

THE HMO PROGRAM— A HEALTH PRIORITY



Cover—The woman being examined symbolizes the preventive health care being given by health maintenance organizations, one of the special features of HMOs. The number of HMOs has grown rapidly from 30 in 1971 to 140 in 1974. The special section in this issue examines some current HMO concerns—in implementing the 1973 legislation, in marketing the health plans, and labor's role in fostering them. Also in the special section are reports from two operating HMOs.

□ In December 1973, the HMO Act was signed. That signing was the culmination of 3 years of congressional and administration effort to develop a significant alternate choice in health care delivery for the nation. The goal was to make available to more people—both consumers and providers—the option of prepaid comprehensive health care services through a single responsible organization.

□ Health maintenance organizations (HMOs), which have been in existence for more than 40 years, have demonstrated the capability to provide high quality health care with efficiency. Their ability to contain costs, which they must do since they operate on a fixed budget, is of particular significance in this time of inflationary pressures. Indeed, many of the recommendations stemming from last September's Pre-Summit Conference on the Impact of Inflation on Health dealt directly with measures to emphasize the delivery of health care through the HMO concept and to expand its availability.

□ The Health Services Administration is now fully involved in implementing this significant act. Its authorities are broad. Not only does it provide for financial assistance to develop HMOs to the point of financial independence; it also enhances their progress by removing barriers to access to markets and by permitting them to operate where certain State laws and regulations tend to inhibit them.

□ Regulations have been issued to activate the funding authority and 67 organizations have thus received grants for feasibility studies, planning, and in development. The first local cover initial operating deficits active HMO has been negotiated.

□ The remaining regulations will govern the qualification and retention of HMOs and impose on certain employers the obligation to offer the option of HMO membership to their employees appear in 1975.

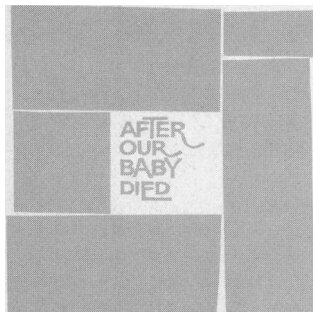
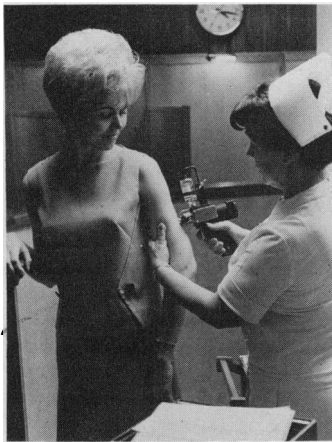
□ These program actions will accelerate even more rapidly the growth of the HMO movement. Since the announcement of the HMO initiative early in 1971, the number of HMO-like organizations has grown from about 30 to more than 140. Of the new HMOs, more than 40 have received assistance through Federal funding. The private sector—physician group hospitals, Blue Cross and Blue Shield, and the insurance carriers—has, however, carried the main burden of expanding the nation's HMO activity so that more than 5 million people are now receiving their health care through HMOs.

□ The HSA mission is to use the authorities and resources made available under the HMO Act to help committed and capable sponsor groups develop effective HMOs and to facilitate their effort to gain enrollment. Beyond that, there must be assurance that these organizations meet—and continue to meet—the requirements of the

HMOs—A SPECIAL SECTION

- 99 HMOs—The view from the program □ *Frank H. Seubold*
- 104 Labor's point of view on HMOs □ *Lane Kirkland*
- 106 Consumer acceptance of HMOs □ *Claudia B. Galiher and Marjorie A. Costa*
- 113 Knowledge of patient's method of payment by physicians in a group practice
□ *Joel H. Broida and Monroe Lerner*
- 119 Elements of progressive patient care in the Yale Health Plan HMO □ *David A. Pearson, Daniel S. Rowe, Barry Goldberg, and Ellen Seigel*
- 126 Automated health testing in a medical group practice. Effects on physician behavior and economic influences □ *James G. Roney and Hilliard D. Estes*
- 133 Automated multiphasic health testing. Diagnostic and testing results obtained at the Health Evaluation Center, Public Health Service Hospital, Baltimore □ *Bryan Holland, Peter M. Holland, and Richard K. C. Hsieh*
- 140 Antiepileptic medication in chronic care facilities. Results of a review of the medical records of 773 patients in seven nursing homes, Montgomery County, Md. □ *John I. Moseley and J. Kiffin Penry*
- 144 Methods for community surveillance of geriatric institutions □ *Jordan I. Kosberg*
- 149 The management of organizational change in health agencies □ *Robert Veninga*
- 154 The clients of an unauthorized program of methadone treatment □ *Evelyn L. Goldberg and Stuart L. Nightingale*
- 159 A comparison of three educational techniques used in a venereal disease clinic □ *Waleed Alkhateeb, Clinton J. Lukerath, and Mary Riggs*
- 165 Comparability of infant death and birth certificates and their influence on infant mortality. A study in Minnesota, 1967-71 □ *Harriet J. Kelly*

