

Special Issue

Current Trends and Challenges in the Diagnosis and Management of Pediatric Knee Disorders

Message from the Guest Editor

Pediatric knee disorders represent a complex and evolving field in pediatric orthopedics, with a broad spectrum of conditions ranging from congenital anomalies and developmental disorders to traumatic injuries and overuse syndromes. Accurate diagnosis and timely management are essential to prevent long-term functional impairments and promote optimal musculoskeletal development. This Special Issue aims to bring together original research, clinical studies, and comprehensive reviews that explore recent advances in imaging, surgical and non-surgical treatments, rehabilitation strategies, and long-term outcomes in pediatric knee pathologies. We especially welcome contributions addressing diagnostic challenges, innovations in minimally invasive techniques, sports-related injuries in growing athletes, and interdisciplinary approaches to care. We invite authors to share their latest findings and clinical experiences to foster a deeper understanding of current challenges and emerging solutions in this vital area. By compiling diverse perspectives and up-to-date evidence, this Special Issue seeks to support improved care pathways and guide future research in pediatric knee health.

Guest Editor

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