Special Issue

The Role of AI in Ultrasound

Message from the Guest Editor

The importance of artificial intelligence (AI) in medical ultrasound is multifaceted, encompassing automated image interpretation, improved diagnostic precision and the development of predictive models for patient management. These advancements promise to significantly reduce the variability in ultrasound interpretation and enable more personalized patient care. Furthermore, AI-driven ultrasound can expand access to high-quality diagnostic imaging in resource-limited settings, democratizing healthcare on a global scale.

This Special Issue will serve as a platform for disseminating novel research findings, sharing clinical experiences and discussing future directions in the integration of AI with medical ultrasound. Our goal is to foster a multidisciplinary dialogue that will spur innovation, optimize clinical workflows and ultimately improve patient care. Contributions are welcomed from researchers, clinicians and technologists who are at the forefront of applying AI in ultrasound imaging across various medical specialties.

Guest Editor

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Deadline for manuscript submissions

31 December 2025

Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed

mdpi.com/si/199384

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mdpi.com/journal/diagnostics

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