Antibiotics Prophylaxis for Knee Arthroplasty: Benefits and Problems

Guest Editor:

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Deadline for manuscript submissions:
closed (31 May 2023)

Message from the Guest Editor

Dear Colleagues,

Knee arthroplasty infection is one of the biggest surgical challenges we face in our practice. The strongest weapon we have is prevention, antibiotic prophylaxis being one of the cornerstones, if not the single most important factor. The quickly evolving antibiotic resistance observed across all disciplines is present in our field as well.

This Special Issue is focused on antibiotic agents and application strategies of antibiotic prophylaxis in primary, revision, and tumour knee arthroplasty. Comparisons of agents, the use of multiple agents, comparisons of differing application lengths, between-center comparisons, differing application pathways, and adverse reactions to prophylaxis are some of the topics of interest. Original research manuscripts, short communications, and reviews are welcomed.

Special Issue

Editor-in-Chief

Prof. Dr. Nicholas Dixon
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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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