

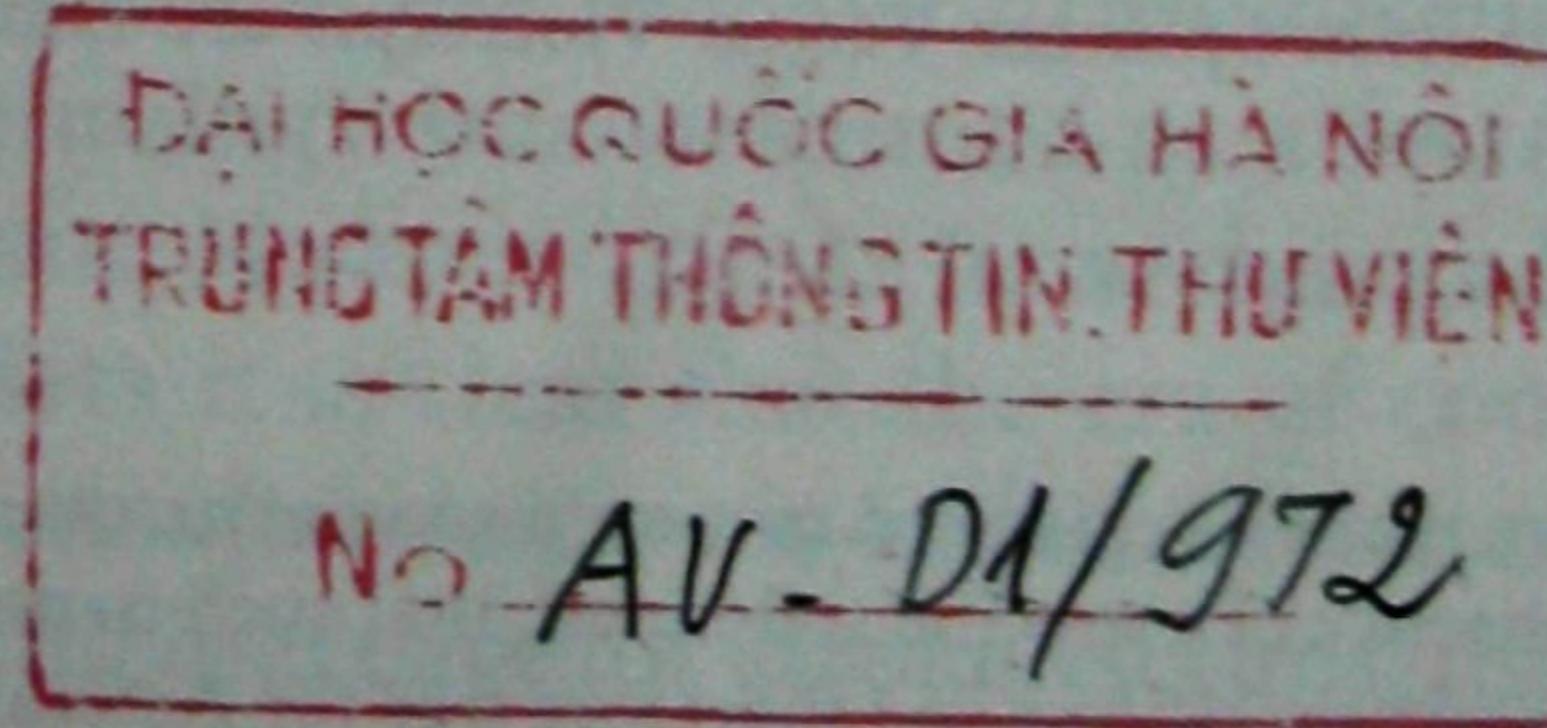
STR  
1998

T. Steiner W. Hacke D. F. Hanley (Eds.)

# Stroke

Emergency Management and Critical Care

With 108 Figures and 15 Tables



Springer

---

## Table of Contents

Improving Early Referral and Emergency Care in Acute Stroke . . . . .	1
( <i>J. P. Broderick, H.-C. Diener, E. Mori, E. Rickels, and M. F. Hazinski</i> )	
Referral Patterns in Clinical Trials . . . . .	10
( <i>S. Davis and G. Donnan</i> )	
Pathophysiology of Stroke . . . . .	16
( <i>M. Diringer and O. Kempski</i> )	
Autonomic Changes in Acute Cerebrovascular Disorders . . . . .	24
( <i>C. Borel and G. Hamann</i> )	
Intracranial Pressure and Circulatory Management . . . . .	33
( <i>A. Unterberg and M. Fink</i> )	
Imaging and the Early Evaluation of Stroke . . . . .	43
( <i>E. B. Ringelstein, R. von Kummer, and J.-C. Baron</i> )	
Modern Imaging Technology in the Assessment of Acute Ischemic Stroke . . . . .	61
( <i>R. E. Latchaw and M. Fisher</i> )	
Thrombolytic Therapy in Acute Ischemic Stroke . . . . .	75
( <i>J. R. Marler, C. Fieschi, R. Higashida, and G. Boysen</i> )	
Preventing Postischemic Injury During Reperfusion . . . . .	84
( <i>R. C. Koehler, J. R. Kirsch, A. Bhardwaj, H. Takahashi, and R. J. Traystman</i> )	
Mechanisms of Reversible Injury and Neuroprotection . . . . .	90
( <i>R. J. Traystman and M. Hennerici</i> )	
Combined Neuroprotection/Thrombolysis in Acute Stroke . . .	100
( <i>J. Zivin and J. Grotta</i> )	

Medical Management of Elevated ICP . . . . .	106
( <i>C. K. Spiss, U. M. Illievich, T. Shimizu, and G. Clifton</i> )	
Surgical Management of Elevated ICP and Monitoring . . . . .	118
( <i>T. Steiner and A. Aschoff</i> )	
Intracerebral Hemorrhage Progression . . . . .	128
( <i>T. Brott and H. Hennes</i> )	
Surgical Treatment of Intracerebral Hemorrhage . . . . .	133
( <i>S. Tuhrim, J. Grotta, H. Hondo, and U. Gryzska</i> )	
Operative and Interventional Neuroradiology . . . . .	146
( <i>M. Shibuya, R. Higashida, and D. Kühne</i> )	
Vasospasm Following Subarachnoid Hemorrhage: Medical and Transvascular Treatment . . . . .	156
( <i>D. Wecht, J. Eskridge, M. Findlay, and J. Torner</i> )	
Cytoprotective Drugs After Subarachnoid Hemorrhage . . . . .	167
( <i>T. P. Bleck</i> )	
Subject Index . . . . .	173