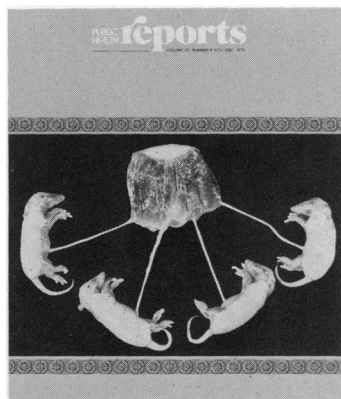


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Cover—Placenta of nine-banded armadillo with identical quadruplets. Armadillos regularly give birth to such genetically identical quadruplets, and this characteristic has led researchers to use them in studies seeking to determine whether there is a genetic basis for susceptibility to leprosy. For a report on the contribution of armadillos to leprosy research and on the status of that research in general, see pages 483-485.



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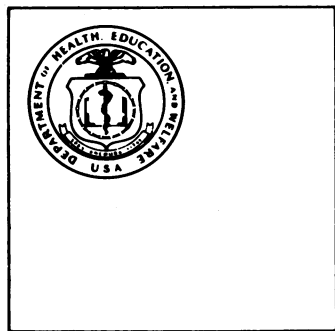
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U.S. Department of Health,
Education, and Welfare
Public Health Service
Health Resources Administration

■ A collaboration between the governments of Canada and the United States will result in the launching of a Communications Technology Satellite (CTS) in December 1975. After several months of testing and adjustment, this satellite will be available 3 days a week to each country for experimental application to a variety of communications problems.

Acting as technical coordinator and facilitator on behalf of the health community, the Lister Hill National Center for Biomedical Communications of the National Library of Medicine has tentatively requested 9 hours per week for health-related applications of this unique communications system.

The satellite will be capable of blanketing the entire continental United States from its stationary position over the equator. It will have two movable "footprints," each of which can cover approximately one-third of the nation at a time. The satellite will permit bidirectional audiovisual connections between ground terminals.

The Lister Hill center plans to install several stationary ground stations at

hospitals and other appropriate facilities and to install at least one mobile station in a motor van. From these ground stations, it will be possible to interconnect with surface communications systems, thus expanding the potential audience.

Possible applications of the satellite to health are many, including public and professional education, communication of research results, teleconferencing, and remote professional consultation. In all cases, uses of the system will be experimental. One important objective of the experiments will be to compare the efficiency and cost-effectiveness with alternative systems. Federal health agencies and their constituents in the private sector will be responsible for the choice and development of program content. Planning for utilization of the system is now in progress. More detailed information may be obtained from Earl Henderson, Chief, Communications Engineering Branch, Lister Hill Center for Biomedical Communications, National Library of Medicine, Bethesda, Md. 20014.

Method to Test Toxic Effects Of Diethylstilbestrol On Unborn Animals

■ Scientists at the National Institute of Environmental Health Sciences (NIEHS), Research Triangle Park, N.C., have devised a method for testing the toxic effect of DES (diethylstilbestrol), a synthetic hormone, on unborn animals.

The latent appearance of previously rare genital tract tumors in young women whose mothers were given DES during gestation has recently been reported. During the 1950s and 1960s, a number of women who were having difficulties with their pregnancies were given the drug to keep them from aborting.

The NIEHS investigators, using mice in their experimental model, are trying to determine how and when damage to the offspring of DES-treated mothers occurs. The experiment should be useful in studying the factors associated with transplacental carcinogenesis, and it is hoped, may help investigators find predictive indicators of cancer.

Very early ovaries can be removed from unborn mice and grown in culture. Some of the ovaries are then traced through the normal process of develop-

ment and studied to see how changes occur when there is no interference. Other fetal ovaries are exposed to DES in vitro to determine what changes in cell development occur.

In studies to date of live mice exposed to DES, visible abnormalities in the whole animal have been found. Their offspring appear to both grow normally and reach puberty normally. There is some evidence, however, that reproductive tract lesions may be produced in male as well as female offspring of mice following DES exposure during gestation. Work will continue to determine whether the male offspring of DES-treated mothers may be at risk.

Although DES generally has been discredited as a method for preventing abortion, it has been found to be an effective postcoital contraceptive and has been approved by the Food and Drug Administration for use in emergencies. A proposed legislative moratorium on this use was opposed by Health, Education, and Welfare Secretary Caspar Weinberger.

education notes

Announcements for publication should be forwarded to *Public Health Reports* 6 months in advance of the deadline date for application for admission or financial aid, whichever is earlier.

