The Journal of the American Board of Family Practice

VOLUME 8, NUMBER 5



SEPTEMBER-OCTOBER 1995

LOWER RESPIRATORY TRACT INFECTION IN THE ELDERLY

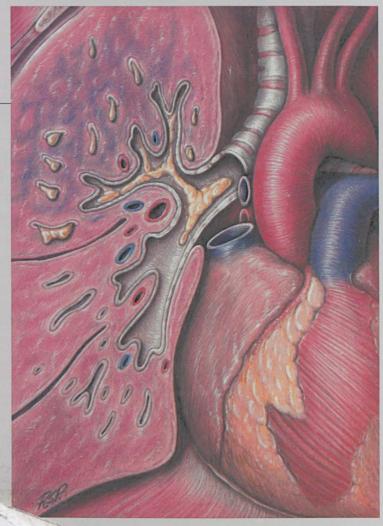
VAGINAL BIRTH AFTER CESAREAN SECTION

MYXEDEMA COMA IN THE ELDERLY

INFANT MORTALITY AND ACCESS TO CARE

ATTITUDES TOWARD
ALTERNATIVE MEDICINE





a of right upper lobe.











Editor
John P. Geyman, M.D.
Seattle, WA
Executive Editor
Paul R. Young, M.D.
Lexington, KY
Associate Editors
Alfred O. Berg, M.D.
Seattle, WA
Paul Brucker, M.D.
Philadelphia, PA
G. Gayle Stephens, M.D.
Birmingham, AL

Editorial Board
Alvah R. Cass, M.D.
Galveston, TX
Larry Culpepper, M.D.
Pawtucket, RI
Paul S. Frame, M.D.
Cohocton, NY
Larry Green, M.D.
Denver, CO
James C. Puffer, M.D.
Los Angeles, CA
Howard Rabinowitz, M.D.
Philadelphia, PA
Janet Realini, M.D.
San Antonio, TX
Eric M. Wall, M.D.
Portland, OR

Editorial Advisory Board John Beck, M.D. Los Angeles, CA Arthur Donovan, M.D. Los Angeles, CA Robert Fletcher, M.D. Philadelphia, PA Shervert H. Frazier, M.D. Belmont, MA Norman Gant, M.D. Dallas, TX Denis Pereira Gray, M.D. Exeter, England A. Dale Gulledge, M.D. Boise, ID Thomas K. Oliver, Jr., M.D. Chapel Hill, NC Edmund Pellegrino, M.D. Washington, DC Donald I. Rice, M.D. Toronto, Canada William Ross, M.D. Dallas, TX Jerome F. Wiot, M.D.

Cincinnati, OH

JABFP

The Journal of the American Board of Family Practice

VOLUME 8, NUMBER 5

SEPTEMBER-OCTOBER 1995

| CONTENTS | |
|---|-----|
| ORIGINAL ARTICLES | |
| Community-acquired Lower Respiratory Tract Infection in the Elderly: A Community-based Study of Incidence and Outcome Margaret S. Houston, Marc D. Silverstein, and Vera J. Suman | 347 |
| Vaginal Birth after Cesarean: A 5-Year Experience in a Family Practice Residency Program Eric S. Miller, Jeanette Partezana, and Ruth L. Montgomery | 357 |
| Physicians' Attitudes toward Complementary or Alternative Medicine: A Regional Survey Brian M. Berman, B. Krishna Singh, Lixing Lao, Betsy B. Singh, Kevin S. Ferentz, and Susan M. Hartnoll | 361 |
| Dimensions of Happiness: A Qualitative Study of Family Practice Residents Eron G. Manusov, Robert J. Carr, Michael Rowane, Lee A. Beatty, and Mark T. Nadeau | 367 |
| CLINICAL REVIEW | |
| Myxedema Coma in the Elderly Cynthia G. Olsen | 376 |
| MEDICAL PRACTICE | |
| Lemierre Syndrome: Postanginal Sepsis Camille M. Leugers and Richard Clover | 384 |
| FAMILY PRACTICE AND THE HEALTH CARE SYSTEM | |
| Relation of Infant Mortality to the Availability of Maternity Care in Rural Florida Walter L. Larimore and Alan Davis | 392 |
| BRIEF REPORTS | |
| Serotonin Syndrome in Parkinson Disease Diane M. Weiss | 400 |





