

Special Issue

Spinal Infections: Pathogenesis, Diagnosis, Management and Outcomes

Message from the Guest Editor

The field of spinal infections constitutes a demanding diagnostic and management problem for which multidisciplinary approach with spine surgeons, radiologists, and infectious disease specialists is required. Although traditional treatment may be sufficient for managing a portion of cases, recurrences of the infection and associated risks including pain, spinal instability, neurological impairment, and toxicity with long-term antibiotic usage have been reported. Among the pertinent practical open questions in the field of spinal infections are the benefits of spinal instrumentation, the role of emerging technologies in diagnosis and treatment, such as minimal invasive surgery, the design of novel implants and smart materials, and the optimization of antibiotic treatment. The aim of this Special Issue, therefore, is to provide a stage for outstanding clinical, technical, and epidemiological contributions describing recent advances that can lead to improvements of diagnosis, treatment, and prognosis in the field of spinal infections.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/126782

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