

## Contents

Introduction: **Kappelle, L.J.**

Anatomy of Cerebral Veins and Sinuses: **Kılıç, T.; Akakin, A.**

Epidemiology of Cerebral Vein and Sinus Thrombosis: **Agnelli, G.; Verso, M.**

Risk Factors of Cerebral Vein and Sinus Thrombosis: **de Freitas, G.R.; Bogousslavsky, J.**

Thrombophilia and Cerebral Vein Thrombosis: **Iorio, A.; Barnes, C.; Vedovati, M.C.; Favaloro, E.J.**

Clinical Presentations of Cerebral Vein and Sinus Thrombosis: **Paciaroni, M.; Palmerini, F.; Bogousslavsky, J.**

Headache and Cerebral Vein and Sinus Thrombosis: **Alberti, A.; Venti, M.; Biagini, S.**

Radiological Diagnosis of Cerebral Venous Thrombosis: **Selim, M.; Caplan, L.R.**

Role of Ultrasound in Diagnosis and Management of Cerebral Vein and Sinus Thrombosis: **Stolz, E.P.**

Cerebral Venous Thrombosis in Newborns, Infants and Children: **Yager, J.Y.; Black, K.; Bauman, M.; Massicotte, P.**

Treatment of Cerebral Venous and Sinus Thrombosis: **Masuhr, F.; Einhäupl, K.**

Interventional Neuroradiology in the Treatment of Cerebral Venous Thrombosis: **Caso, V.; Billeci, A.M.R.; Leys, D.**

Complications of Cerebral Vein and Sinus Thrombosis: **Ferro, J.M.; Canhão, P.**

Long-Term Prognosis of Cerebral Vein and Sinus Thrombosis: **Lindgren, A.**

Author Index

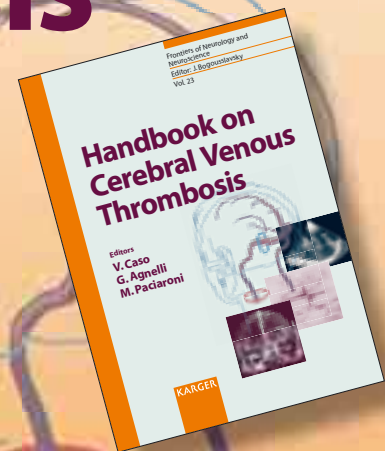
Subject Index

[www.karger.com/fnene](http://www.karger.com/fnene)

A timely and helpful clinical guide to a better understanding of CVT

# Handbook on Cerebral Venous Thrombosis

Editors  
**Valeria Caso**  
**Giancarlo Agnelli**  
**Maurizio Paciaroni**



Cerebral veins contain about 70% of the total cerebral blood volume, but cerebral venous thrombosis (CVT) occurs about a thousand times less often than arterial stroke. CVT affects mostly young adults and children, and in about one quarter of cases the cause remains unknown. Written by international experts, this publication is dealing with epidemiology, risk factors, coagulation disorders, clinical presentation – especially focusing on headache, current neuroradiological treatment, complications and long-term prognosis of CVT. The book covers the full spectrum of CVT pathogenesis and offers a new and effective approach to improve earlier diagnosis, recognize new risk factors and to identify the most severe manifestations, which require more aggressive treatments.

Neurologists, interventional neuroradiologists, neurosurgeons, and all physicians who are involved in the care of patients with CVT will welcome this publication as a useful and up-to-date clinical guide.

Frontiers of Neurology and Neurosciences, Vol. 23  
**Handbook on Cerebral Venous Thrombosis**  
Editors: Caso, V.; Agnelli, G.; Paciaroni, M. (Perugia)  
VI + 184 p., 24 fig., 3 in color, 21 tab., hard cover, 2008  
CHF 198.– / EUR 141.50 / USD 180.00  
Prices subject to change  
EUR price for Germany, USD price for USA only  
ISBN 978-3-8055-8378-7  
e-ISBN 978-3-8055-8379-4

**KARGER**

Fields of Interest: *Neurology; Internal Medicine; Neurosurgery, Radiology, Pediatrics, Angiology*

# 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](http://www.karger.com/fnene)

## Back volumes

### 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 112.00  
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 207.25  
ISBN 978-3-8055-8022-9  
e-ISBN 978-3-318-01284-2

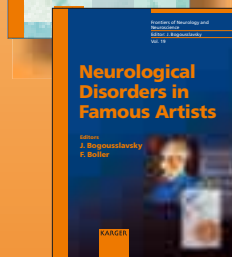
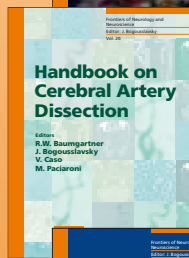
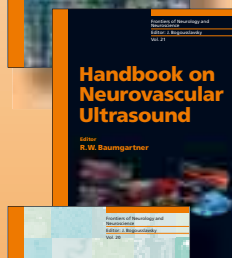
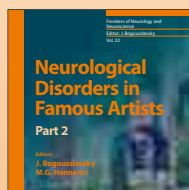
### Vol. 20 Handbook on Cerebral Artery Dissection

Editors: Baumgartner, R.W. (Zürich); Bogousslavsky, J. (Lausanne); Caso, V.; Paciaroni, M. (Perugia)  
VIII + 178 p., 35 fig., 2 in color, 24 tab., hard cover, 2005  
CHF 198.– / EUR 141.50 / USD 180.00  
ISBN 978-3-8055-7986-5  
e-ISBN 978-3-318-01258-3

### Vol. 19 Neurological Disorders in Famous Artists

Editors: Bogousslavsky, J. (Lausanne), Boller, F. (Paris)  
VIII + 192 p., 38 fig., 14 in color, 3 tab., hard cover, 2005  
CHF 109.50 / EUR 78.– / USD 99.75  
ISBN 978-3-8055-7914-8  
e-ISBN 978-3-318-01206-4

Prices subject to change  
EUR price for Germany, USD price for USA only



KARGER

## Order Form

### Frontiers of Neurology and Neuroscience

Please send:

copy/ies: Vol. 23: **Handbook on Cerebral Venous Thrombosis**  
CHF 198.– / EUR 141.50 / USD 180.00  
ISBN 978-3-8055-8378-7

copy/ies: Vol. \_\_\_\_\_  
ISBN 978-3-8055-\_\_\_\_\_

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 order is countermanded.

For easy ordering or further information about the series log on to: [www.karger.com/fnene](http://www.karger.com/fnene)

### Payment

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](mailto: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, Taiwan, Malaysia:** Karger China, Shanghai 200040 (China)

For details and further representatives and agencies see [www.karger.com/worldwide](http://www.karger.com/worldwide)