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Novel Insights into Heart–Lung Interaction and Hemodynamics

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Message from the Guest Editor

Modern hemodynamic monitoring devices provide a wide range of sophisticated parameters to decode the patient's condition and help to determine the optimal therapy. From continuous cardiac output estimation and blood pressure measurement to the more complex evaluation of the cardiovascular interactions or microcirculation, these hemodynamic variables rely on often poorly understood physiological principles. More profound knowledge of these principles would allow a better understanding of the underlying mechanisms of cardiovascular disorders and a better interpretation of hemodynamic variables provided by current hemodynamic monitoring tools.

This Special Issue “**Novel Insights into Heart–Lung Interaction and Hemodynamics**” will be focused on the cardiovascular physiology applied to critically ill patients and cover some of these physiological principles. Hopefully, this series of articles will provide the reader with a broader comprehension of the physiological principles necessary to understand modern monitoring tools.



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Special Issue



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Message from the Editor-in-Chief

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