



Diagnostic Imaging of Arthritis

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Message from the Guest Editors

The many developments in imaging technology include WB-MRI, advances for muscle imaging, advances in MRI after joint arthroplasty, DECT, more sensitive doppler techniques, higher frequencies of transducers, shear wave elastography in the case of ultrasonography, and nuclear imaging. There have also been advances in quantitative morphologic assessment of the biochemical composition of cartilage in MRI, crystal burden in DECT, vascularity in DCE-MRI and ultrasonography, and bone mineral density in DEXA, CT, ultrasound, and MRI, as well as in semiquantitative assessments. Various other ongoing developments, including musculoskeletal applications of artificial intelligence, are also taking place.

This Special Issue aims to present these new frontiers of “Diagnostic Imaging in Arthritis”.

We invite contributions from experts on imaging in arthropathies, both inflammatory and noninflammatory, in adults and juveniles in order to present recent scientific achievements and update the scientific literature on this topic.

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