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Advances in Thoracic Ultrasound

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Message from the Guest Editors

Thoracic Ultrasound (TUS) has proven to be an important auxiliary diagnostic tool in the diagnosis of several pleuro-pulmonary disorders, with numerous advantages over traditional radiological imaging techniques (i.e., chest X-ray and chest CT scan). These advantages include being non-invasive and radiation-free, having a lower cost, the possibility of follow-up examinations, the ability to monitor treatment and its easy accessibility in all settings (including poor countries).

In recent decades, new sonographic technical innovations, such as contrast-enhanced ultrasound (CEUS) and sonoelastography, are becoming increasingly important in diagnostic imaging and interventional medicine. This Special Issue will focus on the recent advances in TUS, with particular interest on the advantages and limits of the diagnostic and interventional use of the new sonographic technical innovations in the study of chest diseases.

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Special Issue



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