



Skeletal Radiology

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Message from the Guest Editor

Dear Colleagues,

Musculoskeletal disorders are commonly encountered diseases affecting a wide age range of our patients from young athletes to elderly population. Advances in imaging technology with multi-slice CTs, high-frequency ultrasounds, and high-resolution 3T MRIs have revolutionized the diagnosis of these often-subtle structural disorders and provided us with new opportunities for improved patient care. New CT and MRI techniques have made it possible to predict disease processes to diagnose pathologies in the pre-structural phase. This will create the opportunity for early diagnosis and treatment of musculoskeletal disorders.

This field has already changed and will continue changing with novel approaches such as radiomics, machine learning, and quantitative analysis using multiparametric imaging. All these new, emerging diagnostic approaches are advocating the idea of precision and personalized medicine. This Special Issue aims to provide some updates on novel diagnostic approaches for different musculoskeletal disorders.

Dr. Majid Chalian
Guest Editor





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