Contents

Acknowledgments v
About the Editors xi
Contributors xiii

Section 1 Introduction
1. Introduction to Psychological Knowledge in Court: PTSD, Pain, and TBI
   Gerald Young, Andrew W. Kane, and Keith Nicholson 3

2. Psychology, Causality, and Court
   Andrew W. Kane 13

Section 2 PTSD/Distress
3. Understanding PTSD: Implications for Court
   Gerald Young and Rachel Yehuda 55

4. Posttraumatic Disorders Following Injury: Assessment and Other Methodological Considerations
   Meaghan L. O’Donnell, Mark Creamer, Richard A. Bryant, Ulrich Schnyder, and Arik Shalev 70

5. Predicting Who Will Develop Posttraumatic Stress Disorder
   Daniel S. Weiss and Emily J. Ozer 85

6. Assessment of Psychological Distress and Disability After Sexual Assault in Adults
   Melissa A. Polusny and Paul A. Arbisi 97

Section 3 Chronic Pain
7. Pain in the 21st Century: The Neuromatrix and Beyond
   Ronald Melzack and Joel Katz 129

8. Influence of Personality Characteristics of Pain Patients: Implications for Causality in Pain
   Robert J. Gatchel and Nancy Kishino 149

vii
viii Contents

   Tamar Pincus

10. Chronic Pain and Affect as a Nonlinear Dynamical System 181
    Gerald Young and C. Richard Chapman

11. Objective and Subjective Measurement of Pain: Current Approaches for Forensic Applications 193
    Jeffrey J. Sherman and Richard Ohrbach

Section 4 PTSD and Pain

    Brian M. Freidenberg, Edward J. Hickling, Edward B. Blanchard, and Loretta S. Malta

13. PTSD and Chronic Pain: Cognitive-Behavioral Perspectives and Practical Implications 225
    Gordon J.G. Asmundson and Steven Taylor

    John D. Otis, Donna B. Pincus, and Terence M. Keane

Section 5 Traumatic Brain Injury

15. Mild Traumatic Brain Injury: Definitions 271
    Jeffrey T. Barth, Ronald Ruff, and Patricia Espe-Pfeifer

    Rodney D. Vanderploeg, Heather G. Belanger, and Glenn Curtiss

17. Mild Traumatic Brain Injury: Causality Considerations from a Neuroimaging and Neuropathology Perspective 308
    Erin D. Bigler
18. Confounding Effects of Pain, Psychoemotional Problems or Psychiatric Disorder, Premorbid Ability Structure, and Motivational or Other Factors on Neuropsychological Test Performance 335
Keith Nicholson and Michael F. Martelli

19. Neuropsychological Assessment of Moderate to Severe Traumatic Brain Injury 352
Brigitte N. Patry and Catherine A. Mateer

Section 6  Conclusions
20. Conclusions on Psychological Knowledge in Court: PTSD, Pain, and TBI 381
Gerald Young, Keith Nicholson, and Andrew W. Kane

Index 391
Psychological Knowledge in Court
PTSD, Pain, and TBI
Young, G.; Kane, A.W.; Nicholson, K. (Eds.)
2006, XVI, 412 p., Hardcover