Extracranial Carotid Atherosclerosis in Black and White Patients With Transient Ischemic Attacks
Jacqueline E. Ryu, Kari Murros, Mark A. Espeland, Jonathan Rubens, William M. McKinney, James F. Toole, and John R. Crouse

Immediate and Long-term Results of Carotid Endarterectomy

GM1 Ganglioside Therapy in Acute Ischemic Stroke

Incidence and Prognosis of Subarachnoid Hemorrhage in a Japanese Rural Community
Yutaka Kiyohara, Kazuo Ueda, Yutaka Hasuo, Junichi Wada, Hideo Kawano, Isao Kato, Atsushi Sinkawa, Takao Ohmura, Hiromitsu Iwamoto, Teruo Omae, and Masatoshi Fujishima

Effect of Fludrocortisone Acetate in Patients With Subarachnoid Hemorrhage
Djo Hasan, Ken W. Lindsay, Eelco F.M. Wijdicks, Gordon D. Murray, Paul J.A.M. Brouwers, Willem H. Bakker, Jan van Gijn, and Marius Vermeulen

Serial Electrocardiographic Recording in Aneurysmal Subarachnoid Hemorrhage
P.J.A.M. Brouwers, E.F.M. Wijdicks, D. Hasan, M. Vermeulen, E.F.D. Weaver, H. Frericks, and J. van Gijn

Atheromatous Pseudo-occlusion of the Internal Carotid Artery
Daniel H. O'Leary, Heinrich Mattle, and Jeffrey E. Potter


Evaluation of Cerebral Blood Flow Data in Stroke Patients Using a Mapping System
Guido Rosadini, Massimo Cossu, Fabrizio De Carlo, Stefano Marenco, Flavio Nobili, and Guido Rodriguez

Comparison of Six Depression Rating Scales in Geriatric Stroke Patients
Berit Agrell and Ove Dehlin

The TOPOSCOUT Expert System for Stroke Localization
Klaus Spitzer, Andreas Thie, Louis R. Caplan, and Klaus Kunze

Enhanced Erythrocyte Aggregability in Occlusive Cerebrovascular Disease
Norio Tanahashi, Fumio Gotoh, Minoru Tomita, Tamotsu Shinhara, Yasuo Terayama, Ban Mihara, Kouichi Ohta, and Masaharu Nara

Endothelium-Dependent Relaxation of Human Basilar Arteries
Kenji Kanamaru, Shiro Waga, Kiyoshige Fujimoto, Hiroji Itoh, and Yoshichika Itoh

Hemorrhagic Stroke Development in Spontaneously Hypertensive Rats Fed a North American, Japanese-Style Diet
John S. Smeda

Hypoxia-Induced Increases in Hypoxic Tolerance Augmented by β-Hydroxybutyrate in Mice
C.L. Rising and L.G. D'Alecy

Neuronal Network Disturbance After Focal Ischemia in Rats
Kazuo Kataoka, Toru Hayakawa, Kazuo Yamada, Takeshi Mushiroi, Ryotaro Kuroda, and Heitaro Mogami

Effect of MCI-186 on Brain Edema in Rats
Hiroyoshi Nishi, Yoshiaki Watanabe, Hiroko Sakurai, Satoshi Yuki, and Akira Ishibashi
Modification of Acute Focal Ischemia in Rabbits by Poloxamer 188
Harold J. Colbassani, Daniel L. Barrow, Kevin M. Sweeney, Roy A.E. Bakay, Irene J. Check, and Robert L. Hunter 1241

Protective Effect of N-Methyl-D-Aspartate Antagonists After Focal Cerebral Ischemia in Rabbits
Gary K. Steinberg, Jamshid Saleh, David Kunis, Robert DeLaPaz, and S. Rami Zanereg 1247

Blood–Brain Barrier Sodium Transport Limits Development of Brain Edema During Partial Ischemia in Gerbils
A. Lorris Betz, Steven R. Ennis, and Gerald P. Schielke 1253

Effect of Enhanced Capillary Activity on the Blood–Brain Barrier During Focal Cerebral Ischemia in Cats
Taku Shigeno, Takao Asano, Tatsuo Mima, and Kintomo Takakura 1260

CASE REPORTS

Volume Therapy in Orthostatic Transient Ischemic Attacks
Alvaro Pascal-Leone, David C. Anderson, and David A. Larson 1267

Slowly Progressive Ischemic Stroke as First Manifestation of Essential Thrombocythemia
Giulia Benassi, Paolo Ricci, Fabio Calbucci, Francesco M. Cacciator, and Roberto D'Alessandro 1271

COMMENTS, OPINIONS, AND REVIEWS

Action of Magnesium Sulfate in the Treatment of Preeclampsia-Eclampsia
Menachem Sadeh 1273

SPECIAL REPORT

Clinical Trial Methodology in Stroke
Harold P. Adams Jr. and Willem K. Amery 1276

CURRENT CONCEPTS OF CEREBROVASCULAR DISEASE AND STROKE

Magnetic Resonance and Clinical Cerebrovascular Disease: An Update
Nabih M. Ramadan, Rajeev Deveshwar, and Steven R. Levine 1279

LETTERS TO THE EDITOR

Heparin in Acute Stroke
Vincent T. Miller and Robert G. Hart
RESPONSE BY: Peritz Scheinberg and Stephen J. Phillips 1284

Stroke, Hemodilution, and Mortality
Rudiger von Kummer, Tobias Back, Johann Scharf, and Werner Hacke
RESPONSE BY: James C. Grotta 1286

Relationship of Treatment for Hypertension and Stroke Mortality
F.O. Simpson
RESPONSE BY: Michael J. Klag, Paul K. Whelton, and Alexander J. Seidler 1287

Pure Motor Hemiplegia due to Pontine Hemorrhage
Shigeki Kameyama, Ryuichi Tanaka, and Tadashi Tsuchida 1288

Patch Grafting in Carotid Endarterectomy
Bert C. Eikelboom and Rob G.A. Ackerstaff
RESPONSE BY: Issam A. Awad and John R. Little 1288

ABSTRACTS OF LITERATURE 1291

NEWS FROM THE AMERICAN HEART ASSOCIATION A1305

MEETINGS CALENDAR
Domestic Meetings A1308
Abroad Meetings A1309