Over the past four decades, critical care medicine has become increasingly complex. Hence, critical care medicine is a cutting-edge medical field that is highly evidence-based. Studies are continuously published that alter the approach to patient care. There is an old Chinese saying “Both sides must present their opinions.” (兼听则明，偏听则暗). Even the most well-designed studies could not solve everything.

As one of the “Key Leaders’ Opinion” series produced by AME, the book contains the commentaries written by 40 key leaders with outstanding academic reputation on most recent influential studies in the field of critical care medicine. The articles in this book cover a wide range of topics that are relevant to sepsis, infection, mechanical ventilation, extracorporeal life support, nutrition, etc. It's editors’ hope that this book will provide clinicians practicing in the intensive care unit with a reference to understand those extraordinary studies and to help guide their care of critically ill patients.

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