

## Antibiotic Guideline Adherence

**Authors :** I. A. Harris, J. M. Naylor

**Abstract :** Antibiotic guidelines are published in order to reduce the risk of perioperative infection in orthopaedics. We surveyed 20 orthopaedic hospitals in Australia to determine their protocols for antibiotic prophylaxis around joint replacement surgery. We tested the protocols against Australian guidelines. We found that less than half of all protocols adhered to Australian guidelines. This indicates that current practice may lead to increased infection rates and increased antibiotic resistance.

**Keywords :** antibiotics, practice guidelines, orthopaedic surgery, joint replacement

**Conference Title :** ICCM 2015 : International Conference on Clinical Microbiology

**Conference Location :** Berlin, Germany

**Conference Dates :** May 21-22, 2015