Issues in current and emerging health legislation. A course which has been designed to give health professionals current information on health legislation will be offered by the John Hopkins School of Hygiene and Public Health Feb. 25-26, 1976. Entitled "Issues in Current and Emerging Health Legislation," this continuing education course is open to all professionals in health and related fields who are interested in updating their knowledge in this area.

The course will include occupational health and safety legislation and legislation related to the environment. The issues and mechanisms of quality assurance will also be explored. The course director will be Arthur Bushel, DDS, MPH, professor and chairman of public health administration at the school.

For information contact Program Coordinator, Office of Continuing Education, Thomas B. Turner Auditorium, 720 Rutland Ave., Rm. 17, Baltimore, Md. 21205 (301: 955-3168/9). Tuition: 1 day \$60, both days \$110; group rates offered Government agencies.

Doctoral program in social work and social science. The University of Michigan is offering an interdepartmental doctoral program combining social work with economics, political science, psychology, or sociology. The program is designed to prepare persons for leadership positions in teaching, research, policy, and administration in the social welfare field. It does not afford advanced training in practice skills per se.

A bachelor's degree is required, and the applicant must be working toward, or

ERRATUM

In "Early Detection of Conditions Leading to Emphysema," a short report which appeared in *Public Health Reports*, May-June 1975 issue, page 280, the photographs depicting a normal lung and one with emphysema were inadvertently reversed. The lung pictured on the left is diseased while the one on the right is healthy.

already hold, a Master of Social Work degree or be engaged in graduate work in a social science. Applications received by February 1, 1976 will be acted on by April 1, 1976.

For further information and application forms, write Doctoral Program in Social Work and Social Science, University of Michigan, School of Social Work, 1065 Frieze Bldg., Ann Arbor, Mich. 48104.

Fellowships available in Sweden and Switzerland. The Swedish Medical Research Council and the Swiss National Science Foundation will each offer three research fellowships in 1976 to qualified biomedical scientists, the Fogarty International Center of the National Institutes of

Health has announced. The 1-year fellowships will provide postdoctoral training in basic or clinical research.

Candidates for the grants must be American citizens, have been engaged in independent research at least 2 of the last 4 years, present evidence of aptitude and promise in the basic sciences or clinical research, have an active interest in pursuing a health research career, and provide evidence of acceptance by a training institution and preceptor.

The recipients will be required to start their fellowships within 10 months of their late spring 1976 award. Stipends for the Swedish grants range from \$10,000 to \$13,600 per year. The Swiss grants range from

\$9,533 to \$11,627 per year, plus \$1,560 for a spouse and \$470 for each child.

Further information and application forms are available from Dr. Eugene L. Walter, Jr., Fogarty International Center, NIH, Bethesda, Md. 20014. Correspondence should be clearly marked either "Swedish Medical Research Council Fellowship" or "Swiss National Science Foundation Fellowship."

1976 Continuing Education Program. The Columbia University School of Public Health has announced the courses in continuing education that are currently scheduled for 1976. Most of the classes will be held at the school. Tuition and stipend support for some courses may be available through the Public Health Service for persons who cannot receive support from their agency. Contact the Continuing Education Program for information on availability. Some courses offer continuing education credit to satisfy State or professional association requirements.

Training courses at the Center for Disease Control 1976. In the first half of 1976, the Center for Disease Control (CDC) is offering the following course on some aspect of disease control or prevention, listed with the coordinating office of CDC, dates, title, and fee. Because of varying requirements governing admission to courses, the appropriate office within the Center should be contacted for further information. The Center also requests registration well before courses are scheduled to begin.

Coordinating Office—Training Office, Laboratory Training Branch, Bureau of Laboratories.

- March 1-4—Basic laboratory methods in the detection of hemoglobinopathies, no fee.
- March 1-5—Qualitation and quantitation of immunoglobins, \$130.
- March 1-12—Fluorescent antibody methods in the diagnosis of syphilis, \$260.
- March 9-12—Continuous flow analysis, \$104.
- March 9-12—Microbiology of the hospital environment, \$104.
- March 15-19—Current laboratory methods in the diagnosis of syphilis, \$130.
- March 15-26—Laboratory methods in virology, \$260.
- March 15-26—Basic laboratory methods in enteric bacteriology, \$260.
- April 5-30—Laboratory methods in medical parasitology (Part 1—Intestinal parasites), \$520.
- April 16-23—Basic laboratory techniques in cell culture, \$156.
- April 19-21—Management of scientific services for public health laboratories, \$85.
- April 21-23—Laboratory methods for the diagnosis of gonorrhea, \$78.
- April 26-30—Laboratory screening for drugs of abuse, \$130.
- May 3-14—Laboratory methods in medical parasitology (Part 2—Blood parasites), \$260.
- May 10-20—Serodiagnosis of mycotic diseases, \$234.
- May 17-21—Human blood cell morphology: advanced, \$130.
- May 24-28—Clinical microbiology in control of nosocomial infections, \$130.
- June 14-25—Laboratory methods in anaerobic bacteriology, \$260.

