

Improved Pregnancy Outcome— New Initiative, Old Principles

□ For years, the vital records have shown that infant mortality and the rate of teenage pregnancies are higher in some parts of the United States than in others. Close analysis of the statistics reveals that 13 jurisdictions—12 States and the District of Columbia—contribute a disproportionate share of the nation's infant deaths and teenage pregnancies.

□ The Federal/State Improved Pregnancy Outcome (IPO) Program, a new initiative of the Bureau of Community Health Services, is aimed at changing these statistics by improving maternal care and thus pregnancy outcome through better coordination and augmentation of existing resources in the areas with high rates. The Bureau's Office for Maternal and Child Health will make funds available up to \$400,000 per year for not more than 5 years to each area to im-

prove services for mothers and infants through such activities as early initiation of prenatal care, the establishment of referral and outreach systems, and linkages among primary, secondary, and tertiary levels of care. Activities may be restricted at the outset to local areas of a State such as a district, county, or group of counties, but the activities must be a part of the State's Maternal and Child Health Plan and extend statewide by the end of the 5-year project period.

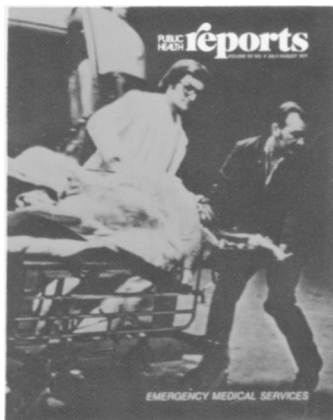
□ To augment the manpower required to deliver the needed services, the health departments of the 13 jurisdictions have been qualified as National Health Service Corps assignment areas. The 13 jurisdictions are Alabama, Arkansas, Florida, Georgia, Illinois, Louisiana, Mississippi, North Carolina, South Carolina, South Dakota, Tennessee, West Virginia, and the District of Columbia.

□ National Health Service Corps physicians can be assigned to the health departments to assist in implementing the IPO Program. The physicians will have the opportunity to participate in the administration of the Program and to practice preventive clinical medicine.

□ Also, as part of the IPO Program, we have contracted with the American Academy of Pediatrics to provide to all States, upon request, an assessment of their need and assistance in program development. A program evaluation manual is being prepared to help the Bureau assess innovative and successful individual elements of State programs that can be shared with all the States whether or not they are receiving IPO funds.

□ The Improved Pregnancy Outcome Program marks the start of an initiative which is not new but rather a concept based on old principles—regionalization, State systems, public health nursing, in-service education, quality service at all levels, and the coordination and integration of resources. Thus, the Program represents not so much a new initiative as a new opportunity, a new adventure. Implementing it in a continuing partnership with the States, we hope to promote and improve the health of the mothers and children of this country.

George I. Lythcott, MD
Administrator
Health Services Administration



Cover—The Emergency Medical Services Systems Act of 1973 has had far-reaching effects. Some of these are discussed in two papers in this issue. A set of evaluative measures and methods for collecting data to carry out the required evaluation activities appears on pages 315-321. A survey of seven prepaid group practice plans (pages 307-314) explores potential conflicts inherent in the aims of the act and the goals of the health plans. (Photo by Carl L. Howard, Ballston Lake, N.Y.)

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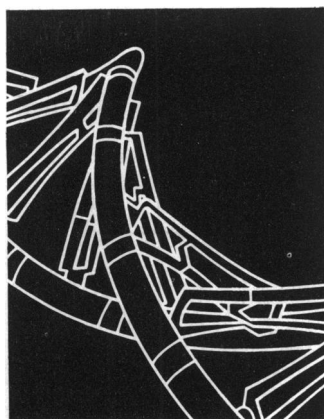
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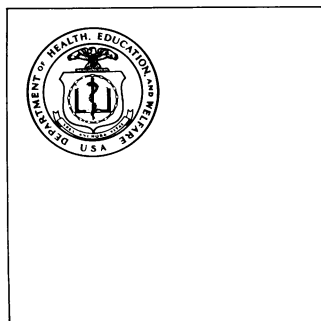
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Catalog of HRA Publications

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Produced through the Linotron process (computerized typesetting), the catalog will be updated periodically to add new publications and delete those that are out of date or no longer available.

