DESCRIPTION:
This second edition presents the first update on a consensus process during which all evidence from the literature with a survival benefit in the perioperative period was gathered, and in which 500 physicians from 61 countries worked to confirm the findings.

Perioperative morbidity and mortality currently represent a public health problem, as mortality alone is 1-4% in Western countries. Surprisingly, randomized evidence of survival benefit in the perioperative period is available for only 12 topics, while two drugs have been demonstrated to increase mortality. This book offers a complete description of each topic with updated evidence from the literature. Each chapter deals with a specific drug or technique and is structured into the following: background knowledge, main evidence from the literature, and a practical how-to section. Lastly, the book describes in detail the consensus process used, which served to reinforce the systematic review and which is currently being used and improved in other settings with growing success.

Written by respected international experts, Reducing Mortality in the Perioperative Period, 2nd ed. will be of interest to a wide variety of specialists, including anesthesiologists, intensivists, surgeons and cardiologists.

CONTENTS:
1. The Risks and Benefits of the Consensus Process
2. The Process of Consensus Building
3. Noninvasive Ventilation and Perioperative Mortality
4. Role of Inhalational Anesthetic Agents in Reducing Perioperative Mortality
5. Can Neuraxial Anesthesia Reduce Perioperative Mortality?
6. Role of Hemodynamic Optimization in Reducing Perioperative Mortality
7. Levosimendan
8. Perioperative β-Blocker Therapy
9. Leukocyte Depletion of Transfused Blood May Reduce Mortality in Cardiac Surgery Patients
10. Reducing Perioperative Mortality with the Intra-Aortic Balloon Pump
11. Selective Decontamination of the Digestive Tract
12. Role of Insulin in Reducing Mortality in the Perioperative Period
13. Aprotinin: Pharmacological Benefits and Safety
14. Liberal Transfusion Strategy in the Perioperative Period
15. Reducing Mortality in the Perioperative Period: Remote Ischemic Preconditioning
16. Statins and Perioperative Mortality
17. Tranexamic Acid to Reduce Perioperative Mortality
18. Reducing Mortality in the Perioperative Period: A Continuous Update
19. Randomized Evidence of Mortality Reduction Not Confirmed in Most Recent Works: A Methodological Problem