Coordinating Office—Office International Services. (Courses for health professionals from countries other than the United States.)

June 14-July 2—Epidemiology and public health administration in disease control.

Coordinating Office—Bureau of Training.

Jan. 19-23—Principles of epidemiology, \$125.

Coordinating Office—Bureau of Tropical Diseases.

- March 8-12—Control of mosquito-borne diseases, \$125.*
- April 5-16—Collecting, culturing, and classifying mosquitoes of public health importance, \$250.
- May 3-7—Ecology and control of arboviruses causing human diseases, \$125.*
- June 7-18—Epidemiology and control of vector-borne diseases (Part 1—Basic vector-borne disease control), \$250.
- June 21-25—Epidemiology and control of vector-borne diseases (Part 2—Advanced epidemiology and ecology of vector-borne diseases), \$125.

All the preceding courses except ones marked with an asterisk will be held at CDC headquarters in Atlanta. Control of mosquito-borne diseases will be held in Savannah, Ga, and Ecology and control of arboviruses causing human diseases will be held in Fort Collins, Colo. For further information, contact the appropriate coordinating office at the center for Disease Control, Atlanta, Ga., 30333 (telephone 404: 633-3311).

Coordinating Office—National Institute for Occupational Safety and Health.

A separate announcement of training courses offered by the National Institute for Occupational Safety and Health can be obtained by contacting the Institute's headquarters, 5600 Fishers Lane, Rockville, Md. 20852 or the Institute's Division of Training, Room 9503, Federal Office Bldg., 550 Main St., Cincinnati, Ohio 45202.

- Feb. 16-18, 9-5 daily The Expanding Responsibility of the Health Educator. Tuition \$135. Registration \$10.
- Mar. 8-11, and 15-17 9-5 daily Health Promotion Through Education: Merging Process and Content. Tuition \$315. Registration \$10.
- Mar. 29, Apr. 26, May 24, 9-5 daily The Hospital as an Educational Institution. Tuition \$135. Registration \$10.
- Apr. 5-9, and 9-23, 9-5 daily An Introduction to Public Health. Tuition \$450. Registration \$10.
- 2-day lecture discussion course (dates to be announced) Strengthening the Commitment to Improved Health Services: National Planning and Resource Development. Tuition \$90. Registration \$10.

For a pamphlet about these courses and further information, contact Continuing Education, Columbia University School of Public Health, 21 Audobon Ave., Room 305, New York, N.Y. 10032 (phone 212:568-4334), giving name of your organization and mailing address.

Graduate studies in health care organization.

The Department of Health Care Organization at the Johns Hopkins University School of Hygiene and Public Health offers individualized programs of graduate education in the fields related to organization, administration, policy analysis, and research in the personal health care services. Openings in the 1976-77 academic year will accommodate a limited

number of selected scholars at the master, doctoral or postdoctoral levels.

The study programs are designed to prepare the participants for positions in which administrative, analytic, and investigative skills will be needed to formulate health care policy, improve health care systems, and promote the efficiency and effectiveness of personal health care services. Applicants should present strong academic backgrounds in one or more of the behavioral, biological, clinical, mathematical, physical, political, or social sciences. Practical experience in the administration, analysis, evaluation, or provision of personal health care services is advantageous. Motivation and the capability for advanced and independent scholarship are required.

For further information and application forms, write Philip D. Bonnet, M.D., Chairman, Department of Health Care Organization, School of Hygiene and Public Health, Johns Hopkins University, 615 North Wolfe St., Baltimore, Md. 21205.

Workshop on graduate education in nursing. The National League for Nursing will hold a workshop on March 1-3, 1976, in Dallas, Tex., to discuss factors influencing curriculum development in graduate nursing education programs. Among the factors to be discussed are the impact of changing times, new methodologies, and new media, along with any special problems or questions on the subject that workshop participants may have.

