

Latest developments in diagnostic tools and imaging modalities, and therapeutic perspectives

Dementia in Clinical Practice

Editors:

Panteleimon Giannakopoulos
Patrick R. Hof

This publication summarizes the most recent advances in neurobiology, diagnostic approaches and therapeutics of the major dementing illnesses such as Alzheimer's disease, frontotemporal dementia, Lewy body disease, and vascular dementia. In a succinct, practical and comprehensive manner, it provides an updated view of the disorders likely to be encountered in a daily practice. Each section is focused on a major form of dementia and is organized following the same scheme reviewing the pathophysiology of the disease, its diagnostic challenges, its characteristic neuroimaging features, therapeutic interventions and patient management issues. Avoiding an overspecialized approach, the book bridges the gap between clinical practice, advanced imaging, recent therapeutics and basic sciences. Thus, it serves as an excellent guide for mental health professionals working in the field of dementia as well as primary care physicians and students.

Contents

List of Contributions
Preface

Alzheimer's Disease

Clinical Investigations in Primary Care: **de Souza, L.C.; Sarazin, M.; Goetz, C.; Dubois B.**
The Concept of Mild Cognitive Impairment: Relevance and Limits in Clinical Practice: **Michon, A.**
Pathological Substrates of Cognitive Decline in Alzheimer's Disease: **Giannakopoulos, P.; Kövari, E.; Gold, G.; von Gunten, A.; Hof, P.R.; Bouras, C.**
Functional Imaging in Mild Cognitive Impairment and Early Alzheimer's Disease: Is It Pertinent? **Ibáñez, V.; Deiber, M.-P.**
Electrophysiological Markers of Rapid Cognitive Decline in Mild Cognitive Impairment: **Giannakopoulos, P.; Missonnier, P.; Kövari, E.; Gold, G.; Michon, A.**
The Future: New Methods of Imaging Exploration in Alzheimer's Disease: **Nordberg, A.**
Pharmacological Interventions in Primary Care: Hopes and Illusions: **Assal, F.; van der Meulen, M.**

Vascular Dementia

Investigations in Primary Care: **Poggesi, A.; Pantoni, L.**
The Concept of Vascular Cognitive Impairment: **Erkinjuntti, T.; Gauthier, S.**

Defining the Neuropathological Background of Vascular and Mixed Dementia and Comparison with Magnetic Resonance Imaging Findings: **Gold, G.**
Is It Possible to Treat Vascular Dementia? **Zekry, D.**

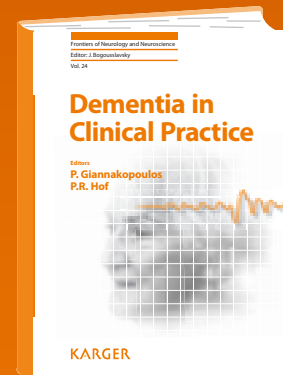
Lewy Body Dementia

Dementia with Lewy Bodies: Clinical Diagnosis and Therapeutic Approach: **Gold, G.**
Significance of Brain Lesions in Parkinson Disease Dementia and Lewy Body Dementia: **Jellinger, K.A.**
Delineating Dementia with Lewy Bodies: Can Magnetic Resonance Imaging Help? **von Gunten, A.; Meuli, R.**
Pharmacotherapy of Parkinson Disease Dementia and Lewy Body Dementia: **Gauthier, S.**

Frontotemporal Dementia

Clinical Features and Diagnosis of Frontotemporal Dementia: **Kertesz, A.**
Neuropathological Spectrum of Frontal Lobe Dementias: **Kövari, E.**
Frontotemporal Dementia Neuroimaging: A Guide for Clinicians: **Seeley, W.W.**
Frontotemporal Dementia: Therapeutic Interventions: **Mendez, M.F.**

Author and Subject Index



Frontiers of Neurology and Neuroscience, Vol. 24
Dementia in Clinical Practice
Editors: Giannakopoulos, P. (Geneva); Hof, P.R. (New York, N.Y.)
X + 184 p., 15 fig., 2 in color, 17 tab., hard cover, 2009
CHF 198.- / EUR 141.50 / USD 198.00
Prices subject to change
EUR price for Germany, USD price for USA only
ISBN 978-3-8055-9015-0
e-ISBN 978-3-8055-9016-7

Fields of Interest:
Neurology; Gerontology/Geriatrics; Psychiatry; Neurobiology

KARGER www.karger.com/fnene

Frontiers of Neurology and Neuroscience

Series Editor: Bogousslavsky, J. (Montreux)
ISSN 1660-4431
e-ISSN 1662-2804

Focusing on topics in the fields of both Neurosciences and Neurology, this new series (formerly 'Monographs in Clinical Neuroscience') provides current and unique information in basic and clinical advances on the nervous system and its disorders.

