

Special Issue

Clinical Advances in the Diagnosis and Management of Joint Infections

Message from the Guest Editor

As a main and devastating complication of arthroplasty, periprosthetic joint infection (PJI) is a major burden for the healthcare system, and accurate diagnosis is the starting point for effective treatment. However, the diagnosis of PJI can be difficult, and current diagnostic tests suffer problems with accuracy and the interpretation of results. In recent years, many new tests and techniques have been proposed and applied in clinical practice, but there is no consensus on the place of many of these in diagnostic pathways. This Special Issue aims to introduce the advances of clinical tests or techniques in PJI diagnosis and management, including (but not limited to) the following topics:

- New biomarkers in the diagnosis of PJI;
- New molecular biology techniques in the diagnosis of PJI;
- New imaging techniques in the diagnosis of PJI;
- New diagnosis algorithm based on available tests or techniques;
- The role of machine learning or artificial intelligence in the diagnosis of PJI;
- The role of biofilm in the diagnosis and management of PJI;
- The advances and clinical results of stage I or II revision of PJI;
- New target therapy for PJI.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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