The league will grant 1 CEU for 10 hours of attendance and one-tenth CEU for each hour above that. The fee is \$60 for a league member and \$100 for a nonmember. Registration forms may be obtained from the National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Conference on environmental effects of dredging. The environmental effects of dredging will be discussed by representatives of government, academic, and private interests at a conference to be held in Mobile, Ala., January 26-28, 1976. The conference, sponsored by the Task Committee of the Hydraulics Division of the American Society of Civil Engineers, will attempt to identify a rational approach to the control of dredging activities by providing a forum for the exchange of information and ideas. Emphasis will be on assessing the present state of knowledge about ways to evaluate the environmental effects of dredging.

Further information about the conference and registration is available from Col. Drake Wilson, Chairman, Local Arrangements Committee, Corps of Engineers, P.O. Box 2288, Mobile, Ala. 36628.

publications

FEDERAL

Sickle Cell Screening and Education Clinics. *DHEW Publication No. (HSA) 75-5138. 1975; folder.*

Children Served in Mental Retardation Clinics, Fiscal Year 1973. *MCH Statistical Series No. 9. DHEW Publication No. (HSA) 76-5806. 1975; 16 pages.*

Gonad Shielding in Diagnostic Radiology. *DHEW Publication No. (FDA) 75-8024. Revised June 1975; 20 pages.*

Changes in Radiofrequency E-Field Strengths Within a Hospital During a 16-Month Period. *DHEW Publication No. (FDA) 75-8032. April 1975; 57 pages.*

A Standard Technique for Estimating Patient Exposure From Photofluorographic X-ray Machines. *By Neil A. Gaeta and Bruce M. Burnett. DHEW Publication No. (FDA) 75-8007. April 1975; 14 pages.*

National Institutes of Health Annual Report of International Activities, Fiscal Year 1974. *Prepared by John E. Fogarty International Center for Advanced Study in the Health Sciences. DHEW Publication No. (NIH) 75-62. 1975; 115 pages.*

Proceedings of the First National Symposium on Sickle Cell Disease, Washington, D.C., June 27-29, 1974. *Edited by John I. Hercules, Alan N. Schechter, William A. Eaton, and Rudolph E. Jackson. DHEW Publication No. (NIH) 75-723. 1975; 413 pages.*

Long-Term Care Facility Improvement Study: Introductory report. *DHEW Publication No. (OS) 76-50021. July 1975; 137 pages.*

National Center for Health Statistics

Distribution and Properties of Variance Estimators for Complex Multistage Probability Samples. An empirical distribution. *DHEW Publication No. (HRA) 75-1339, Series 2, No. 65. March 1975; 46 pages; \$1.10 (Stock No.: HE 20.2210:2/65).*

Acute Conditions. Incidence and Associated Disability, United States, July 1972-June 1973. *DHEW Publication No. (HRA) 75-1525, Series 10, No. 98. January 1975; 68 pages; \$1.10 (Stock No.: HE 20.2210:10/98).*

Self-Reported Behavior and Attitudes of Youths 12-17 Years, United States. *DHEW Publication No. (HRA) 75-1629, Series 11, No. 147. April 1975; 88 pages; \$1.45 (Stock No.: HE 20.6209:11/47).*

Federal publications listed are

available 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 fully identify the publication. (Publications listed without prices may be obtained from the agency.)

The following publications are available from the National Technical Information Service, Springfield, Va. 22151. Most publications listed are available in microfiche for \$2.25. (Please use identification number when ordering NTIS publications.)

A Study of Student Finance in Nursing Education: An Analysis of the Results of a Student Survey Conducted in 1969-70. *180 pages; \$7 (PB 240795/AS).*

A Directory of Programs Training Physician Support Personnel, 1974-75. *29 pages; \$3.75 (PB-241 146/AS).*

Federal Employees Health Benefits Program: Utilization Study. *By Donald C. Riedel, et al. January 1975; 146 pages; \$5.75 (PB-241 274).*

An original Comparative Economic Analysis of Group Practice and Solo Fee-for-Service Practice: Final report: Analyses from the Seventh Periodic Survey of Physicians. *January 1974; 678 pages; \$15.25 (PB-241 546).*

Social Networks and Health Care Consumership: Applications of health service utilization. *By Jeffrey C. Salloway. 1974; \$5.25 (PB-242 202).*

A Markov Chain Model for Projecting the Patient Population for the Northwest Kidney Center (Seattle). *By Donovan J. Thompson. \$4.25 (PB-242 021).*

