Stroke
A Journal of Cerebral Circulation

EDITORIAL

Evolution, Not Revolution
Mark L. Dyken Jr.

ORIGINAL CONTRIBUTIONS

Clinical Trial of Nimodipine in Acute Ischemic Stroke
The American Nimodipine Study Group

Transcranial Doppler Assessment of Cerebral Flow Velocity During Cognitive Tasks
Roger E. Kelley, Jen Y. Chang, Nancy J. Scheinman, Bonnie E. Levin, Robert C. Duncan, and Shih-Chang Lee

A Comparison of Transcranial Doppler and Cerebral Blood Flow Studies to Assess Cerebral Vasoreactivity
Arve Dahl, Karl-Fredrik Lindegaard, David Russell, Rolf Nyberg-Hansen, Kjell Rootwelt, Wilhelm Sorensberg, and Helge Nornes

Early Computed Tomographic Findings for Thrombolytic Therapy in Patients With Acute Brain Embolism
Yasushi Okada, Seizo Sadoshima, Hiroshi Nakane, Hitetsuna Utsunomiya, and Masatoshi Fujishima

Seasonal Variation of Cerebral Hemorrhage in 236 Consecutive Cases in Brussels
A. Capon, G. Demeurisse, and L. Zheng

Ewa Lindem after, C. Gudrun Boysen, Joergen Nyboe, and Merete Appleyard

Granulocyte Adhesion, Deformability, and Superoxide Formation in Acute Stroke
Armin J. Grau, Elaine Berger, K.-L. Paul Sung, and Geert W. Schmid-Schonbein

A Model of Acute Focal Ischemia in the Territory of the Anterior Cerebral Artery in Baboons
Xuguang Liu, Neil M. Branston, Masamitsu Kawauchi, and Lindsay Symon

Hypertension With Hemodilution Prevents Multifocal Cerebral Hypoperfusion After Cardiac Arrest in Dogs
Yuval Leonov, Fritz Sterz, Peter Safar, David W. Johnson, Samuel A. Fisherman, and Ken-Ichi Oku

Uptake and Release of Serotonin in Rat Cerebrovascular Nerves After Subarachnoidal Hemorrhage
Csaba Szabo, Kjell Emilsson, Jan Erik Hardebo, Sverker Nystedt, and Christer Owman

Sustained Damage to Energy Metabolism of Brain Regions After Microsphere Embolism in Rats
Satoshi Takeo, Taku Taguchi, Kouichi Tanonaka, Keiko Miyake, Tomoko Horiguchi, Norio Takagi, and Kansouke Fujimori

Effect of 33% Xenon Inhalation on Whole-Brain Blood Flow and Metabolism in Awake and Fentanyl-Anesthetized Monkeys
Liping Yao, Jesus Bandres, Edwin M. Nemoto, J. Robert Boston, Joseph M. Darby, and Howard Yonas

Protective Effects of Human Recombinant Superoxide Dismutase on Transient Ischemic Injury of CA1 Neurons in Gerbils
Osamu Uyama, Tomohiro Matsuyama, Hisamasa Michishita, Hitoshi Nakamura, and Minoru Sugita
Combined Treatment With MK-801 and Nicardipine Reduces Global Ischemic Damage in the Gerbil
Kimberley Hewitt and Dale Corbett ................................................................. 82

Effect of Calcium Antagonists on Postischemic Protein Biosynthesis in Gerbil Brain

Reduction in Ischemic Brain Injury in Rabbits by the Anion Transport Inhibitor L-644,711
James J. Kohut, Martin M. Bednar, Harold K. Kimelberg, Timothy L. McAuliffe, and Cordell E. Gross ............................................................. 93

Infarct Reduction by the Platelet Activating Factor Antagonist Apafant in Rats
Gerhard W. Bielenberg, Gilbert Wagener, and Thomas Beck ........................... 98

SHORT COMMUNICATION

Hypothermia Reduces 72-kDa Heat-Shock Protein Induction in Rat Brain After Transient Forebrain Ischemia
Michael Chopp, Yi Li, Mary O. Dereski, Steven R. Levine, Yasuji Yoshida, and Julio H. Garcia .................. 104

CASE REPORTS

Cerebral Infarction Associated With Protein C Deficiency
Kohji Matsushita, Yoshihiro Kuriyama, Tohru Sawada, and Kagheiro Uchida .................. 108

Hypoglycemia Presenting As Basilar Artery Thrombosis
Joachim Rother, Andreas Schreiner, Klaus-Ulrich Wentz, and Michael Hennerici ............................ 112

Postpartum Dissecting Aneurysm of the Basilar Artery
Erik Van de Kelft, Jan Kunnen, Luc Truyen, and Luc Heytens ........................................ 114

LETTERS TO THE EDITOR

Caffeine and Stroke
W.T. Longstreh Jr. and Lorene M. Nelson ...................................................... 117

Ischemic Stroke As the Sole Manifestation of Human Immunodeficiency Virus Infection
I. Casado Naranjo, J.A. Toledo Santos, and M.A. Antolin Rodriguez ...................... 118

ABSTRACTS OF LITERATURE ................................................................. 119

ABSTRACTS OF THE STROKE COUNCIL 17th INTERNATIONAL JOINT CONFERENCE ON STROKE AND CEREBRAL CIRCULATION ........................................... 133

NEWS FROM THE AMERICAN HEART ASSOCIATION ........................................ A166

MEETINGS CALENDAR

Domestic Meetings ............................................ A170

Abroad Meetings ........................................... A173

INSTRUCTIONS TO AUTHORS ......................................................... A176

Announcement

Effective immediately, all new manuscripts to be considered for publication in Stroke should be sent to the following address:

Mark L. Dyken Jr., MD
Stroke Editor-in-Chief
Department of Neurology
Indiana University
Emerson Hall, Room 125
545 Barnhill Drive
Indianapolis, IN 46202-5124

The above is a temporary address to be used until the Stroke office is in place in approximately 60 days.