

Special Issue

Ultrasound Diagnosis and Guided Intervention of Musculoskeletal/Neuromuscular Pathology, Second Edition

Message from the Guest Editor

Diagnosing musculoskeletal disorders based on clinical symptoms alone is often unreliable. Advances in ultrasound—offering radiation-free, real-time, dynamic imaging—have greatly improved identification of underlying pathologies. Recent developments like elastography allow better assessment of tendon and muscle properties, enhancing diagnostic accuracy and follow-up. Compared to MRI, ultrasound is more effective in identifying sources of peripheral and axial pain and guiding interventions precisely. Studies show ultrasound-guided treatments outperform landmark-based methods. Given pain's major impact on quality of life, optimizing ultrasound's role in diagnosis and management is a key priority. This Special Issue invites research, reviews, and clinical studies on ultrasound for diagnosing and treating musculoskeletal pain, including nerve entrapment syndromes. Topics include:

- Correlation of ultrasound with other imaging/surgical findings
- Diagnostic accuracy and treatment effectiveness
- Training in musculoskeletal ultrasound
- Ultrasound-guided interventions
- Elastography for diagnosis and monitoring

We look forward to your contributions.

Guest Editor

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