Financing of Catastrophically Expensive Health Care. Vol. I. *By Arthur D. Little, Inc. 1975; \$7.25 (PB-242 027). Vol I and Vol. II set \$11. (PB-242 026).*

Financing of Catastrophically Expensive Health Care. Vol. II. Appendixes. *1975; \$5.25 (PB-242 028).*

Telemetry Utilization for Emergency Medical Services Systems. *By Harold E. Smalley. 1974; \$4.75 (PB-242 083).*

Ambulance Placement Strategies for Emergency Medical Systems; A Programmed Planning Guide. *By Harold E. Smalley. 1974; \$5.75 (PB-242 084).*

Measures of Perceptions Regarding Health Status: Preliminary Findings. By John E. Ware, Jr., W. Russell Wright, and Mary K. Snyder. 1974; 96 pages; \$4.75 (PB-242 726).

An Assessment of the Kinds of Measures (and Their Availability) Required to Determine the Impact of Categorization on Hospital Finance. By Rudolph Marches and Phyllis F. Evans. 1975; \$4.25 (PB-242 743).

The Nursing Home Simulation Model: A Policy Tool for Long-Term Care. Executive summary. By Joyce Lashoff et al. 1974; \$4.25 (PB-242 766).

Inter-Organizational Competition and Cooperation: The Hospital Blood System in Chicago. By Robert Perrucci, Bertha E. Bryant, and Marcus T. Dodge. 1974; \$4.24 (PB-243 030).

Health Occupations Training Programs Administered by Hospitals. 1973; \$12 (PB-243 109).

A Statewide Plan to Train Emergency Medical Technicians. 157 pages; \$6.25 (PB-243 110).

Women in Health Careers. By Maryland Pennell and Shirlene Showell. 1975; 147 pages; \$6.25 (PB-243 111).

A Curriculum Guide for Occupational Therapy Educators. 1974; 118 pages; \$5.25 (PB-243 119).

Equivalency Testing for Allied Health Manpower in Maryland. \$5.25 (PB-243 130).

Survey of Health Professions Education as They Relate to Longitudinal Research Methodology. By John R. Graham and Shirley M. Joiner. 1974; 163 pages; \$6.25 (PB-238 187).

Demonstration and Evaluation of a Systems Designed Approach to Development of the Staff for a Health Maintenance Organization. by Archie S. Golden. 1974; 48 pages; \$4.25 (PB-238 305).

North Carolina Region D Health Maintenance Project. By Fergus Pope. 1974; \$4.25 (PB-239 174).

The Measurement of Health Concepts. By J. E. Ware, et al. 68 pages; \$4.25 (PB-239 508).

Comparison of Factor Analytic Methods in the Development of Health Related Indexes from Questionnaire Data. By J. E. Ware, Jr., W. G. Miller, and M. K. Snyder. 63 pages; \$4.25 (PB-239 517).

A Study of Twenty-Two Hypothesized Dimensions of Patient Attitudes Regarding Medical Care. By Mary K. Snyder and John E. Ware, Jr. March 1974; 70 pages; \$4.25 (PB-239 518).

Measurement of Health as a Value: Preliminary Findings Regarding Scale Reliability, Validity, and Administration Procedures. By J. E. Ware, J. A. Young, M.

K. Snyder, and W. R. Wright. March 1974; 63 pages; \$4.25 (PB-239 616).

A Pilot Study and Experimental Directory: Health Career Training Programs in the New England States, 1970-71. 550 pages; \$13 (PB-239 753).

Development of Bloodmobile Planning Procedure. By C. Carl Pegels and John P. Seagle. 1975; \$5.25 (PB-239 887).

Experimental Health Services Delivery System Family Health Survey: Codebook for the Household Health Survey. 1975; \$97.50 domestic, \$122.50 foreign (PB-240 274).

Ambulatory Care and Management Science: A Cumulative Bibliography and Analysis 1960-1974. By Stephen D. Roberts, et al. 1974; \$6.25 (PB-240 533).

A Bi-Directional Cable Television System to Support a Rural Group Practice. By John D. Wempler, et al. 1975; \$10.25 (PB-240 562).

Consolidation of Clinical Laboratory Facilities: An Evaluation, Part one and Part two. By James P. Cooney, Jr., and James R. Stith. 1974; \$7 (PB-240-629).

Alabama Medex Program Follow-Up Evaluation. by Walter B. Fromeyer, Jr., et al. 1973; \$4.25 (PB-240 633).

