

NOTES AND NEWS

ISPO'S NEW "PROSTHETICS AND ORTHOTICS INTERNATIONAL" BEGINS PUBLICATION WITH APRIL 1977 ISSUE

The International Society for Prosthetics and Orthotics (ISPO) is publishing a new journal, *Prosthetics and Orthotics International*, three times a year. Volume 1, No. 1, appearing in April 1977, contains within its 70 numbered pages "a small number" of the more than 200 papers contributed at ISPO's First World Assembly held in Montreux, Switzerland, and subsequently revised by the authors. The journal's subject matter concerns prosthetics, orthotics, rehabilitation engineering, and associated aspects of orthopedic surgery and other rehabilitation disciplines.

Knud Jansen, M.D., in a presidential Foreword to Volume 1, No. 1, writes that the new journal may be seen as a "resuscitation" of *Prosthetics International* (originally called the *International Journal on Protheses, Braces and Technical Aids*), which ISPO published in four languages in the fifties and sixties when publication was supported by various grants. When the grants, and publication, ceased, communication was maintained by the *ISPO Bulletin*; Dr. Jansen noted that "the society is most indebted to Mr. A. Bennett Wilson, Jr., who with skill and dedication has produced the *ISPO Bulletin* through more than 5 years, "since its inception in 1972." Mr. Wilson remains chairman of ISPO's Publication Committee.

The new *Prosthetics and Orthotics International* is co-edited by John Hughes and Norman Jacobs. Mr. Hughes is Director of National Centre for Prosthetics, University of Strathclyde, Glasgow, Scotland, and is also a member of the Editorial Board.

Members of ISPO receive the journal free. Subscription rate for associate members is \$7 (U.S.A.) per annum; for others the subscription rate is \$14 (U.S.A.); single members \$5 (U.S.A.).

"THE JOINTS OF THE ANKLE" BY VERNE T. INMAN CULMINATES TWO DECADES OF STUDIES

A series of studies at the Biomechanics Laboratory of the University of California has now, after two decades, culminated in

"The Joints of the Ankle." In it Dr. Inman describes studies whose primary objective has been to "sort out the facts from the seemingly discrepant observations reported in the anatomic and clinical literature." These studies, which developed around an exhaustive and critical review of the literature, became over the last 20 years an investigation resulting in new information and concepts not previously available to orthopedists and bio-engineers.

"The Joints of the Ankle" is actually a companion monograph to a future publication, "Human Walking," which will reflect more than 30 years of investigation by the Biomechanics Laboratory. Other companion monographs are also to be expected.

Funding has come from a variety of public and private sources, including continuing financial support from the Veterans Administration beginning shortly after 1945. For support contributing specifically to "The Joints of the Ankle," Dr. Inman credits, in addition to the Federal Work Study Program, The Easter Seal Research Foundation, The Children's Bureau, and the Office of Vocational Rehabilitation, plus support for editorial, stenographic, and art work from the Social and Rehabilitation Service.

Dr. Verne T. Inman, a recipient of the Ph. D. degree in anatomy as well as the M.D. degree, was director of the Biomechanics Laboratory at the University of California, San Francisco, from 1957 to 1973. He is now Emeritus Professor of Orthopaedic Surgery at the same location.

VOCATIONAL AND EDUCATIONAL OPPORTUNITIES DESCRIBED IN BOOKLET FOR THE DISABLED

A new 36-page digest-size booklet, "Vocational and Educational Opportunities for the Disabled," for helping a disabled person find out about and take advantage of existing opportunities, is available from the INA MEND Institute. The Institute is a rehabilitation facility of the Human Resources Center in Albertson, Long Island, N.Y., and the Insurance Co. of North America. Anita Tritell, Vocational Rehabilitation Counseling Coordinator at Human Resources Center, is the author.

The booklet is fourth in a projected series which started with one entitled "General Information for the Recently Disabled." The latest in the series briefly but clearly covers the purpose and philosophy of vocational rehabilitation, describes the types of facilities that exist, and tells how a disabled person can go about securing help and guidance. There is a list of State rehabilitation agencies with addresses, and the text is sprinkled with complete addresses of alternate sources of information which helps to drive home the

message that there is always more than one way to find things out or achieve a goal. There is advice on using the phone book, and a list of the information a person should have on hand when writing or calling.

The INA MEND Institute (acronym is for Medical and Educational Needs for the Disabled) initially intended the booklets in this series to supplement its own programs, but says it made them available to the general public because of their usefulness to the disabled and their families, rehabilitation professionals and educators.