1977 AMA Congress on Occupational Health

■ The 37th annual American Medical Association (AMA) Congress on Occupational Health will be held Sept. 19-20, 1977, at Stouffer's Riverfront Towers in St. Louis, Mo.

This 2-day meeting, cosponsored by the National Institute for Occupational Safety and Health, is open to all health professionals but is of particular interest and help to part-time occupational physicians. Concurrent sessions will cover health programs for special employee groups, work stress and job performance, the vital role of the occupational health nurse, toxic substances in industry, emergency medical/disaster planning, and many other topics.

The congress provides 12 hours of Category I credit toward the AMA Physician's Recognition Award. The registration fee is \$40. For further information, contact Department of Environmental, Public, and Occupational Health, American Medical Association, 535 North Dearborn Street, Chicago, Ill. 60610 (phone 312/751-6526).

Courses in biohazard containment and control. The University of Minnesota School of Public Health, under a contract from the National Cancer Institute's Office of Research, is again conducting laboratory safety training courses.

Biohazard and Injury Control in the Biomedical Laboratory, which is designed for senior technicians and scientists working in fields related to cancer virology and consists of lectures and workshops, will be held November 1-3, 1977, at the University of Alabama, Birmingham. A 2-day course without workshops will be held December 13-14 at the National Institutes of Health, Bethesda, Md.

Biohazard Containment and Control for Recombinant DNA Molecules is aimed at principal investigators, scientists, and senior technicians working with genetic recombinants and is a combination of lectures, workshops, and laboratory demonstrations on the specific potential of hazards involved in this research. The course will be held September 7-8, 1977, at the Frederick Cancer Research Center, Frederick, Md.

The courses are tuition-free; participants pay only for travel and living expenses. Enrollment is limited, and early application is recommended.

For additional information on a course, contact Donald Vesley, PhD, Associate Professor, School of Public Health, 1158 Mayo Memorial Bldg., 420 Delaware St., SE, University of Minnesota, Minneapolis, Minn. 55455, telephone 612/373-5943 (specifying complete name of the course).

Training course in maternal and child health. The University of California School of Public Health, Berkeley, has announced the availability of training opportunities in the field of maternal and child health, and applications are being received for September 1978. Tax-exempt fellowships are available.

Training courses include: general maternal and child health, health of the school age child, adolescence, handicapped children, maternal health and family planning, perinatology, and comprehensive care (ambulatory pediatrics).

Inquiries about the courses should be sent to Dr. Helen M. Wallace, Professor of Maternal and Child Health, University of California School of Public Health, Berkeley, Calif. 94720.

Seminars on air pollution control and water quality engineering sponsored by Vanderbilt University. A seminar on "Meteorology and Air Pollution Control: New Concepts and Developments" will be held August 22-25, 1977. Lecture sessions will be at the School of Engineering, Vanderbilt University. The seminar is presented for engineers and professional personnel responsible for the design of facilities for the control and monitoring of air pollutants. Dispersion of pollutants into the atmosphere requires the use of a stack, and the seminar will present the basic meteorological information and the mathematical models that apply to the design of an appropriate one. Use of these models in devising meteorological intermittent control systems will be discussed. Computer programs prepared by the U.S. Environmental Protection Agency using these models will be reviewed. The registration fee for this seminar (including all preprinted material) is \$300.

A seminar on "Process Design in Water Quality Engineering: New Concept and Developments" will be held November 28-December 2, 1977. The seminar will be held at the Holiday Inn-Vanderbilt in Nashville, Tenn. Its objective is to present the most up-to-date detailed procedures for use in the design of unit operations and of processes currently in use in waste treatment schemes. The seminar is designed to present the design procedures in sufficient detail so that they can immediately be put into practice in producing or reviewing actual designs. The registration fee (including all preprinted material) is \$375.

Both seminars are sponsored by the Department of Environmental Engineering and Policy Management and the Center for Environmental Quality Management of Vanderbilt University. For further information, contact Prof. W. W. Eckenfelder, Vanderbilt University, Box 6222, Sta. B., Nashville, Tenn. 37235.

FEDERAL

Predicting Adolescent Drug Abuse: A Review of Issues, Methods, and Correlations. Edited by Dan J. Lettlevi. *DHEW Publication No. (ADM) 76-299*. 1977; 361 pages; \$4.90 (Stock No. 1724-00496).

