PROGRESS REVIEW

Heparin-Induced Thrombocytopenia
P. Scott Becker and Vincent T. Miller ........................................... 1449

ORIGINAL CONTRIBUTIONS

Serum Cholesterol and Hemorrhagic Stroke in the Honolulu Heart Program
Katsuhiko Yano, Dwayne M. Reed, and Charles J. MacLean ...................... 1460

Arterial Disease Risk Factors and Angiographic Evidence of Atheroma of the Carotid Artery
A. Schneidau, M.J.G. Harrison, C. Hurst, H.C. Wilkes, and T.W. Meade .............. 1466

Computed Tomographic Study of Cervical Carotid Calcification
Antonio Culebras, Carlos Otero, José R. Toledo, and Bruce S. Rubin .............. 1472

Pathogenesis of Carotid Thrombosis
A. Torvik, A. Sivindland, and C.F. Lindboe ........................................ 1477

The Origin and Distribution of Vasa Vasorum at the Bifurcation of the Common Carotid Artery
With Atherosclerosis
Walter J. Bo, William M. McKinney, and Robert L. Bowden ..................... 1484

A Radiologic Study of Dynamic Processes in Lacunar Dementia
Yasufumi Tanaka, Osamu Tanaka, Yoshikuni Mizuno, and Mitsuo Yoshida ............. 1488

A Comparison of Risk Factors and Prognosis for Transient Ischemic Attacks and Minor Ischemic Strokes: The Oxfordshire Community Stroke Project
M.S. Dennis, J.M. Bamford, P.A.G. Sandercock, and C.P. Warlow .................. 1494

Intracerebral Hemorrhage in Stroke Patients Anticoagulated With Heparin
Viken L. Babikian, Carlos S. Kase, Michael S. Pessin, Bo Norrving, and Philip B. Gorelick ........................................... 1500

Postoperative Hemodynamic and Metabolic Changes in Patients With Subarachnoid Hemorrhage
Akihiko Hino, Norihiko Mizukawa, Hiroshi Tenjin, Yoshio Imahori, Shigenobu Taketomo, Ichiro Yano, Hisamitsu Nakahashi, and Kimiyoshi Hirakawa .............. 1504

Effect of Fluid Intake and Antihypertensive Treatment on Cerebral Ischemia After Subarachnoid Hemorrhage
Djo Hasan, Marinus Vermeulen, Eelco F.M. Wijdicks, Albert Hijdra, and Jan van Gijn .............. 1511

Selective Cortical Neuronal Damage After Middle Cerebral Artery Occlusion in Rats
Hideaki Iizuka, Kaoru Sakatani, and Wise Young .................................... 1516

Effects of Middle Cerebral Artery Occlusion on Cerebral Cortex Choline and Acetylcholine in Rats
Oscar U. Scrennin and Donald J. Jenden ............................................ 1524

Nimodipine Attenuates Both Increase in Cytosolic Free Calcium and Histologic Damage Following Focal Cerebral Ischemia and Reperfusion in Cats
Daisuke Uematsu, Joel H. Greenberg, William F. Hickey, and Martin Reivich .............. 1531

Phenylephrine-Induced Hypertension Reduces Ischemia Following Middle Cerebral Artery Occlusion in Rats
John C. Drummond, Yong-Seok Oh, Daniel J. Cole, and Harvey M. Shapiro ...................... 1538

Conditions for Pharmacologic Evaluation in the Gerbil Model of Forebrain Ischemia
Guy L. Clifton, William C. Taft, Robert E. Blair, Sung C. Choi, and Robert J. DeLorenzo ........................................... 1545

Endothelin Acts in Feline and Canine Cerebral Arteries From the Adventitial Side
Tatsuo Mima, Masashi Yanagisawa, Taku Shigeno, Akira Saito, Katsutoshi Goto, Kintomo Takakura, and Tomoh Masaki ........................................... 1553
Effect of MCI-186 on Ischemia-Induced Changes in Monoamine Metabolism in Rat Brain
Ryozo Oishi, Yoshinori Itoh, Masahiro Nishibori, Toshiaki Watanabe, MS, Hiroyoshi Nishi, and Kiyomi Saeki

Time Course of Early Brain Edema Following Reversible Forebrain Ischemia in Rats
Pekka Mellergård, Finn Bengtsson, Maj-Lis Smith, Vendela Riesenfeld, and Bo K. Siesjö

CASE REPORTS

Magnetic Resonance Imaging of Ataxic Hemiparesis Localized to the Corona Radiata
David H. Gutmann and Steven Scherer

Doppler Color Flow Imaging of Carotid Body Tumors
W. Steinke, M. Hennerici, and A. Aulich

Intracranial Thrombolysis via a Catheter Embedded in the Clot
Charles A. Jungreis, Lawrence R. Wechsler, and Joseph A. Horton

COMMENTS, OPINIONS, AND REVIEWS

Stroke in the People’s Republic of China
Fenglin Shi, Robert G. Hart, David G. Sherman, and Charles H. Tegeler

CURRENT CONCEPTS OF CEREBROVASCULAR DISEASE AND STROKE

Spectrum of Neurologic Events Following Cardiac Transplantation
Cathy A. Sila

LETTERS TO THE EDITOR

Periodicity of Ischemic Stroke
Lynn K. Struck, Robert L. Rodnitzky, and Michael A. Sloan
RESPONSE BY: John R. Marler

Anterior Choroidal Artery Territory Infarction and Small-Vessel Disease
Marc Fisher, James F. Lingley, Andrew Blumenfeld, and Kevin Felice

Effect of Insulin on Acute Experimental Cerebral Ischemia in Gerbils
J. Vázquez-Cruz and J.L. Martí-Vidalta
RESPONSE BY: Hwa-shain Yeh

Plasma Cortisol as a Measure of Stress Response in Acute Stroke
G.P. Mulley, R.G. Wilcox, and M.J.G. Harrison

ABSTRACTS OF LITERATURE

NEWS FROM THE AMERICAN HEART ASSOCIATION

MEETINGS CALENDAR

Domestic Meetings
Abroad Meetings