



Diagnosis and Management of Bone Infection

Guest Editors:

Mr. Nima Heidari

Consultant Orthopaedic and Trauma Surgeon, Orthopaedic Surgeon, Lead for Limb Reconstruction, The Royal London Limb Reconstruction Service, Royal London Hospital, Barts Health NHS Trust, UK

Prof. Dr. Andrej Trampuz

Consultant for Infectious Diseases, Center for Musculoskeletal Surgery, Charité - Universitätsmedizin Berlin, Berlin, Germany

Deadline for manuscript submissions:

closed (30 April 2022)



mdpi.com/si/82581

Message from the Guest Editors

Dear Colleagues,

Bone infection represents a diagnostic and therapeutic challenge. Accurate diagnosis and correct surgical treatment in combination with targeted antimicrobials are prerequisites to achieving the best outcome. The aim of treatment is the eradication of the infection and the restoration of skeletal anatomy in order to maintain and regain bone biological function. The management of bone infection needs surgical intervention to remove dead and infected tissue and reestablish skeletal (bone and soft tissue) integrity.

In this Special Issue, concepts related to the prevention and treatment of infection associated with open fractures and internal fracture fixation will be reviewed. The key to success is a multi-disciplinary team approach integrating clinical expertise, diagnostic algorithms, appropriate surgery, and local and systemic antimicrobials. It is also necessary to consider some specific aspects in special circumstances such as the presence of diabetic foot infections, peri-prosthetic joint infections, and infection in children that require a nuanced approach. Studies in these areas are also welcomed.

Dr. Andrej Trampuz

Dr. Nima Heidari

Guest Editors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine &
PET National University Hospital,
Rigshospitalet, University of
Copenhagen, Blegdamsvej 9, DK-
2100 Copenhagen, Denmark

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Contact Us

Diagnostics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diagnostics
diagnostics@mdpi.com
[X@diagnostic_mdpi](https://twitter.com/diagnostic_mdpi)