Preventing Environmentally-Related Diseases. *DHEW Publication No. (NIH) 76-1071*. 1976; 40 pages.

Final Reports of the National Cancer Institute Ad Hoc Working Groups on Mammography Screening for Breast Cancer and a Summary Report of the Joint Findings and Recommendations. *DHEW Publication No. (NIH) 77-1400*. March 1977. Office of Cancer Communications, National Cancer Institute, Bethesda, Md. 20014.

The Mean Active Bone Marrow Dose to the Adult Population of the United States from Diagnostic Radiology. By B. Shleien, T. T. Tucker, and D. W. Johnson. *DHEW Publication No. (FDA) 77-8013*. January 1977; 36 pages.

Vital Statistics of the United States, 1973. Vol. 1. Natality. *DHEW Publication No. (HRA) 77-1113*. 1977; \$7.70 (Stock No. 017-022-00527-1).

Use of Selected Medical Procedures Associated With Preventive Care, United States, 1973. *DHEW Publication No. (HRA) 77-1538, Series 10, No. 110*. March 1977; 51 pages; \$1.15 (ISBN 0-8406-0078-X).

Skeletal Maturity of Youths 12-17 Years, United States. *DHEW Publication No. (HRA) 77-1642, Series 11, No. 160*. November 1976; 91 pages; \$1.55 (ISBN 0-8406-0070-4).

Inpatient Utilization of Short-Stay Hospitals by Diagnosis, United States, 1973. *DHEW Publication No. (HRA) 77-1776, Series 13, No. 26*. October 1976; 73 pages; \$1.45 (ISBN 0-8406-0072-0).

Preventive and Community Medicine in Primary Care. A conference sponsored by the John E. Fogarty International Center for Advanced Study in the Health Sciences and the Association of the Teachers of Preventive Medicine. Edited by William H. Barker. *DHEW Publication No. (NIH) 76-879*. Fogarty

International Center Series on the Teaching of Preventive Medicine, Vol. 5, 1976; 125 pages; \$4.90 (Stock No. 017-053-00051-5).

The British National Health Service. Conversations with Sir George E. Godber. A publication of the Geographic Health Studies Program, John E. Fogarty International Center for Advanced Study in the Health Sciences. *DHEW Publication No. (NIH) 77-1205*, 1977; 159 pages; \$1.80.

Modulation of Host Immune Resistance in the Prevention or Treatment of Induced Neoplasias. A conference sponsored by the Virus Cancer Program, National Cancer Institute, and the John E. Fogarty International Center for Advanced Study in the Health Sciences. Edited by Michael A. Chivigos. *DHEW Publication No. (NIH) 77-893*. Fogarty International Center Proceedings No. 28. 1977; 396 pages; \$8.30 (Stock No. 017-053-00048-5).

Federal publications listed are obtainable from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Orders should be accompanied by check or money order and should identify the publication. (Publications without prices may be obtained from the agency.)

WORLD HEALTH ORGANIZATION

Guide to the Collection and Transport of Virological Specimens (including chlamydial and rickettsial specimens). By C. R. Madeley (ISBN 92 4 154055 9). 1977; 40 pages; \$4.20; Geneva. (Also available in French.)

Legislative Action to Combat Smoking Around the World. A Survey of Existing Legislation (ISBN 92 4 169273 1). Offprint from *International Digest of Health Legislation, Vol. 29, No. 3*. 1976; 28 pages; \$2.40; Geneva. (Also available in French.)

Cancer Incidence in Five Continents, Vol. 3. Edited by J. Waterhouse, C. Muir, P. Correa, and J. Powell. *IARC Publication No. 15 (International Agency for Research on Cancer, Lyon, France)*. 1976; 584 pages; \$40; Geneva.

Histological Typing of Intestinal Tumours: International Histological Classification of Tumours, No. 15. By B. C. Morson in collaboration with L. H. Sobin and pathologists in 17 countries. (ISBN 92 4 176015 X). 1977; 69 pages, including 134 colour transparencies; \$86, book only—\$32. (French, Spanish, and Russian editions in preparation.)

Family Formation Patterns and Health: An international collaborative study in India, Iran, Lebanon, Philippines, and Turkey. Edited by A. R. Omran and C. C. Standley (ISBN 92 4 156053 3). 1976; 562 pages; \$20; Geneva.

