# Mantents

### Part I ■ Overview of Nursing Research and Its Role in Evidence-Based Practice 1

- 1. Introduction to Nursing Research in an Evidence-Based Practice Environment 3
- 2. Fundamentals of Evidence-Based Nursing Practice 7
- 3. Key Concepts and Steps in Quantitative and Qualitative Research 12
- 4. Reading and Critiquing Research Articles 19
- 5. Ethics in Research 24

#### Part 2 ■ Preliminary Steps in Quantitative and Qualitative Research 31

- 6. Research Problems, Research Questions, and Hypotheses 33
- 7. Finding and Reviewing Research Evidence in the Literature 39
- 8. Theoretical and Conceptual Frameworks 43

## Part 3 ■ Designs and Methods for Quantitative and Qualitative Nursing Research 47

- 9. Quantitative Research Design 49
- 10. Sampling and Data Collection in Quantitative Studies 54
- 11. Qualitative Designs and Approaches 60
- 12. Sampling and Data Collection in Qualitative Studies 65
- 13. Mixed Methods and Other Special Types of Research 70

### Part 4 ■ Analysis and Interpretation in Quantitative and Qualitative Research 75

- 14. Statistical Analysis of Quantitative Data 77
- 15. Interpretation and Clinical Significance in Quantitative Research 84
- 16. Analysis of Qualitative Data 99
- 17. Trustworthiness and Integrity in Qualitative Research 103
- 18. Systematic Reviews: Meta-Analysis and Metasynthesis 107

**Appendix A:** Stephens et al., Smartphone Technology and Text Messaging for Weight Loss in Young Adults: A Randomized Controlled Trial 113

**Appendix B:** Cricco-Lizza, Rooting for the Breast: Breastfeeding Promotion in the NICU 121

**Appendix C:** Yackel et al., A Nurse-Facilitated Depression Screening Program in an Army Primary Care Clinic: An Evidence-Based Project 131

Appendix D: Eckhardt et al., Fatigue in the Presence of Coronary Heart Disease 139

**Appendix E:** Byrne et al., Care Transition Experiences of Spousal Caregivers: From a Geriatric Rehabilitation Unit to Home 151

**Appendix F:** Cummings, Sharing a Traumatic Event: The Experience of the Listener and the Storyteller Within the Dyad 169

**Appendix G:** Chase et al., The Effectiveness of Medication Adherence Interventions Among Patients With Coronary Artery Disease: A Meta-Analysis 177

**Appendix H:** Beck, A Metaethnography of Traumatic Childbirth and its Aftermath: Amplifying Causal Looping 187

Appendix I: Answers to Selected Study Guide Exercises 199