

MCV/Q

MEDICAL COLLEGE OF VIRGINIA QUARTERLY

MEDICAL COLLEGE OF VIRGINIA QUARTERLY Published quarterly (Spring, Summer, Fall, Winter) by the Medical College of Virginia, Health Sciences Division of Virginia Commonwealth University. The QUARTERLY publishes articles of original research and review in basic and clinical sciences. Contributions from outside the Medical College of Virginia faculty are invited. Manuscripts should be prepared according to recommendations in the Stylebook/Editorial Manual, of the American Medical Association, Publishing Sciences Group, Inc., Sixth Edition, Littleton, (Mass), 1976.

Correspondence: MEDICAL COLLEGE OF VIRGINIA QUARTERLY, Box 26, Medical College of Virginia, Richmond, Virginia 23298. Phone (804) 770-4027.

Subscription rates (per year): U.S.A., Canada, and Mexico \$10.00 (Individuals); \$14.00 (Libraries and Institutions). All other countries \$12.00 (Individuals); \$15.00 (Libraries and Institutions). Interns, residents and students \$4.00. Single copy \$3.00.

Third class postage paid at Richmond, Virginia.

Editorial Advisory Board

GREGG L. HALLORAN
HUNTER H. MCGUIRE
J. CRAIG MCLEAN
KINLOCH NELSON
JOHN R. TAYLOR

Editorial Consultants

LARRY F. CAVAZOS *Boston*
FAIRFIELD GOODALE, JR. *Augusta*
RICHARD G. LESTER *Houston*
SAMI I. SAID *Dallas*
MALCOLM E. TURNER, JR. *Birmingham*

Editor

FREDERICK J. SPENCER

Managing Editor

MARY-PARKE JOHNSON

Cover Designer

RAYMOND A. GEARY

*A Scientific Publication of the School of Medicine
Health Sciences Division of Virginia Commonwealth University*

1977 • Volume Thirteen • Number Three

CONTENTS

Acute Problems in Neurology

JOHN R. TAYLOR, M.D., *Guest Editor*

Presented by the Departments of Neurology and Continuing Medical Education, School of Medicine, Medical College of Virginia, Health Sciences Division of Virginia Commonwealth University.

Introduction 82
JOHN R. TAYLOR, M.D.

Brain Death 83
CARY SUTER, M.D.

Acute Bilateral Ophthalmoplegias 88
JOHN B. SELHORST, M.D.

Coma in Infancy and Childhood 93
EDWIN C. MYER, M.D.

The Search for Optimal Management of Head Injury 97
J. DOUGLAS MILLER, M.D., PH.D.

A Diagnostic Approach to Acute Headache 107
ALAN B. GRINDAL, M.D.

Differential Diagnosis of Progressive Generalized or
Symmetrical Flaccid Paralysis 112
EDWARD R. ISAACS, M.D.

Acute Seizure Problems 116
CARY SUTER, M.D.

Bacterial Meningitis: Some Epidemiologic and
Clinical Factors in Diagnosis 123
VINCENT P. CALABRESE, M.D.

COVER: Engraving by H. Weydmans, Dutch, c. 1620. Operation
for Stones in the Head. Translation of caption from the Dutch
reads: "Come, come with great rejoicing; here the stones can be
cut out of your wife." Reproduced from *Medicine and the Artist*
(*Ars Medica*) by permission of the Philadelphia Museum of Art.