IN THIS ISSUE ▽ 133 ▽ 190



U.S. DEPARTMENT OF HEALTH,
EDUCATION, AND WELFARE
Caspar W. Weinberger, *Secretary*

PUBLIC HEALTH SERVICE
Assistant Secretary for Health
Theodore Cooper, MD, *Acting*

HEALTH RESOURCES ADMINISTRATION
Kenneth M. Endicott, MD, *Administrator*

PUBLIC HEALTH REPORTS
Marian Priest Tebben, *Editor*
Esther C. Gould, *Assistant Executive Editor*
Virginia M. Larson, *Managing Editor*
Don Meeker, *Art Director*

Opinions expressed are the authors' and do not necessarily reflect the views of Public Health Reports or the Health Resources Administration. Trade names are used for identification only and do not represent an endorsement by the Health Resources Administration.

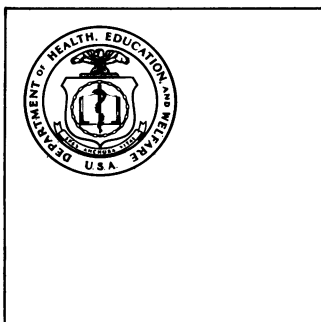
Address correspondence to:

Editor, Public Health Reports
Room 10A-41, Parklawn Bldg.
5600 Fishers Lane
Rockville, Md. 20852
Telephone:
Area code 301-443-2525

- 168 Effects of a health careers program and family support for a health career on eighth graders' career interest □ *Charles O. Crawford, George W. Schelzel, Phyllis L. Fleming, and Ira E. Harrison*
- 173 Dental health of Louisiana residents based on the ten-State nutrition survey
P.M. Morgan, R. F. Murphy, R. A. Willis, D.W. Hubbard, and J. M. Norton
- 179 Bicentennial reprint. Reports to the Surgeon-General, Public Health and Marine-Hospital Service. Experimental transmission of Rocky Mountain spotted fever by means of the tick. Preliminary note □ *W. W. King* (July 27, 1906)

PROGRAMS, PRACTICES, PEOPLE

- 181 U.S. medical students exposed to Israeli and Yugoslav health care systems
- 183 Living Hansen's bacilli found in mosquitoes
- 184 1974 EPA inventory report on water quality in rivers
- 184 Competition open for grants for six new research centers
- 184 Law and medicine journal to start in spring
- 185 Scientific colloquium series offered by HRA
- 185 Computer system CANCERLINE affords research data on cancer treatment
- 186 Monitoring cost and activity of ambulatory services
- 186 NCHS reports on prevalence of chronic conditions
- 188 Dalkon shield's safety, effectiveness studied
- 188 British Medical Bulletin devotes issue to research in medical care
- 189 Claims preparation system cuts Medicaid billing costs for participating physicians
- 189 Bacterial meningitis vaccine is being tested in Finland
- 189 Hospital credentialing of health personnel
- 190 Establishment of National Center for Health Services Research
- 190 Film for hospital personnel on SIDS, "After Our Baby Died"
- 190 Evaluating dental care given by professionals and self-care by client
- 190 Date change for HRA Conference on Women in Health
- 191 Education notes
- 191 Publications



U.S. Department of Health,
Education, and Welfare
Public Health Service
Health Resources Administration

Faculty Institute on Medical Care at Ann Arbor. The sixth Faculty Institute on Medical Care, sponsored by the American Public Health Association, will be held June 9-20, 1975, at the University of Michigan, Ann Arbor. The institute, to be conducted by a nationally known staff of experts on medical care, offers a series of specialized courses in medical care concepts and issues, health services research, medical economics, international perspectives on health policy issues, the politics of health care, and organization of ambulatory health services. A course on quality assurance is included.