Analysis of 1974 State Health Manpower Licensure Legislation; A Review of Trends and Innovative Proposals in Health Manpower Credentialing. By Anne Mahringer, Nathan Hershey, and Jean Rabinow. 1975; \$15.25 (PB-240 665).

On-Line Medicaid Billing System for Physicians' Services. By Emanuel Mesel, David D. Wirschaftler, Diane M. Ramsey-Klee. 1974; \$5.25 (PB-240 769).

Allied Health Education Programs in Senior Colleges, 1971. 499 pages; \$12.25 (PB-243 361).

Osteopathic Physicians in the United States. A report on a 1971 survey. By Marion Attenderfer. 1975; 41 pages; \$3.75 (PB-243 439).

Study of the Medical Assistant Career Field. \$8.75 (PB-243 723).

Allied Health Geographic Mobility Study. A pilot study. \$4.75 (PB-243 741).

A Project to Delineate the Roles, Functions, and Responsibilities of Physical Therapy Support Personnel and to Prepare a Test and Testing Procedure for Physical Therapy Assistants. \$3.25 (PB-243 742).

Three-University Study of Manpower in Anesthesia. By J. S. Gravenstein, J. E. Steinhaus, and P. P. Volpitto. \$3.75 (PB-243 797).

Reports on Retraining Medical Technologists. \$4.25 (PB-243 798).

Feasibility of Retraining Displaced Aerospace Personnel into the Allied and Public Health Occupations. By Klaus W. Lindenberg. \$4.25 (PB-243 799).

List of Suggested Subjects for Research in Dental Economics. A product of the First National Dental Economics Research Conference, Atlanta, Ga., February 26-28, 1974. By William E. Spencer, Frank M. Holz, and B. Jerald McClendon. 1975; \$3.25 (PB-243 800).

A Curriculum Guide for Occupational Therapy Educators. Final report. By Gail S. Fidler. 1974; 7 pages; \$3.25 (PB-243 801).

Report on Camp Concern. \$3.75 (PB-243 802).

Delineation—the Physical Therapy Assistant. A report of the advisory body for the Project on Physical Therapy Support Personnel. Attachment I to: A project to delineate the roles, functions, and responsibilities of physical support personnel and to prepare a test and testing procedures for physical therapy assistants. \$4.75 (PB-243 803).

WORLD HEALTH ORGANIZATION

Ecology and Control of Vectors in Public Health. Twenty-first report of the WHO Expert Committee on Insecticides. *Who Technical Report Series No. 561.* 1975; 35 pages; Geneva.

Guidelines for Evaluation of Drugs for Use in Man. Report of a WHO Scientific Group. *WHO Technical Report Series No. 563.* 1975; 59 pages; Geneva.

Organization of Mental Health Services in Developing Countries. Sixteenth Report of the WHO Expert Committee on Mental Health. *WHO Technical Report Series No. 564.* 1975; 40 pages; Geneva.

Viral Hepatitis. Report of a WHO Meeting. *WHO Technical Report Series No. 570.* 1975; 51 pages; Geneva.

Methods Used in the USSR for Establishing Biologically Safe Levels of Toxic Substances. Papers presented at a WHO meeting held in Moscow from 12 to 19 December 1972. 1975; 171 pages; Geneva.

Primary Pulmonary Hypertension. Report of a WHO Meeting, Geneva, 15-17 October 1973. Edited by Shuichi Hatano and Toma Strasser. 1975; 45 pages; Geneva.

Community Wastewater Collection and Disposal. By Daniel A. Okun and George Ponghis. 1975; 287 pages; Geneva.

Fifth Report on the World Health Situation, 1969-1972. *Official Records of the World Health Organization No. 225.* 1975; 322 pages; Geneva.

Manual on Practical Entomology in Malaria. Part I. Vector Bionomics and Organization of Anti-Malaria Activities. Prepared by the WHO Division of Malaria and Other Parasitic Diseases. *WHO Offset Publication No. 13.* 1975; 160 pages; Geneva.

Manual on Practical Entomology in Malaria. Part II. Methods and Techniques. Prepared by the WHO Division of Malaria and Other Parasitic Diseases. WHO Offset Publication No. 13. 1975; 191 pages; Geneva.

Community Water Supply and Excreta Disposal Situation in the Developing Countries. A commentary. By C. S. Pineo and D. V. Subrahmanyam. WHO Offset Publication No. 15. 1975; 41 pages; Geneva.

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- (*) Original signed article
- (CR) Conference report
- (PR) Publication review
- (SR) Short report

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