Table of Contents:
Preface: Steven Laureys and Giulio Tononi

1. Consciousness: an overview of the phenomenon and of its possible neural basis
   Antonio Damasio and Kaspar Meyer

2. The neurological examination of consciousness: Hal Blumenfeld

3. Evaluating consciousness by measuring brain function: Steven Laureys, Joy Hirsch, Boris Kotchobey & Giulio Tononi


5. Neural correlates of visual consciousness: Geraint Rees

6. The relationship between consciousness and attention: Naotsugu Tsuchiya & Christoph Koch

WAKING, SLEEP AND ANESTHESIA
7. Intrinsic Brain Activity and Consciousness: Marcus Raichle and Abraham Z. Snyder

8. Sleep and dreaming: Giulio Tononi

9. Sleepwalking: Claudio Bassetti

10. General Anesthesia and Consciousness: Michael Alkire

COMA AND RELATED CONDITIONS
11. Coma: Bryan Young

12. Brain death: James Bernat

13. The Assessment of Conscious Awareness in the Vegetative State: Adrian Owen, Nicholas Schiff & Steven Laureys

14. The Minimally Conscious State: Clinical Features, Pathophysiology and Therapeutic Implications: Joseph Giacino & Nicholas Schiff

15. Locked-in syndrome: Steven Laureys

16. Dementia: Pietro Pietrini, Paulo Nichelli & Eric
Salmon

17. Brain-computer interfaces for communication in paralysed patients and implications for disorders of consciousness: Andrea Kubler

18. Neuroethics and Disorders of Consciousness: A Pragmatic Approach to Neuro-palliative Care: Joseph Fins

SEIZURES, SPLITS, NEGLECTS, AND ASSORTED DISORDERS

19. Epilepsy and Consciousness: Hal Blumenfeld

20. The Left Hemisphere Does Not Miss the Right Hemisphere: Michael Gazzaniga and Michael B. Miller


22. The neurophysiology of self-awareness disorders in conversion hysteria: Patrick Vuilleminier

23. Leaving body and life behind: Out-of-body and near-death experience: Olaf Blanke & Sebastian Dieguez

24. The hippocampus, memory, and consciousness: Bradley R. Postle

25. Syndromes of Transient Amnesia: Adam Zeman & Chris Butler

26. Consciousness and aphasia: Paulo Nichelli

27. Blindness and Consciousness: New Light from the Dark: Pietro Pietrini, Maurice Ptito, Ron Kupers

28. The Neurology of Consciousness: An Overview: Giulio Tononi & Steven Laureys