



an Open Access Journal by MDPI

Cardiothoracic Imaging: Diagnostics and Modern Techniques

Guest Editors:

Prof. Dr. Edyta Szurowska

2nd Department of Radiology,
Faculty of Health Sciences with
the Institute of Maritime and
Tropical Medicine, Medical
University of Gdansk, 80-214
Gdansk, Poland

Dr. Joanna Pieńkowska

2nd Department of Radiology,
Medical University of Gdansk,
Gdansk, Poland

Dr. Joanna Bidzińska

2nd Department of Radiology,
Medical University of Gdansk,
Gdansk, Poland

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

The therapeutic decision in patients with cardiovascular and pulmonary problems is often made in multidisciplinary teams, in which radiological evaluation plays an integral part. This Special Issue will focus on the role of a radiologist in diagnostic and therapeutic teams, and the importance of imaging studies in a comprehensive approach to treatment and follow-up. Current guidelines for the use of imaging studies in specific clinical situations and disease entities will be discussed, and the benefits of using new study protocols and sequences will be demonstrated, with examples provided. We will discuss both ischemic and non-ischemic heart disease and advances in cardiac imaging.

Regarding chest imaging, we will focus on lung-cancer screening (LCS) using low-dose CT and the directions of its development, such as the implementation of artificial intelligence (AI), including the use of machine learning (ML).

The main topics of the Special Issue include:

1. How to accurately visualize cardiac lesions.
2. How to improve the LCS program.
3. How to cooperate in joint multidisciplinary teams.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine &
PET National University Hospital,
Rigshospitalet, University of
Copenhagen, Blegdamsvej 9, DK-
2100 Copenhagen, Denmark

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Contact Us

Diagnostics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diagnostics
diagnostics@mdpi.com
[X@diagnostic_mdpi](https://twitter.com/diagnostic_mdpi)