

## Special Issue

# New Optimization Strategies on Radiation Protection in Fluoroscopy-Guided Interventional Procedures in Pediatrics

### Message from the Guest Editor

The number of fluoroscopy-guided interventional procedures in pediatrics is increasing, especially in interventional cardiology. In recent decades, pediatric cardiac catheterization has gone from being a primarily diagnostic tool to becoming a therapeutic modality that has substantially improved the prognosis of congenital cardiac malformations. However, these procedures may involve high radiation doses to patients. Particular attention must be paid to pediatric patients undergoing these procedures, as children are potentially at greater risk of radiation-induced stochastic effects due to the higher radiation sensitivity levels of their tissues compared to adult patients. Furthermore, they have a longer lifespan, in which long-term effects such as neoplasms can develop. This Special Issue aims to deal with the latest developments in New Optimization Strategies on Radiation Protection in Fluoroscopy-Guided Interventional Procedures in Pediatrics.

### Guest Editor

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### Deadline for manuscript submissions

closed (1 December 2024)



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### Message from the Editor-in-Chief

You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

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