

Special Issue

Advancements in Acute-Care Point-of-Care Ultrasound

Message from the Guest Editor

Nowadays, POCUS in acute care has infiltrated many clinical settings, mainly due to technological advancements that improve handheld POCUS-designated machines, enhance imaging quality, reduce machine costs, afford AI-based applications, and offer improved telemedicine usability. This Special Issue aims to provide a comprehensive overview of the advancements in acute-care POCUS technologies, new applications. We would also ask researchers to submit clinical studies that show outcome advantages using acute-care POCUS. Our interests include, but are not limited to, the following:

- Automatic tools for different ultrasonographic measurements, such as real-time automatic EF, cardiac ultrasound views acquisition guidance, automatic stroke volume measurements, etc.;
- AI-based data to improve real-time POCUS performance and reading;
- Clinical studies and reviews in POCUS utilization and impact on patient care, outcomes, or management.

Guest Editor

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