



children



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Orthopedics and Trauma in Children

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Message from the Guest Editors

Dear Colleagues,

Pediatric bone anatomy and physiology produce age-specific injury designs and circumstances that are special to children, making them demanding to diagnose and treat. Musculoskeletal injuries in the pediatric population are unique and require a thorough evaluation by a skilled specialist. Contrary to adults, many of the injuries may be treated closed due to children's astonishing growth and remodeling capacity.

Orthopedic issues in children are common. They can be congenital, developmental, or acquired, counting those of infectious, neuromuscular (as cerebral palsy associated deformities), nutritional (e.g., rickets), neoplastic, psychogenic, or traumatic.

Upper and lower limb injuries are common in children, with a general likelihood of fracture of approximately 1 in 5 children. Severe lower extremity trauma introduces challenges in decision making regarding reconstruction or amputation.

This Special Issue is important to address the evidence-based recommendations for management of the different orthopedic deformities related to congenital and neurological disorders, infectious problems, amputations, and traumatic injuries in children.



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Special Issue