For more information please log on to www.karger.com/fnene

Back volumes:

Vol. 23

Handbook on Cerebral Venous Thrombosis

Editors: Caso, V.; Agnelli, G.; Paciaroni, M. (Perugia)
VI + 184 p., 24 fig., 2 in color, 21 tab., hard cover, 2008
CHF 198.- / EUR 141.50 / USD 198.00
ISBN 978-3-8055-8378-7
e-ISBN 978-3-8055-8379-4

Vol. 22

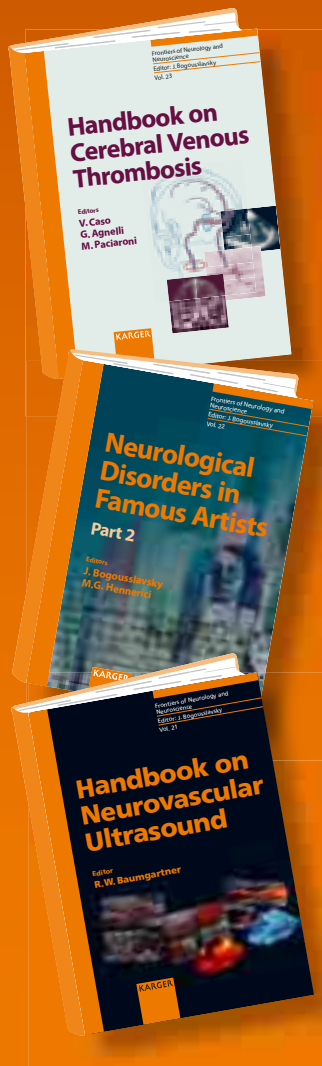
Neurological Disorders in Famous Artists Part 2

Editors: Bogousslavsky, J. (Montreux); Hennerici, M.G. (Mannheim)
VIII + 240 p., 60 fig., 23 in color, 6 tab., hard cover, 2007
CHF 123.- / EUR 88.- / USD 123.00
ISBN 978-3-8055-8265-0
e-ISBN 978-3-318-01450-1

Vol. 21

Handbook on Neurovascular Ultrasound

Editor: Baumgartner, R.W. (Zürich)
VIII + 276 p., 74 fig., 42 in color, 26 tab., hard cover, 2006
CHF 228.- / EUR 163.- / USD 228.00
ISBN 978-3-8055-8022-9



Order Form

Frontiers of Neurology and Neuroscience

Please send:

- ___ copy/ies: Vol. 24: **Dementia in Clinical Practice**
CHF 198.- / EUR 141.50 / USD 198.00
ISBN 978-3-8055-9015-0
- ___ copy/ies: Vol. 23: **Handbook on Cerebral Venous Thrombosis**
CHF 198.- / EUR 141.50 / USD 198.00
ISBN 978-3-8055-8378-7
- ___ copy/ies: Vol. 22: **Neurological Disorders in Famous Artists – Part 2**
CHF 123.- / EUR 88.- / USD 123.00
ISBN 978-3-8055-8265-0
- ___ copy/ies: Vol. 21: **Handbook on Neurovascular Ultrasound**
CHF 228.- / EUR 163.- / USD 228.00
ISBN 978-3-8055-8022-9

- the book series **Frontiers of Neurology and Neuroscience** on continuation beginning with vol. _____

All Karger series are available on continuation. Each volume will be sent upon publication until orders countermanded.

For easy ordering or further information about the series log on to:
www.karger.com/fnene

Payment

(Postage and handling free with prepayment)

Please charge this order to my credit card

- American Express Diners
 Visa Euro-, Mastercard

Card No.: _____

Exp. date: _____

CVV/CVC _____

(3 digits in the signature field on the back of Visa and Mastercard)

- Check enclosed Please bill me

Name/Address (please print): _____

Date/Signature: _____

Orders can be placed at agencies, bookstores, directly with the publisher, or with any Karger distributor.

S. Karger AG, P.O. Box, 4009 Basel (Switzerland)
Fax +41 61 306 12 34, E-Mail orders@karger.ch
USA: S. Karger Publishers, Inc., 26 West Avon Road, P.O. Box 529, Unionville, CT 06085 (USA), Toll free: 1-800-828-5479
Germany: S. Karger GmbH, 79095 Freiburg
France: Librairie Médi-sciences, 75007 Paris
Gulf Council Countries, Iran, Middle East, North Africa, Turkey: Trans Middle East Internat. Distribution Co. Ltd., KaSha, Amman 11953 (Jordan)
Japan: Karger Japan, Inc., Tokyo 113-0034
China, Hong Kong, Taiwan, Malaysia, Indonesia: Karger China, Shanghai 200040 (China)

For details and further representatives and agencies see www.karger.com/worldwide

KARGER