

Special Issue

Pediatric Cardiac Surgery: From Diagnostics to Management of Peri-Operative Hemostasis and Transfusion

Message from the Guest Editors

Maintaining hemostatic balance during neonatal and pediatric cardiac surgery is essential for optimal outcomes. Appropriate strategies require correct use of diagnostic tools, comprehensive blood management, and targeted interventions for bleeding or thrombosis. The variability in patient physiology, maturity, and surgical complexity presents major challenges. This Special Issue explores these challenges across all phases of neonatal and pediatric cardiac surgery, highlighting regional and institutional variations in diagnostic and management strategies that reflect diverse traditions and evolving practices. This exchange of experience and expertise offers opportunities to address complex issues, such as achieving effective hemostasis in small infants after prolonged procedures. We welcome authors to share their experience, knowledge, and insights. These collective contributions will advance understanding of blood management and hemostasis in this vulnerable population. Original research, reviews, clinical observations, device and methodology reports, and short communications are encouraged.

Guest Editors

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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.

Editor-in-Chief

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