Copies of "Vocational and Educational Opportunities for the Disabled" may be obtained by writing INA MEND Institute, Human Resources Center, Dept. 33, I. U. Willets Road, Albertson, Long Island, New York 11507. The price is \$1.25 each, \$75 for 100, or \$600 for 1000.

**BRAILLE BOOK ON AMERICAN ECONOMIC SYSTEM
PREPARED BY LIBRARY OF CONGRESS**

A braille version of the booklet, "The American Economic System and Your Part in It," has been prepared by the Library of Congress for distribution to the blind. The Library is also reported to be preparing a cassette recording of the same material.

Sources of the material is the Advertising Council, Inc., a non-profit organization sponsored by the advertising industry. The Council's purpose is to harness the communication skills of the advertising field to improve the public's understanding of the role of the free enterprise system in the American economy.

The Library of Congress donated the translation. Assisting in the project is Frank Cylke, chief of the Division for the Blind and Physically Handicapped at the Library of Congress.

**ASME HONORS EUGENE F. MURPHY
WITH ELECTION TO GRADE OF FELLOW**

The American Society of Mechanical Engineers has honored Eugene F. Murphy, Ph. D., with election to the grade of fellow. Dr. Murphy is director of the Research Center for Prosthetics of the Veterans Administration where he has the responsibilities of planning, coordinating, and evaluating a nationwide program of research, development, evaluation, and education in a wide variety of prosthetics and sensory aids research. Dr. Murphy is a member of this publication's editorial board.

To qualify for advancement to the grade of fellow, ASME requires that a nominee be an engineer with “significant engineering achievements” and “outstanding contributions” to his credit. ASME’s citation notes that Dr. Murphy is “a nationally recognized authority and expert in the field of prosthetics and sensory aids for the handicapped.”

**NATIONAL ACADEMY OF ENGINEERING ELECTS
HOWARD D. EBERHART TO MEMBERSHIP**

Among the 92 new members selected by the National Academy of Engineering in the spring of 1977 is Howard D. Eberhart, M.S., Professor Emeritus of Civil Engineering, of the Biomechanics Laboratory, University of California at Berkeley. Prof. Eberhart has been well-known to the VA since 1946 for his “pioneering studies of human locomotion, application of structural engineering to prosthetic devices, and leadership of interdisciplinary engineering research,” cited by the National Academy of Engineering.

**PARALYZED HOSPITAL-DIRECTOR IS NAMED
“HANDICAPPED AMERICAN OF THE YEAR”**

Joseph J. Panzarella, Jr., M.D., was named Handicapped American of the Year by the President’s Committee on Employment of the Handicapped. He had already received two presidential citations for his work in rehabilitation, as well as the Outstanding Disabled Veteran Award from New York State, and the Physician of the Year Award presented jointly by the American Medical Association and the President’s Committee.

Dr. Panzarella, 57 years old, has multiple sclerosis and can move only his head. Nevertheless, working with the aid of an attendant, he manages to fill six positions which involve him in practicing medicine, teaching, directing the activities of institutions, and consulting. He is director of Brunswick Hospital Center, Amityville, Long Island, N.Y.; director of the Department of Rehabilitative Medicine at Franklin General Hospital, Valley Stream, Long Island; and professor of physical therapy and other subjects at New York University Postgraduate Medical School, at Nassau Community College and at Suffolk Community College. He also lectures, writes, and travels widely.

His most recent award was not only for his own achievements but also for encouragement and motivation he has imparted to others directly and by example. “Budgeting his time and adapting his duties so that he can perform them” was said to be his technique for this high level of achievement.

**UNITED NATIONS TO PROCLAIM THE YEAR 1981
"INTERNATIONAL YEAR FOR DISABLED PERSONS"**

A resolution favorably voted by the United Nations General Assembly, in its 31st session, called for an International Year for Disabled Persons to be proclaimed in 1981. "Full participation in society by disabled persons" will be the basic theme. A draft program reflecting the ideas of member states and concerned organizations was expected to be considered by the General Assembly during 1977.

The resolution establishing 1981 as the Year of the Disabled indicated the following broad range of objectives for the program:

Helping disabled persons in their physical and psychological adjustment to society.

Promoting all national and international efforts to provide disabled persons with proper assistance, training, care, and guidance, to make available opportunities for suitable work and to ensure their full integration in society.