Registration is open to persons with teaching and research responsibilities in medical schools, programs of hospital administration, schools of public health, and other health professional schools, as well as to other qualified persons with significant responsibilities in health program administration. The tuition is \$350; enrollment is limited. For applications and further information, write Barbara Black, Department of Medical Care Organization, M3150, School of Public Health, University of Michigan, Ann Arbor, Mich. 48104.

Summer Session of Statistics in the Health Sciences. The 17th annual Graduate Summer Session of Statistics in the Health Sciences, which is supported by Public Health Service funds, will be held at Vanderbilt University, Nashville, Tenn., June 22-Aug. 1, 1975.

Tentative courses include elementary and intermediate biostatistics, actuarial statistics, demography, sampling methods, research design, design of experiments, Bayesian inference, categorical data, and health facility statistics. The courses are designed for statisticians, epidemiologists, and health science personnel, as well as administrators, health planners, and other health workers who use quantitative data in decision making. Graduate students, medical students, and teachers in statistics and in the health, medical, and biological sciences will also be interested in the program.

For further information, write Dr. Charles F. Federspiel, Summer Session of Statistics, Division of Biostatistics, Department of Preventive Medicine, Vanderbilt University, Nashville, Tenn. 37232.

Health Executives Development Program. The 18th annual Health Executives Development Program will be offered on the Ithaca (N.Y.) campus of

Cornell University June 29-July 11, 1975. The intensive 2-week program will use the seminar approach and emphasize health policy and planning, international health care trends, and the development of selected managerial skills. The program is open to hospital administrators, health planners, and executives of governmental health agencies and other health care organizations.

For further information and application forms, write Health Executives Development Program, Sloan Program in Hospital and Health Services Administration, Graduate School of Business and Public Administration, 319 Malott Hall, Cornell University, Ithaca, N.Y. 14853.

Teaching Seminar on Cardiovascular Epidemiology. The eighth International Teaching Seminar on Cardiovascular Epidemiology will be held under the auspices of the International Society of Cardiology and in association with the World Health Organization Sept. 21-Oct. 3, 1975, in Mexico.

Approximately 30 fellows can be accepted. Nominees should be at the post-doctoral level, have some residency training or its equivalent, and be interested in cardiovascular epidemiology. Limited funds may be available for room and board and

partial assistance with travel costs. Fluency in English is essential.

To apply, send (a) a letter of nomination by chief of department or institution, (b) a personal letter of application, and (c) a curriculum vitae to Jeremiah Stamler, MD, Secretary, Council on Epidemiology and Prevention, I.S.C., Northwestern University Medical School, Ward Bldg., Rm. 9-105, 303 East Chicago Ave., Chicago, Ill. 60611. The deadline for receipt of applications is May 1, 1975.

Symposium on cell membrane receptors. The Ninth Miles International Symposium, to be held June 4-6, 1975, at the Johns Hopkins Medical Institutions, Baltimore, Md., will stress the identification and role of cellular receptor sites in a variety of biologically active entities—viruses, antigens and antibodies, polypeptide hormones, and small molecules. The participation of these interacting systems in immunological, endocrinological, and pharmacological phenomena within the cells has become of increasing interest in biomedical research during the past 10 years.

For further information, contact Edward G. Bassett, PhD, Symposium Coordinator, Miles Laboratories, Inc., Elkhart, Ind. 46514, (219) 264-8460.

publications

FEDERAL

Clinical Programs for Mentally Retarded Children. *DHEW Publication No. (HSA) 74-5706. 1974; 36 pages; 75 cents. (Stock No. 1721-00018.)*

Report of State and Local Radiological Health Programs. Fiscal year 1973. By Lois A. Miller. *DHEW Publication No. (FDA) 75-8006. July 1974; 76 pages; \$1.50. (Stock No. 1715-00074.)*

6th Annual National Conference on Radiation Control. New Challenges, April 28-May 3, 1974, San Antonio, Texas. *DHEW Publication (FDA) 75-8010. October 1974; 299 pages.*

