Part I  RRSs and Patient Safety

1  Why Have a Rapid Response System? Cold with Fear: The Patient and Family Experience of Failure to Rescue ........  3
   Helen Haskell

2  Rapid Response Systems: History and Terminology ...............  17
   Bradford D. Winters and Michael A. DeVita

3  RRS’s General Principles ............................................................  25
   Ajay D. Rao and Michael A. DeVita

4  Measuring Safety .................................................................  31
   Bradford D. Winters, Peter J. Pronovost, Marlene Miller,
   and Elizabeth A. Hunt

5  Medical Trainees and Patient Safety .....................................  45
   Stephen Lam and Arthas Flabouris

6  RRS and the Culture of Safety .................................................  53
   Ken Hillman, Hadis Nosrati, and Jeffrey Braithwaite

7  Creating Process and Policy Change in Healthcare .................  59
   Stuart F. Reynolds and Bernard Lawless

8  The Assessment and Interpretation of Vital Signs ...................  63
   John Kellett

9  Multiple Parameter Track and Trigger Systems .......................  87
   John Asger Petersen

10 Causes of Failure to Rescue ..................................................  95
    Marilyn Hravnak, Andrea Mazzoccoli, Eliezer Bose,
    and Michael R. Pinsky

11 Rapid Response Systems: A Brief Review of the Evidence ......  111
    Bradford D. Winters

12 Making the Business Case for a Rapid Response System ........  125
    Shane C. Townsend
Part II   Creating an RRS

13 Hospital Size and Location and Feasibility of the Rapid Response System ............................................. 139
   Daryl A. Jones and Rinaldo Bellomo

14 Barriers to the Implementation of RRS .................................. 147
   Oluwaseun Davies, Michael A. DeVita, and Ken Hillman

15 An Overview of the Afferent Limb ............................................ 159
   Gary B. Smith, David R. Prytherch, and Alex J. Psirides

16 The Impact of Delayed Rapid Response System Activation .... 173
   Daryl A. Jones, Christian Subbe, and Rinaldo Bellomo

17 Nurse-Led Rapid Response Teams ............................................. 181
   Kathy D. Duncan, Terri Wells, and Amy Pearson

18 MET: Physician-Led RRTs ......................................................... 193
   Daryl A. Jones and Rinaldo Bellomo

19 Pediatric RRSs ......................................................................... 201
   Christopher P. Bonafide, Patrick W. Brady,
   James Tibballs, and Richard J. Brilli

20 Rapid Response Systems and the Septic Patient ....................... 213
   Patrick Maluso and Babak Sarani

21 Other Efferent Limb Teams: Crises that Require Specialized Resources ........................................................... 219
   Dan Shearn, Francesca Rubulotta, and Michael A. DeVita

22 Crisis Teams for Obstetric Patients ........................................... 229
   Patricia Dalby, Gabriella G. Gosman, Karen Stein,
   David Streitman, and Nancy Wise

23 Personnel Resources for Responding Teams .............................. 241
   Sonali Mantoo, Michael A. DeVita, Andrew W. Murray,
   and John J. Schaefer III

24 Equipment, Medications, and Supplies for a Rapid Response Team .......................................................... 253
   Edgar Delgado, Rinaldo Bellomo, and Daryl A. Jones

25 Governance of the Rapid Response System .............................. 267
   Melodie Heland and Daryl A. Jones

Part III   Monitoring of Efficacy and New Challenges

26 Continuous Monitoring for Early Detection of Deterioration on General Care Units .................................. 277
   Magnolia Cardona-Morrell, Eyal Zimlichman,
   and Andreas Taenzer
27 Dying Safely ................................................................. 289
Magnolia Cardona-Morrell and Ken Hillman

28 The Second Victim ...................................................... 301
Susan D. Scott, Laura E. Hirschinger, Myra McCoig,
Karen Cox, Kristin Hahn-Cover, and Leslie W. Hall

29 Rapid Response Teams in Teaching Hospitals .................. 309
Max Bell and David Konrad

30 The Nurse’s View of RRS .................................................. 315
Mandy Odell, Nicolette Mininni, and Donna Goldsmith

31 Opportunities for Resident Training with Rapid
Response Systems ......................................................... 321
Geoffrey K. Lighthall

32 Optimizing RRSs Through Simulation ............................ 329
Melinda Fiedor Hamilton, Elizabeth A. Hunt,
and Michael A. DeVita

33 Evaluating Effectiveness of Complex System
Interventions .............................................................. 341
Jack Chen

34 Rapid Response Systems: Education for Ward Staff Caring
for At-Risk and Deteriorating Patients ......................... 351
Gary B. Smith and John R. Welch

35 Setting Up a Standardized Process and Outcome
Assessment Tool ............................................................ 367
Gabriella Jaderling and David Konrad

36 The Impact of Rapid Response Systems
on Not-For-Resuscitation (NFR) Orders ....................... 375
Arthas Flabouris and Jack Chen

Index ................................................................................... 383
Textbook of Rapid Response Systems
Concept and Implementation
2017, XIX, 392 p. 53 illus., 28 illus. in color., Softcover
ISBN: 978-3-319-39389-6