

"Here, at last, is a survey of the way that damage to the brain alters consciousness. This volume is a well-equipped hardware shop with most of the pieces that are needed to build a state-of-the-art model of how the brain performs its most magical function, the creation of a self that sees, perceives, knows that it does so, and dares to ask how."

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"An outstandingly unique book reassembling the most recent data of the rising science of consciousness ."

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*"Laureys and the Liege school have shifted the paradigm in the clinical understanding of disturbed consciousness. He and Tononi have edited a ground breaking book. In this field the book to have and read next to Plum and Posner's *Diagnosis of Stupor and Coma* is now *Laureys and Tononi*. Clinicians need to be aware of the recent rapid advances in consciousness studies, many occasioned by imaging and non-invasive brain monitoring, because they will affect management of their most vulnerable patients."*

RICHARD FRACKOWIAK, UNIVERSITY COLLEGE LONDON

Laureys • Tononi

The Neurology of Consciousness

Cognitive Neuroscience and Neuropathology

Consciousness is among the last major frontiers of scientific research, and is situated at the meeting point of philosophy and science. Recently, new methodologies have made consciousness much more scientifically accessible, and particularly the study of disorders and disturbances of consciousness has added tremendously to our understanding of the biological basis of human consciousness.

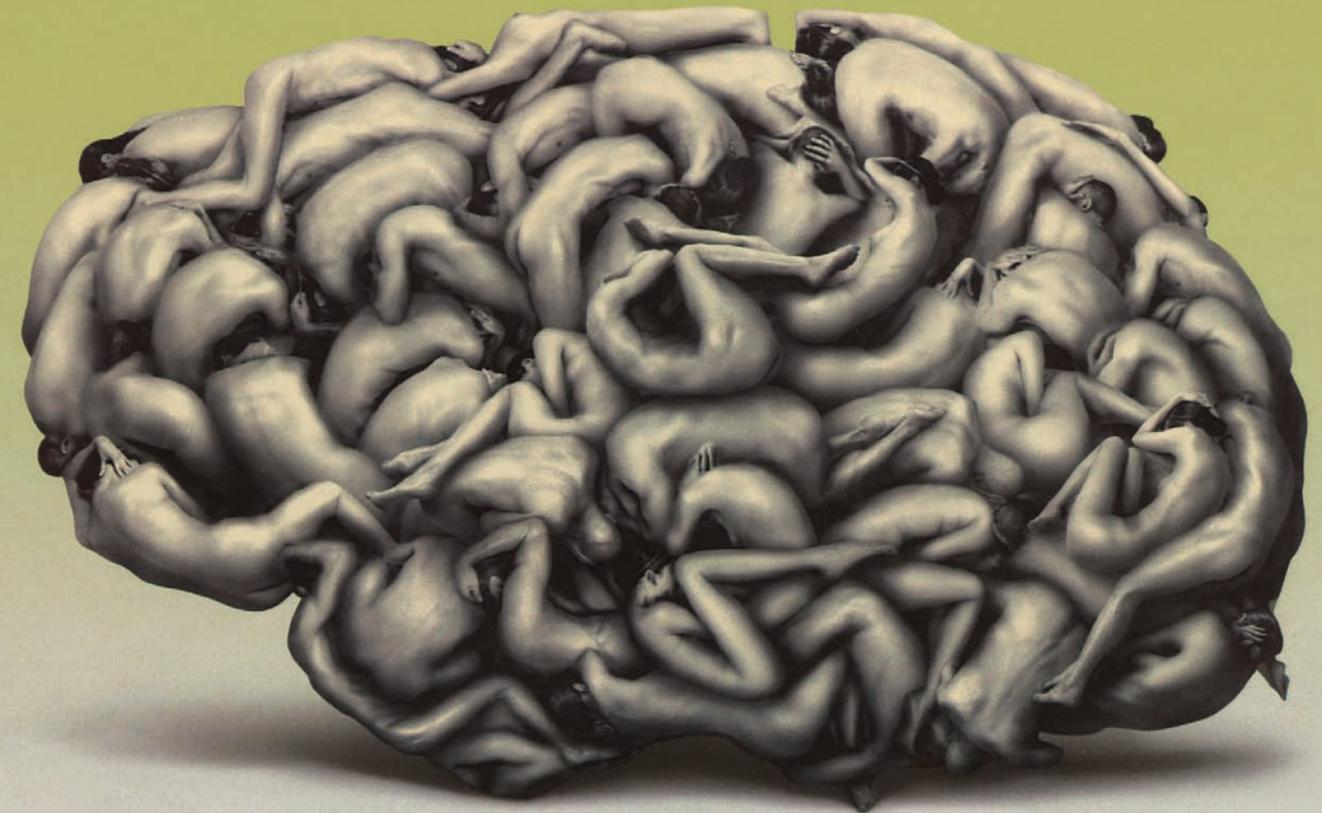
This is the first major book to examine this approach. The editors Steven Laureys and Giulio Tononi are leaders in the field, and the selected authors include major international players such as Antonio Damasio, Joseph Fins, Michael Gazzaniga, Christof Koch, Adrian Owen, Marcus Raichle, Nicholas Schiff and Wolf Singer.

This book will be an indispensable resource for researchers and students in neuroscience, psychology, psychiatry and neurology, and to all working on the cognitive neuroscience of consciousness or on clinical disorders of consciousness. It will also be of great value for anybody thinking about consciousness as one of the philosophical, ethical, sociological, political and religious questions of our time.

Features

- **The first comprehensive, authoritative collection to describe disorders of consciousness, and how they are used to study and understand the neural correlates of conscious perception in humans**
- **Structured, color-illustrated, and affordably priced for a broad market, including students**
- **Includes 28 chapters from the top international researchers on conscious waking, sleep, dreaming and sleepwalking, anesthesia and coma, vegetative state and locked-in syndrome, near-death and out-of-body experiences, epileptic loss of consciousness, split brains, neglect, hysteria, blindness, aphasia, amnesia and dementia.**

The Neurology of Consciousness



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Steven Laureys • Giulio Tononi

