Emergency Radiology: Challenges and New Trends

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Message from the Guest Editor

Dear Colleagues,

Emergency radiology is a relatively new subspecialty that has thrived in the last decade, due to the development of cross-sectional imaging and, in particular, CT imaging. Most universities and community hospitals strive to have a dedicated emergency radiology department, as the variety of urgent clinical situations require specialized radiology training to offer the best care and ensure the quality of emergency medicine as a whole.

To offer the best care, multiple imaging modalities at our disposal must be correctly chosen based on the clinical indications. Artificial intelligence-aided diagnostic tools have proven to be helpful, and it is crucial to understand their potential for routine use.

Another form of emergency radiology that has accrued value in the post-pandemic era is emergency teleradiology. To guarantee a fast and proper response to critically injured patients, it is paramount to implement workflow optimization methods.

The purpose of this Special Issue is to showcase the new advances in the field of emergency radiology and to demonstrate how to maximize our current knowledge to provide the best patient care.

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Special Issue

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Message from the Editor-in-Chief

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