Radiological Safety and Quality - Paradigms in Leadership and Innovation is a multi-disciplinary and inter-sectorial collaboration by international experts and leaders from academic institutions, radiology practices, professional organizations, regulatory authorities, UN and international agencies. Established principles and new concepts, challenges and opportunities, and examples of leadership and innovations are discussed to raise awareness, share experience and facilitate development of facility-based or system-wide improvements in radiation safety, quality radiology and patient care by procedure justification, optimization of protection and imaging data and incident minimization.

The 26 chapters by 53 experts and 11 messages from international organizations and agencies convey a common theme: there is no single panacea to improve radiological safety and quality but on-going leadership, innovation, collaboration and stakeholder participation are needed.

The Editors

Lawrence Lau is a radiologist from Melbourne and the founding Chairman of the International Radiology Quality Network, an organization focusing on collaborative actions to improve the quality, safe and appropriate use of radiology for practitioners, facilities and healthcare systems. Kwan-Hoong Ng is a Professor of Medical Physics in the Department of Biomedical Imaging and the University of Malaya Research Imaging Centre, University of Malaya, Kuala Lumpur. He has been actively involved with education, research and training in radiological safety and imaging.

The Team


The principles and examples facilitate practitioners to improve patient care by doing the right procedure by justification and doing the procedure right by optimization and incident minimization.

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