

Special Issue

Challenges and Future Trends in Emergency Medicine

Message from the Guest Editors

This Special Issue will focus on the crucial field of emergency imaging, from acute patient scenarios requiring rapid diagnosis to mass-casualty incidents, also the organizational and technological advances being made in this area. The major challenge for emergency radiologists is to match the traditional clinical culture of emergency medicine with the many sophisticated technologies providing a fast and effective contribution in a clinical and therapeutic perspective and to reduce costs by choosing the appropriate technique for each case. It's a burgeoning area of clinical interest which has gathered a great deal of attention over the past few years, especially in the wake of several high-profile mass-casualty incidents and the coordinated efforts of the healthcare professionals involved. It is very timely to highlight some of the key topics with a series of comprehensive articles from leaders in the field. Hope that this collection of themed articles will provide a comprehensive overview of where emergency radiology stands now, in addition to presenting some stimulating opinions and insights into the future direction of this fascinating field of research and clinical practice.

Guest Editors

Prof. Dr. Mariano Scaglione

1. Department of Medical Surgical and Experimental Sciences, University of Sassari, Sassari, Italy
2. Department of Radiology, The James Cook University Hospital, Middlesbrough TS4 3BW, UK
3. Department of Radiology, Pineta Grande Hospital, Via Domitiana Km 30, 81030 Castel Volturno, Italy
4. School of Health and Life Sciences, Teesside University, Middlesbrough TS1 3BX, UK
5. Italian Society of Medical and Interventional Radiology (SIRM), SIRM Foundation, Via della Signora 2, 20122 Milan, Italy

Dr. Stefania Tamburrini

Department of Radiology, Ospedale del Mare-ASLNa1 Centro, 80147 Napoli, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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