The Journal of the American Board of Family Practice

VOLUME 8, NUMBER 5

SEPTEMBER-OCTOBER 1995

| CONTENTS | | |
|--|-----|---|
| Continued | | |
| Atrial Fibrillation during Flexible Sigmoidoscopy in a 36-Year-Old Man Richard D. Bruehlman | 403 | |
| Uterine-Vesicular Rupture during Trial of Labor Michael L. Tuggy | 405 | |
| Unusual Cause of Unresponsiveness during the Second Stage of Labor America V. Oujevolk, Claudia A. Christman, and John Altrocchi | 410 | |
| EDITORIALS | | |
| Board News Paul R. Young | 413 | |
| "But Doctor, I'd Prefer to Have a Cesarean Section": When Public Policy Conflicts with Patient Preference Eric M. Wall | 414 | 7.4BED / 7 |
| Relationship-centered Care: Beyond the Finishing School Howard Brody | 416 | JABFP (Journal Board of Family I 0893-8652) is pu a year in January July, September, |
| Happy Residents, Happy People, or Both? John J. Frey III | 418 | by the American Practice, 2228 Ye Lexington, KY 4 publishing service |
| Nicholas J. Pisacano, MD, Memorial Foundation | 421 | the Massachusett Society, 1440 M |
| Recertification Process for the Certificate of Added Qualifications in Geriatric Medicine | 424 | Waltham, MA 03 subscription rate \$58.00; Physician Residents/Studen |
| CORRESPONDENCE | 426 | more information the Information |
| BOOKS RECEIVED | 432 | page. Second-cla at Lexington, KY |
| BOOK REVIEWS | 434 | mailing offices. P Send address cha |
| CLASSIFIED ADVERTISING | | 2228 Young Driv KY 40505. ©Copyright 199 American Board Practice. All righ The Journal does responsible for st by any contribute opinions expresse reflect the views and not the offic American Board Practice. |

INFORMATION FOR READERS

The Journal of the American Board of Family Practice

Official Publication of the American Board of Family Practice 2228 Young Drive, Lexington, KY 40505

EDITORS

John P. Geyman, M.D., Editor
Paul R. Young, M.D., Executive Editor
Alfred O. Berg, M.D., Associate Editor
Paul Brucker, M.D., Associate Editor
G. Gayle Stephens, M.D., Associate Editor
Claire Z. Fenwick, Assistant Editor
Ann Stockham, Copy Editor and Assistant Executive Editor
Virginia M. Gessner, Senior Editorial Assistant
Debbie Wilson, Production Assistant
Mary K. Lowell, Reference Verification

PUBLISHING SERVICES

Publishing Division, Massachusetts Medical Society

Robert D. Bovenschulte, Vice President for Publishing
William H. Paige, Executive Director for Operations
Christopher R. Lynch, Executive Director for Product Management
Justin R. Spence, Product Manager
Robert Quinn, Reprints

Advertising Sales and Production

Arthur Wilschek, Director
Lewis Wetzel, Manager, Eastern Accounts
Wayne Wickman, Manager, Eastern Accounts
Christine Miller, Manager, Recruitment Advertising
Mary Kaye Howe, Production Manager
Lynne Brochu

Circulation Marketing James Clifton

Electronic Production

Ruth E. Goodman, *Director* Tommie Richardson, *Coordinator* Sherie Moore, Thomas Gardon, Jeff Fronczek, Sara Fleming, David Lashua

Computer Assisted Publishing Support Leon Barzin, *Director* Martha Soule Customer Service and Fulfillment Elizabeth C. Clancy, Director

Distribution and Postal Affairs Mark Davidson, Director

Printing ServicesJoseph Cortese, *Director*

SUBSCRIPTION INFORMATION AND SERVICES

The Journal of the American Board of Family Practice is supplied free of charge to 50,400 Diplomates and Residents of the American Board of Family Practice. For information please contact:

American Board of Family Practice 2228 Young Drive Lexington, KY 40505 Tel: (606) 269-5626 FAX: (606) 266-9699

For all other subscribers please contact:

The Journal of the American Board of Family Practice

Subscription Department 1440 Main Street Waltham, MA 02154-1649 (617) 893-3800, ext. 1199 Telex: 5106017779 NEJM BOS FAX: (617) 893-0413

