



Orthopedic Infections: Epidemiology and Antimicrobial Treatment

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Message from the Guest Editor

Orthopedic infections remain challenging to treat and sometimes difficult to diagnose. Their management requires a multidisciplinary approach. They include post-surgical osteomyelitis, prosthetic joint infections, and various infections, such as septic arthritis after ligament reconstructions. This Special Issue will focus on these infections and describe the epidemiology, including infection rates, risk factors, and microbiology. Then, we will discuss antimicrobial treatment, focusing on probabilistic treatment options, therapy of documented infections, when to use anti-biofilm antibiotics, particularly rifampicin, when to use a combination of antibiotics, the total duration of treatment and duration of IV (if needed) treatment, the place of local antimicrobial agents and new systemic antibiotics.





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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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