The 33rd volume delivers the most current research on traumatic brain injury (TBI) with a focus on its implications for improving health and wellbeing.

The book examines promising new interventions for individuals suffering from TBI with supporting research about their efficaciousness. Invited experts - highly respected nurse scientists working in a variety of TBI-related arenas - stress outcomes and symptom development post-TBI.

This Review encompasses current military research on TBI along with animal models in TBI research. It addresses the relationship of sleep disorders to TBI-related PTSD; biomarkers related to recovery from TBI; genomics, transcriptomics, and epigenomics; cerebral perfusion pressure and intracranial pressure in TBI; and an informatics system for TBI research. Also covered are TBI in pediatrics and in caregiver research. Additionally, the Review also provides a unique literature review of under-reported research.

Key topics:
- Military Research on TBI
- Animal Models in TBI Research
- PTSD and Sleep Post-TBI
- Biomarkers Related to Recovery Post-TBI
- Genomics, Transcriptomics, and Epigenomics in TBI Research
- Common Data Elements and Federal Interagency Traumatic Brain Injury: Research Informatics System for TBI Research
- Cerebral Perfusion Pressure and Intracranial Pressure in TBI
- TBI in Pediatrics
- TBI in Caregiver Research

Publication Year: 2015
Edition: 1st Ed.
Author/Editor: Kasper, Christine; Conley, Yvette
Publisher: Springer Publishing Company
ISBN: 978-0-826-17162-7
Platform: Ovid
Product Type: Book
Speciality: Research & Theory
Language: English
Pages: 300
Illustrations: 0