

Contents

Contributors ix

Preface xiii

Acknowledgments xv

- 1** A History and Introduction to Military Neuropsychology 1
Carrie H. Kennedy, Corwin Boake, and Jeffrey L. Moore
- 2** Ethical Issues in Military Neuropsychology 29
Shane S. Bush and George M. Cuesta
- 3** Fitness for Duty 57
Mark P. Kelly, Kevin P. Mulligan, and Mark C. Monahan
- 4** Noncredible Neuropsychological Presentation in Service Members and Veterans 81
Manfred F. Greiffenstein
- 5** Blast Injury and Traumatic Brain Injury 101
Louis M. French, Jack Spector, William Stiers, and Robert L. Kane
- 6** Acute Battlefield Assessment of Concussion/Mild TBI and Return-to-Duty Evaluations 127
Jeffrey T. Barth, William C. Isler, Katherine M. Helmick, Iaina M. Wingler, and Michael S. Jaffee
- 7** Head Injury Rehabilitation of Military Members 175
Treven C. Pickett, Mark C. Bender, and Eugene Gourley

viii Contents

- 8** Attention Deficit/Hyperactivity Disorder and Learning Disorders 199
David W. Hess, Carrie H. Kennedy, Rebecca A. Hardin, and Thomas Kupke
- 9** HIV-Associated Neurocognitive Disorders in the Military 227
Steven Paul Woods, Erica Weber, J. Allen McCutchan, and Robert K. Heaton
- 10** The Neuropsychological Functioning of Prisoners of War Following Repatriation 267
Jeffrey L. Moore
- 11** Cognitive Sequelae of Sustained Operations 297
Nancy J. Wesensten and Thomas J. Balkin
- 12** Neuropsychological Correlates of PTSD: A Military Perspective 321
Jennifer J. Vasterling, Helen Z. MacDonald, Erin W. Ulloa, and Nicole Rodier
- 13** Cognition and Decision Making in Extreme Environments 361
Jeffrey A. McNeil and C. A. Morgan III
- 14** The Future of Military Neuropsychology 383
Robert A. Seegmiller and Robert L. Kane

Index 405