SUBSCRIPTION RATES

| | Domesti | c Inter- | | |
|---|---------|-----------|--|--|
| | | national* | | |
| Institutions | \$58.00 | \$60.00 | | |
| Physicians | \$35.00 | \$45.00 | | |
| Residents/Students | \$20.00 | \$45.00 | | |
| *Pounds Sterling drawn on U.K. banks ac- | | | | |
| cepted and converted at current rate of ex- | | | | |
| change. U.S. dollars d | | | | |

OTHER SUBSCRIPTION INFORMATION

Diplomates should make address changes on the form accompanying this issue and forward to the Diplomate address listed above. All other subscribers should forward changes to the Waltham, Mass., address listed on this page. Changes must be received at least six weeks in advance of intended move. Please send new address, old address, and expected date of change.

ISSUES NOT RECEIVED

Missing issues will be replaced for up to three months from the issue date without charge. Diplomates and other subscribers who fail to notify the Lexington, Ky., or the Waltham, Mass., office of address changes will not be eligible for free replacement issues. Claims beyond the three-month limit must be prepaid at the backcopy rates. Claims should be sent to either the Diplomate or regular subscriber address listed on this page.

BACK COPIES

If you wish to purchase back copies (issues published prior to your effective start date) of the Journal of the American Board of Family Practice, there is a charge of \$12.50 per issue. Contact the Waltham, Mass., address listed above for information.

REPRINTS

Individual copies of articles are available from the Waltham, Mass., office. If you wish to order bulk reprints (minimum order of 100) please contact the Reprint Department (617) 893-3800, ext. 1279, at the Waltham, Mass., office.

COPYRIGHT

Material appearing in the Journal of the American Board of Family Practice is covered by copyright. Copying beyond the quantities permitted under "fair use" as defined by U.S. copyright law is allowed provided the stated fee of \$.20 per page is paid through the Copyright Clearance Center, 21 Congress St., Salem, MA 01970. This consent does not extend to other copying, such as copying for advertising or promotional purposes. Single copies for personal or internal use are allowed at no charge. Nonprofit institutions may make copies provided they obtain prior consent from the Journal of the American Board of Family Practice, Rights and Permissions Department, 1440 Main Street, Waltham, MA 02154-1649, (617) 893-3800, ext. 1413.

INDEXING AND MICROFORM

The Journal of the American Board of Family Practice is indexed in Index Medicus and is available in microform from University Microfilms International.

INFORMATION FOR AUTHORS

The Journal of the American Board of Family Practice welcomes for editorial review manuscripts that contribute to family practice as a clinical scientific discipline. High priority is given to reports of clinically relevant studies that have practical implications for improved patient care. Manuscripts are considered in relation to the extent to which they represent original work, their significance to the advancement of family medicine, and their interest to the practicing family physician. Some papers that are accepted by the Journal will be selected for an accompanying guest editorial or concurrent commentary by other invited authors addressing issues raised by the papers. The Journal publishes the following

Original Articles. Reports of original research, usually dealing with a clinical, health services, or other clinically relevant study.

Medical Practice. Scholarly articles that relate directly to clinical topics useful in everyday family practice, whether dealing with diagnostic or therapeutic roles of the family physician or reporting studies of what family physicians do in practice.

Clinical Review. In-depth reviews of specific clinical problems, disease entities, or treatment modalities; comprehensive and critical analysis of the literature is required (usual maximum length 5000 words).

Clinical Guidelines and Primary Care. Summaries of major clinical guidelines proposed by various specialty, governmental, or health care organizations, with critical commentary from a primary care perspective.

Family Practice and the Health Care System. Articles reporting studies and scholarly commentary on changing trends and patterns of care in family practice, primary care, and the health care system.

Special Articles. Articles in other areas that may relate to the role of the family physician, education for family practice, or other subjects important to family practice as a clinical specialty.

Brief Reports. Short reports of pilot studies or case reports with a teaching point of clinical relevance (usual length 1000–1500 words).

Family Practice—World Perspective. Papers reporting developments related to the practice or education of family physicians in various countries around the world (usual length 1200–1800 words).

Reflections in Family Practice. Papers in narrative or essay format that illuminate qualitative aspects of family practice, including such areas as ethical issues, the physician-patient relationship, or the diverse roles of the family physician.

