



Osteomyelitis: Diagnosis, Management and Future Opportunities

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Message from the Guest Editor

It is my pleasure to present this Special Issue of the *Journal of Clinical Medicine* on “Osteomyelitis: Diagnosis, Management, and Future Opportunities.” The purpose of this issue is to investigate the clinical management of osteomyelitis, an infection of the structural components of the musculoskeletal system that can present in adults or children, especially those with particular risk factors. The nonspecific presenting symptoms such as localized pain, swelling, and fever bespeak the intricacy of the diagnosis and necessitate correlation with advanced diagnostic imaging. Management depends on the extent and characterization of the infection, with long-term broad spectrum antibiotics being an essential component in the mainstay of treatment options. Surgical intervention may be required to debride dead bone and surrounding tissue to prevent further spread or reinoculation. The increasing knowledge about the pathophysiology and treatment outcomes will further allow us to risk stratify those with osteomyelitis and properly regulate their condition.





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