



diagnostics



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Leading Diagnosis on Chest Imaging

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

The aim of this Special Issue is to provide an overview of recent technical developments in chest imaging and their clinical relevance, with a special focus on spectral CT imaging and MR imaging. In this context, original articles, review articles, and case reports based on novel imaging algorithms and methods will be included. Technologies such as spectral imaging, including dual-energy CT and photon-counting CT, radiation dose reduction algorithms, and possibilities for contrast media reduction, will be covered in this Special Issue. In the first part, technical articles will focus on general principles and methods with a special focus on spectral CT imaging and MR imaging. In the second part, clinical studies will evaluate and demonstrate the clinical relevance of novel imaging technologies, methods, and algorithms for various different anatomical regions/diseases in the chest. Finally, a discussion among 2–3 experts in the field will summarize and interpret the findings of this Special Issue, also regarding future developments and their potential.



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Special Issue



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Message from the Editor-in-Chief

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