Encouraging study and research projects designed to facilitate the practical participation of disabled persons in daily life: for example, by improving their access to public buildings and transportation systems.

Educating and informing the public of the right of disabled persons to participate in and contribute to various aspects of economic, social, and political life.

Promoting effective measures for the prevention of disability and for the rehabilitation of disabled persons.

**FOUR MORE OVERSEAS PROSTHETIC-ORTHOTIC WORKSHOPS
PLANNED BY WORLD REHABILITATION FUND**

Four new workshops, in Egypt, Indonesia, Sri Lanka and Brazil, are planned by the World Rehabilitation Fund. They will bring the number of such WRF workshops to 127 operating in 66 countries. In its first year each workshop is expected to produce more than 500 limbs and braces, using local technicians and materials. Production is expected to increase in later years.

The four latest workshop locations were announced at a 20th anniversary dinner honoring the organization's founder and president, Dr. Howard A. Rusk. Dr. Rusk founded the World Rehabilitation Fund, with Mrs. Albert Lasker and General William Donovan, in 1955. More than 3000 physicians, therapists, and other rehabilitation personnel have been trained by WRF, and the organization has helped provide more than a million prostheses and orthoses.

Initial funding for each center is said to be \$20,000, covering the cost of training technicians, permanent equipment, supplies, and WRF supervision for the first year. Host countries provide shop space and agree to provide ongoing expenses in subsequent years. Two local people from the area of each workshop are trained at one of WRF's seven regional training centers, and then are expected to indoctrinate other technicians. WRF supervision is provided for each stage of the workshop's development.

In announcing the plans for the four new prosthetic-orthotic workshops, WRF noted that the \$20,000 initial funding would be underwritten by Continental Oil Co. for the Egyptian installation; by Hoffman LaRoche for Indonesia; by the Reader's Digest Foundation for Sri Lanka; and by Becton, Dickenson & Co. for Brazil.

REHABILITATION INTERNATIONAL'S 14TH WORLD CONGRESS SET FOR JUNE 1980, IN WINNIPEG, CANADA

The "Decade of Rehabilitation" proclaimed in 1970 by Rehabilitation International will culminate in R.I.'s 14th World Congress, in June 1980. The Canadian Rehabilitation Council, an affiliate, will organize the Congress with the cooperation of the Workmen's Compensation Boards of Canada and the governments of Canada and the province of Manitoba. Goals of the "Decade" include focusing world attention on the gap between services for, and needs of, physically and mentally disabled people.

ORTHOMEDICS FELLOWSHIP AWARDED AT NYU

Robert F. Pacini, of Belle Vernon, Pennsylvania, is the 1977 recipient of the \$2500 Orthomedics Fellowship in Prosthetics and Orthotics. The fellowship is awarded annually to a student in good standing who has completed his junior year of study at New York University's School of Education, Health, Nursing, and Arts Professions.

Described as the first of its kind in these fields, the fellowship established by Orthomedics provides a 10-week clinical affiliation in prosthetics and orthotics with Orthomedics, partially fulfilling the clinical affiliation requirement for the B.S. degree in Prosthetics and Orthotics at NYU.

Mr. Pacini was selected by a faculty committee chaired by Dr. Sidney Fishman, chairman of the department. Orthomedics, of Downey, California, is described as one of the largest providers of prosthetics-orthotics services in the country, with 13 facilities in California and Nevada.

DATA COLLECTED FOR EVALUATION OF SNIPAS GLUCOSE ANALYZER

A glucose analyzer was developed for blind diabetics by a scientific team at the Smith Kettlewell Institute of Visual Sciences, San Francisco, California. This scientific team was the basis for awarding of a Rehabilitation Services Administration grant to establish a Rehabilitation Engineering Center.

Mr. Richard Leclair in the Office of Rehabilitation Engineering and Mr. George Nagers of the Office for the Blind and Visually Handicapped, Washington, D.C., asked 15 rehabilitation centers for the blind to test 15 prototype models of the SNIPAS Glucose Analyzer. These were designed to provide data for an evaluation of the device. A standardized procedure of training and data collection was developed for the test.

The device, intended to permit a diabetic blind person to independently determine the glucose level of a urine sample, signals its results by producing from one to five "beeps." The data reflecting its use by blind diabetic subjects will be analyzed to determine whether certain factors contribute to success in using the device, or restrict its usefulness for certain individuals. The data are also expected to guide the manufacturer (Triformation Systems, Inc., Stuart, Fla.) in modifying the prototype design, if this is found to be necessary.