World Health Organization Statistics Annual, Vol. 3, 1973-1976: Health Personnel and Hospital Establishments. (ISBN 92 4 067763 1). 1976; 340 pages; \$19.20; Geneva; (English-French).

International Classification of Diseases for Oncology (ICD-0). First edition. (ISBN 92 4 154056 7) 1976; 131 pages; \$8; Geneva.

Report of the Regional Director, July 1975 to June 1976. (Eur RC 26-2) *World Health Organization, Regional Office for Europe, Copenhagen*. 1977; 102 pages.

An Environmental Sanitation Plan for the Mediterranean Seaboard: Pollution and Human Health. By J. Brisou. *Public Health Papers, No. 62*, 1976; 96 pages; \$4. (French, Spanish, and Russian editions in preparation.)

Biological Standardization. Report of a WHO Expert Committee. *WHO Technical Report Series No. 594* (ISBN 92 4 123594 6). 1976; 84 pages; Geneva. (Also published in French and Spanish.)

New Trends and Approaches in the Delivery of Maternal and Child Care in Health Services. Sixth report of the WHO Expert Committee on Maternal and Child Health. *WHO Technical Report Series No. 600* (ISBN 92 4 13066 4). 1976; 98 pages; \$4.80; Geneva. (French, Russian, and Spanish editions in preparation.)

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

NON-FEDERAL

Drinking on the Job. The \$15-Billion Hangover. By Jules Saltman. *Public Affairs Pamphlet No. 544.* February 1977, 28 pages; 50 cents. *Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.*

Health Care in the Soviet Union and Eastern Europe. By Michael Kaser. 1976; 278 pages; \$30. *Westview Press, 1898 Flatiron Court, Boulder, Colo. 80301 (ISBN 0-89158-604-0).*

Group Medical Practice in the U.S., 1975. 1977; \$15. *American Medical Association, 535 North Dearborn St., Chicago, Ill. 60610.*

Physician Distribution and Medical Licensure in the U.S., 1975. 1977; \$12. *American Medical Association, 535 North Dearborn St., Chicago, Ill. 60610.*

Cancer Mortality Trends in Northeast Ohio, 1957-1974. By Jerome I. Bavancik, Sara M. Debanne, Barbara Chatterjee, Su-Ann Jaffe, Niranjana Rao, Wasima Rida, and Pat Madigan. November 15, 1976; 89 pages; \$10. *The Cancer Center,*

Inc., 11000 Cedar Ave., Cleveland, Ohio 44100.

Comprehensive HPRS Report. Services, Expenditures, and Programs of the State and Territorial Health Agencies, Fiscal Year 1975. *ASTHO-HPRS Publication No. 37.* March 1977; 220 pages. Ronald E. Whorton, Director, *ASTHO-HPRS, 1555 Connecticut Ave., NW, Washington, D.C. 20036.*

Looking In: One's Personal Health Values. By Donald A. Read. 1977; 119 pages. *Prentice-Hall, Inc., Englewood Cliffs, N.J. 07632 (0-13-540484-3).*

Toward the Establishment of Health Research Priorities: An Estimate of the Economic Burden of Ill-Health. A study for the Ontario Council of Health. By R. D. Fraser, R. A. Spasoff, M. G. Prime, and research staff, *Ontario Ministry of Health, 10 Wellesley St., East, Toronto, Ontario.*

Sanitarian's Handbook. Theory and Administrative Practice for Environmental Health. By Ben Freedman. 4th Edition.

1977; 1413 pages; \$69.50; *Peerless Publishing Co., P.O. Box 30187, New Orleans, La. 70190.*

Changing Roles in Social Work Practice. Edited by Francine Sobe. June 1977; \$12.50 cloth, \$6.95 paper. *Temple University Press, Philadelphia, Pa. 19122.*

New Concepts of Health. Proceedings of the 12th annual meeting of the Society of Prospective Medicine. 1977; 120 pages; \$10, 5 or more copies \$7 each. *Health and Education Resources, 9650 Rockville Pike, Bethesda, Md. 20014.*

Doing Better and Feeling Worse. Health in the United States. (Opinions of 20 physicians, economists, and political and social scientists about health and medical care in the United States.) Edited by John H. Knowles. 1977; 287 pages; \$9.95. *W. W. Norton & Company, Inc., 500 Fifth Ave., New York, N.Y. 10036.*

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