Your Medicare Handbook. *DHEW Publication No. (SSA) 74-10050. August 1974; 62 pages.*

Regulation of Gene Expression in Eukaryotic Cells. A symposium sponsored by the John E. Fogarty International Center for Advanced Study in the Health Sciences. *Fogarty International Center Proceedings No. 25. Edited by Maureen Harris, PhD, and Brad Thompson, MD. DHEW Publication No. (NIH) 74-648. 1974; 127 pages; \$4.15. (Stock No. 1753-00024.)*

The National Library of Medicine. Programs and Services, Fiscal Year 1974. *DHEW Publication No. (NIH) 75-256. 1974; 44 pages.*

Relationship Between Whole-Body Vibration and Morbidity Patterns Among Motor Coach Operators. *HEW Publication No. (NIOSH) 75-104. 1974; 62 pages. Office of*

Technical Publications, National Institute for Occupational Safety and Health, Post Office Bldg., Cincinnati, Ohio 45202. (Enclose self-addressed label with request.)

Radon Progeny Exposure Measurement Using Lead-210. HEW Publication No. (NIOSH) 75-116. 1974; 66 pages. Office of Technical Publications, National Institute for Occupational Safety and Health, Post Office Bldg., Cincinnati, Ohio 45202. (Enclose self-addressed label with request.)

An Evaluation of Organic Vapor Respirator Cartridges and Cannisters Against Vinyl Chloride. HEW Publication No. (NIOSH) 75-111. 1974; 23 pages. Office of Technical Publications, National Institute for Occupational Safety and Health, Post Office Bldg., Cincinnati, Ohio 45202. (Enclose self-addressed label with request.)

NIOSH Manual of Analytical Methods. HEW Publication No. (NIOSH) 75-121. 1974; 336 pages. Office of Technical Publications, National Institute for Occupational Safety and Health, Post Office Bldg., Cincinnati, Ohio 45202. (Enclose self-addressed label with request.)

National Center for Health Statistics

Ambulatory Medical Care Records: Uniform Minimum Basic Data Set. A report of the United States Committee on Vital and Health Statistics. DHEW Publication No. (HRA) 75-1453, Series 4, No. 16. August 1974; 10 pages; 60 cents. (S.D. No. HE 20.6209:4)6.)

Characteristics of Persons With Corrective Lenses, United States, 1971. DHEW Publication No. (HRA) 75-1520, Series 10, No. 93. September 1974; 37 pages; \$1.05. (S.D. No. HE 20.6209: 10)93.)

Utilization of Short-Stay Hospitals. Summary of nonmedical statistics, Unitec States, 71. DHEW Publication No. (HRA) 75-1768, Series 13, No. 17. August 1974; 41 pages; 85 cents.

Federal publications listed are obtainable from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401. Orders should be accompanied by check or money order and should fully identify the publication. (Publications listed without prices may be obtained from agency.)

World Health Organization

Ecology and Control of Rodents of Public Health Importance. Report of a WHO scientific group. Technical Report Series No. 553. 1974; 42 pages; Geneva.

Detection of Dependence-Producing Drugs in Body Fluids. Report of a WHO meeting of investigators. WHO Technical Report Series No. 556. 1974; 50 pages; Geneva.

Trace Elements in Relation to Cardiovascular Disease (Status of the Joint WHO/IAFA Research Programme). Edited by R. Masironi. 1974; 45 pages; Geneva.

Publications of the World Health Organization, 1968-1972. a Bibliography. 1974; 158 pages; Geneva.

Glossary of Mental Disorders and Guide to Their Classification. For use in conjunction with the International Classification of Diseases, 8th revision. 1974; 86 pages; Geneva.

World Health Statistics Report. Vol. 17, No. 7, 1974, pages 364-487; WHO; Geneva.

World Health Statistics Report. Vol. 27, No. 8, 1974, pages 490-539; WHO; Geneva.

World Health Statistics Report. Vol. 27, No. 9, 1974, pages 542-652; WHO; Geneva.

Report of the Regional Director, July 1973 to June 1974. World Health Organization Regional Office for Europe, Copenhagen. 1974; 129 pages; Geneva.

Problems and Programmes Related to Alcohol and Drug Dependence in 33 Countries. By Joy Moser. WHO Offset Publication No. 6. 1974; 106 pages; Geneva.

