



Advances in Pediatric Cardiology Nutrition

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Message from the Guest Editors

Nutrition is a crucial aspect in pediatric patients with both acute and chronic cardiovascular conditions, from a preventive, therapeutic and prognostic point of view. Only a few decades ago were the problems concerning obesity, metabolic syndrome and cardiovascular outcomes considered to be an adult issue. The change in dietary habits, leading to the dramatic increase in pediatric obesity and the risk of metabolic syndrome early in pediatric age, has triggered research on the typical endocrine (dyslipidemia) and cardiovascular alterations that usually affect adults. Similarly, the advancements in congenital heart disease care are leading to better outcomes and higher survival rates, raising a question about nutritional claims before and after surgery. Moreover, the long-term outcome of pediatric patients with congenital or acquired heart diseases (i.e., Kawasaki disease with coronary involvement) could be positively influenced by specific dietary claims. Eventually, nutritional deficiencies due to organic or psychiatric diseases (including anorexia and other eating disorders) may affect cardiovascular health.





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