therapy, recommendation is do not administer additional antimicrobial prophylaxis doses after the surgical incision is closed in the OR, event in the presence of a drain. <i>Other guidelines: CPG's provide conflicting recommendations regarding the perioperative management of immunosuppressive therapy. In 2008 ACR recommended that biologic agents not be used for at least 1 week prior to and 1 week following surgery (based on the pharmacokinetic properties of a given agent). The 2012 ACR update does not address perioperative management of immunosuppressive therapy.</i>	Unresolved No Rec. IA		
Intra-articular Corticosteroid Injection			
15 and 16 Use and timing of preoperative intra-articular corticosteroid injection. <i>Other guidelines: While CPG's include intra-articular corticosteroid injections among their pharmacologic recommendations for the initial management of knee and hip osteoarthritis, they do not provide recommendations on management strategies with regard to SSI prevention. Safe injection practices apply to the administration of intra-articular corticosteroid injections.</i>	Unresolved No. rec		
Anticoagulation			
17 VTE Prophylaxis	Unresolved No. rec		
Orthopedic Surgical Space Suit			
18 Use of space suits or who should wear them	Unresolved No rec.		
Postoperative Antimicrobial Prophylaxis Duration with Drain Use			
1 In clean/clean-contaminated cases, do not administer additional antimicrobial prophylaxis doses after the surgical incision is closed in the OR, even in the presence of a drain.	IA		
Biofilm			
20A Cement modification and the prevention of biofilm formation or SSI in prosthetic joint arthroplasty	Unresolved No Rec.		
20B Prosthesis modifications for the prevention of biofilm formation or SSI	Unresolved No Rec.		
20C Vaccines for the prevention of biofilm formation or SSI	Unresolved No rec		
20D Biofilm control agents such as biofilm dispersants, quorum sensing inhibitors or novel antimicrobial agents for the prevention of biofilm formation or SSI	Unresolved No rec		