WHO publications may be obtained from Q Corp., 49 Sheridan Ave., Albany, N.Y. 12210.

Nonfederal

A Nationwide System for Animal Health Surveillance. October 1974; \$4.25. National Academy of Sciences, Printing and Publishing Office, 2101 Constitution Ave., NW., Washington, D.C. 20418.

Advancing the Quality of Health Care: Key issues and fundamental principles. Prepared by a committee of the Institute of Medicine, 2101 Constitution Ave., NW., Washington, D.C. 20418.

The Medicines Your Doctor Prescribes. A guide for consumers. 1974; 8 pages. Consumer Information, Pharmaceutical Manufacturers Association, 1155 Fifteenth St., NW., Washington, D.C. 20005.

Report by the Committee on Motor Vehicle Emissions. 1974. National Research Council, 2101 Constitution Ave., NW., Washington, D.C. 20418.

Ethics of Health Care. Papers of the Conference on Health Care and Changing Values, November 27-29, 1973. Edited by Laurence R. Tancredi. 1974; 313 pages. Printing and Publishing Office, National Academy of Sciences, 2101 Constitution Ave., NW., Washington, D.C. 20418.

Un Futuro Attractivo. (Booklet for parents of children with cleft lip or palate.) By Eugene T. McDonald, Ph.D., and translated by Joseph Reid Scott, Ph.D. 1974; 35 cents. National Easter Seal Society, 2023 W. Ogden Ave., Chicago, Ill. 60612.

Agenda for Continuing Education: A challenge to health care institutions. By Daniel S. Schechter. August 1974; 112 pages; \$6. Hospital Research and Educational Trust, 840 North Lake Shore Dr., Chicago, Ill. 60611.

Carbon Monoxide and the People of Denver. Edited by Miriam Orleans and Gilbert F. White. 1974; 216 pages. Institute of Behavioral Science, University of Colorado, Boulder, Colo. 80302.

Smoking and Politics. Policymaking and the Federal bureaucracy. Second edition. By A. Lee

Fritschler. 1974; 180 pages; \$3.95. Prentice-Hall, Inc., Publishers, Englewood Cliffs, N.J. 07632.

Food for the World's Hungry. Public Affairs Pamphlet No. 511. By Maxwell S. Stewart. August 1974; 25 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Talking It Over Before Marriage. Exercises in premarital communication. Public Affairs Pamphlet No. 512. By Millard J. Bienew, Sr. September 1974; 24 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

The Health Profession Education Organization and the Governmental Process. Publication No. 14-1541. 1974; 17 pages; \$1.50. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Response to Changing Needs. 1 Publication No. 15-1528. 1974; 73 pages; \$4.95. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

The Future is Now. Publication 52-1553. 1974; 39 pages; \$2.95. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

The Problem-Oriented System. A multidisciplinary approach. Publication No. 20-1546. 1974; 91 pages; \$4.50. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Financial Management for Schools of Nursing. Publication No. 16-1549. 1974; 113 pages; \$4.50. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Developing Nursing Programs in Institutions of Higher Education—1974. Publication No. 14-1533. 1974; 94 pages; \$4. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Initiating a Baccalaureate Degree Program in Nursing. Asking the essential questions. Publication No. 15-1536. 1974; 11 pages; \$1. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Families and Family Therapy. By D. Salvador Minuchin. 1974; \$10. Harvard University Press, 79 Garden St. Cambridge, Mass. 02138.

Industry and Tropical Health: VIII. Proceedings of the Eighth Conference of the Industrial Council for Tropical Health. Sponsored by the Harvard School of Public Health, April 3-5, 1973, Boston. 1974; 198 pages; \$15. Harvard School of Public Health, 677 Huntington Ave., Boston, Mass. 02115.

Your Baby's Eyes. 1974; 4-page folder; Free. Send self-addressed business-size envelope to Public Information Division, American Optometric Association, 7000 Chippewa St., St. Louis, Mo. 63119.

Contact Lens Emergency Care Information and Instruction Packet. 1974; 50 cents. Public Information Division, American Optometric Association, 7000 Chippewa St., St. Louis, Mo. 63119.

Order non-Federal publications from publisher or sponsoring organizations.