Editorial. Focused opinion or commentary that bears on an issue relevant to the field. May or may not accompany an original article in the same issue (usual length 1000–1500 words).

Letters to the Editor. Observations, opinion, or comment on topics under discussion in the *Journal*, usually not to exceed 500 words.

Book Reviews. Books for review and book reviews should be sent to Dr. John P. Geyman, Editor, the Journal of the American Board of Family Practice, Department of Family Medicine (HQ-30), School of Medicine, University of Washington, Seattle, WA 98195.

The following guidelines are in accordance with the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals." The current (fourth) edition was published in the February 7, 1991, issue of the New England Journal of Medicine.

MANUSCRIPT SUBMISSION

Manuscripts containing original material are accepted for consideration with the understanding that neither the article nor any part of its essential substance, tables, or figures has been or will be published or submitted for publication elsewhere before appearing in the Journal. This restriction does not apply to abstracts or press reports published in connection with scientific meetings. Copies of any possibly duplicative manuscripts should be submitted to the Editor along with the manuscript that is to be considered by the Journal. The Journal strongly discourages the submission of more than one article dealing with related aspects of the same study. In almost all cases, a single study is best reported in a single

Submit an original and 3 copies of the complete manuscript, including text pages, legends, tables, references, and glossy prints of figures. Only typed copy, on standard-sized typewriter paper and double-spaced throughout, with margins of at least 2.5 cm, is acceptable. Address all submissions to John P. Geyman, M.D., Editor, the Journal of the American Board of Family Practice, Department of Family Medicine (HQ-30), School of Medicine, University of Washington, Seattle, WA 98195. A covering letter should identify the person (with the address and telephone number) responsible for negotiations concerning the manuscript; the letter should make it clear that the final manuscript has been seen and approved by all authors. If authors acknowledge by name persons who provided important technical, advisory, or reviewer contributions, the corresponding author should sign the following statement: "I have obtained written permission from all persons named in the acknowledgment."

The Journal expects authors to take public responsibility for their manuscripts, including conception and design of the work, data analysis, writing, and review of the paper. Authors are expected to stand behind the validity of their data and, if asked by the Editor, to submit the actual data for editorial review with the manuscript. In most instances authorship should be limited to 8 authors or fewer, all meeting the above criteria for authorship. Exceptions to these guidelines, especially those involving multisite collaborative research projects, should be discussed on a case-by-case basis with the Editor.

The Journal also expects authors to disclose any commercial associations that might pose a conflict of interest in connection with the submitted article. Consultancies, stock ownership or other equity interests, patent-licensing arrangements, and other kinds of associations that might involve conflict of interest should be disclosed to the Editor in a covering letter at the time of submission. Such information will be held in confidence while the paper is under review and will not influence the editorial decision. If the manuscript is accepted, the Editor will discuss with the authors how best to disclose the relevant information. Questions about this policy should be directed to the Editor.

MANUSCRIPTS

Titles and Authors' Names

With the manuscript, provide a page giving the title of the paper; a running foot of fewer than 40 letter spaces; the name(s) of the author(s), including first name(s) and academic degree(s); the name of the department and institution in which the work was done; and the name and address of the author to whom reprint requests should be

addressed. All funding sources supporting the work should be routinely acknowledged on the title page, as should all institutional or corporate affiliations of the authors. Two to four key words should be submitted with the manuscripts to be used for purposes of classification by subject. Use terms from the Medical Subject Headings from Index Medicus when possible.

Abstracts

Use another page to provide an abstract of not more than 200 words. This abstract should be factual, not descriptive, with its content appropriate to the type of paper. For original articles reporting results of studies, a four-paragraph format should be used labeled Background, Methods, Results, and Conclusions. These should briefly describe, respectively, the object of the study, the methods used, the major results, and the author(s) conclusions. Abstracts are not necessary for Brief Reports or World Perspective papers.

Abbreviations

Except for units of measurement, abbreviations are discouraged. Consult the Council of Biology Editors Style Manual (Fifth edition. Bethesda, MD: Council of Biology Editors, 1983) for lists of standard abbreviations. The first time an abbreviation appears, it should be preceded by the words for which it stands.

Drug Names

Generic names should, in general, be used. If an author so desires, brand names may be inserted in parentheses.

Inclusive Language

Sex bias should be avoided and gender-inclusive language used whenever possible.

References

References must be typed in double spacing and numbered consecutively as they are cited. References first cited in tables or figure legends must be numbered so that they will be in sequence with references cited in the text. The style of references is that of the *Index Medicus*. List all authors when there are 6 or fewer; when there are 7 or more, list the first 6, then "et al." Sample references are as follows:

Standard Journal Article

(List all authors, but if the number exceeds 6, give 6 followed by et al. Note that month and issue number are omitted when a journal has continuous pagination throughout a volume.)

Morrow JD, Margolies GR, Rowland J, Roberts LJ 2nd. Evidence that histamine is the causative toxin of scombroid-fish poisoning. N Engl J Med 1991; 324:716-20.

Organization as Author

Clinical Experience Network (CEN). A large-scale, office-based study evaluates the use of a new class of nonse dating antihistamines. A report from CEN. J Am Board Fam Pract 1990; 3:241-58.

Book

Rakel RE. Textbook of family practice. 4th ed. Philadelphia: WB Saunders, 1990.

Chapter in Book

Haynes RC Jr. Agents affecting calcification: calcium, parathyroid hormone, calcitonin, vitamin D, and other compounds. In: Gilman AG, Rall TW, Nies AS, Taylor P, editors. Goodman and Gilman's the pharmacological basis of therapeutics. 8th ed. New York: Pergamon Press, 1990.

Government Agency

Schwartz JL. Review and evaluation of smoking cessation methods: the United States and Canada, 1978-1985. Bethesda, MD: Department of Health and Human Services, 1987. (NIH publication no. 87-2940.)

Personal Communications

Numbered references to personal communications, unpublished data, and manuscripts either "in preparation" or "submitted for publication" are unacceptable (see "Permissions"). If essential, such material may be incorporated in the appropriate place in the text.

Tables

Type tables in double spacing on separate sheets, and provide a title for each. For footnotes, use the following symbols, in this sequence: *, †, ‡, §, II, ¶, **, ††, etc. Excessive tabular data are discouraged. If an article is accepted, the Journal will arrange to deposit extensive tables of important data with the National Auxiliary Publications Service (NAPS); we will pay for the deposit and add an appropriate footnote to the text. This service makes microfiche or photocopies of tables available at moderate charges to those who request them.

Illustrations

Figures should be professionally designed. Glossy, black-and-white photographs are requested. Symbols, lettering, and numbering should be clear, and these elements should be large enough to remain legible after the figure has been reduced to fit the width of a single column.

The back of each figure should include the sequence number, the name of the author, and the proper orientation (e.g., "top"). Do not mount the figure on cardboard. Photomicrographs should be cropped to a width of 8 cm, and electron photomicrographs should have internal scale markers.

If photographs of patients are used, either the subjects should not be identifiable or their pictures must be accompanied by written permission to use the figure. Permissions forms are available from the Editor.

Legends for illustrations should be type-written (double-spaced) on a separate sheet and should not appear on the illustrations.

Color illustrations are used from time to time. Send both transparencies and prints for this purpose.

Permissions

Every effort (short of changing the patient data) should be made by the authors to protect the anonymity of patients (and relatives) in any published work. If identification is unavoidable, informed consent should be obtained and attached with the submitted letter; in the case of minors or incompetent patients, consent should be obtained from relatives or guardians.

Materials taken from other sources must be accompanied by a written statement from both author and publisher giving permission to the *Journal* for reproduction. Obtain permission in writing from at least one author of papers still in press, of unpublished data, and of personal communications.

REVIEW AND ACTION

Manuscripts are examined by the editorial staff and are usually sent to outside reviewers. Authors will remain anonymous to outside reviewers and vice versa. External statistical review will be accomplished where appropriate. Every effort will be made to complete the review process as expeditiously as possible.

Copyright Transfer Forms

Transfer of copyright to the Journal is requested upon acceptance of the material for publication. Copyright transfer is required of all materials to be published in the Journal, including Letters to the Editor and Book Reviews.

Reprints

Authors will receive reprint information and rates when they are sent their galley proofs. Reprints ordered at that time will be shipped about 3 weeks after the publication date.