PUBLICATIONS OF INTEREST

The Journal's "Publications of Interest" list is compiled by Lily W. Hom, M.L.S., M.S., who is Technical Information Specialist of the Office of Technology Transfer. Most of the articles cited are selected from journals subscribed to by the Reference Collection, while others have been obtained directly from the authors after the works were abstracted in Bioengineering Abstracts and/or Excerpta Medica or were cited as references or noted in reviews elsewhere.

To obtain a copy or reprint of a specific paper, our readers are advised to direct inquiries to the appropriate author. The name and address of the author to be contacted appears at the end of each listing. In most instances, a reprint of a recent paper is available as a professional courtesy from the author. A book or report should be obtained from the publisher. The name and address of the publisher, and the price, appear with the listing.

BIOENGINEERING


**BIOMECHANICS**


Forces in the knee joint whilst rising from a seated position. Ellis MI, Seedhom BB, and Wright V. J Biomed Eng 1984 Apr;6(2):113–120. (CONTACT: M.I. Ellis, The Rheumatism Research Unit, School of Medicine, University of Leeds, Yorks, UK).


Linear approximations for swing leg motion during gait. Lee WH and Mansour JM. J Biomech Eng (Trans ASME) 1984 May;106(2):137–143. (CONTACT: J.M. Mansour, Dept. of Mechanical and Aerospace Engineering, Case Western Reserve University, Cleveland, OH 44106, USA).


A review of biomechanical models. King AI. J Biomech Eng (Trans ASME) 1984 May;106(2):97–104. (CONTACT: A.I. King, Biomechanics Center, Wayne State University, Detroit, MI 48202, USA).


Wheelchair exercise testing: comparison of continuous and discontinuous exercise. Whiting RB, Dreisinger TE, and Hayden CR. Paraplegia 1984 Apr;22(2):92–98. (CONTACT: R.B. Whiting, Division of Cardiology, University of Missouri, Health Sciences Center, One Hospital Drive, Columbia, MO 65212, USA).

GENERAL


Early use of adaptable seating for patients with head trauma: suggestion from the field. Keener SM and Sweigart JE. Phys Ther 1984 Feb;64(2):206–207. (CONTACT: S.M. Keener, Brain Injury Program, Pennsylvania State University, Elizabethtown Hospital, Elizabethtown Hospital, Elizabethtown, PA 17022, USA).


Modified walker for patients with polyarticular rheumatoid arthritis: suggestion from the field. Fillyaw M. Phys Ther 1984 Feb;64(2):205–207. (CONTACT: M. Fillyaw, Dept. of Physical Therapy, University of Vermont, Burlington, VT 05401, USA).


PUBLICATIONS OF INTEREST


Response of plasma beta-endorphins to transcutaneous electrical nerve stimulation in healthy subjects. Hughes GS, Jr, Lichtstein PR, Whintock D, and Harker C. Phys Ther 1984 July;64(7):1065-1066. (CONTACT: G.S. Hughes, Jr, East Carolina University School of Medicine, Section of General Internal Medicine, Greenville, NC 27834, USA).


Upright mobility system for spinal muscular atrophy patients. Siegel IM and Silverman M. Arch Phys Med and Rehab 1984 July;65(7):418. (CONTACT: I.M. Siegel, Strauss Surgical Group Assoc., 4640 Marine Drive, Chicago IL 60640, USA).


Control of cement penetration in total knee arthroplasty. Walker PS, Soudry M, Edwald FC, and McVicker H. Clin Orthop and Rel Res 1984 May;185:155-164. (CONTACT: P.S. Walker, Biomechanics Laboratory, Brigham and Women’s Hospital, 75 Francis St., Boston, MA 02115, USA).


ORTHOTICS


ORTHOTICS


PROSTHETICS


Wrist disarticulation of a deformed hand: appropriate prostheses and the rehabilitation of a severely retarded young man. Stimson C, Morrison H, Wakefield W, Kiss T, Lehneis HR, Simons A, Sverdik
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SENSORY AIDS


HEARING IMPAIRED


An evaluation of some assumptions underlying the articulation index. Pavlovic CV and Studebaker GA. J Acoust Soc Amer 1984 May;75(5):1060-1021. (CONTACT: C.V. Pavlovic, Dept. of Communicative Disorders, University of Mississippi, University, MS 38677, USA).


SPEECH IMPAIRED


Rehab. Medicine, New York University Medical Center, 400 East 34th St., New York, NY 10016, USA.


Optical communication aids in rehabilitation. Ten Kate JH, Donker Duyvis J, and Le Poole JB. Med Prog through Tech 1983-84;10(2):109-123. (CONTACT: J.H. Ten Kate, Applied Physics Dept., Delft University of Technology, Lorentzweg 1, PO Box 365, 9100 Delft, The Netherlands.)


Traumatic partial foot amputation. Lange TA and Nasca RJ. Clin Orthop and Rel Res 1984 May;185:137-141. (CONTACT: T.A. Lange, Section of Oncology, Dept. of Orthopedics, University of Arkansas for Medical Sciences, 4301 West Markham St., Mail Slot 531, Little Rock, AK 72205, USA.)


VISUALLY IMPAIRED


Microcomputer-based communication augmentation system for two nonspeaking, physically handicapped persons with severe visual impairment. Beukelman DR, Traynor C, Poblete M, and Warren CG. Arch Phys Med and Rehab 1984 Feb;65(2):89-91. (CONTACT: D.R. Beukelman, Dept. of Rehabilitation Medicine, University of Washington, Seattle, WA 98195, USA.)


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The sonic pathfinder: an evaluation. Dodds AG, Clark-Carter DD,
(CONTACT: A.G. Dodds, Blind Mobility Research Unit, University of Nottingham, University Park, Nottingham NG7 2RD, England).

(CONTACT: A.D. Heyes, Blind Mobility Research Unit, University of Nottingham, University Park, Nottingham, NG7 2RD, England).

(CONTACT: W.R. Thurlow, Dept. of Psychology, University of Wisconsin, 1202 West Johnson St., Madison, WI 53706, USA).

SPINAL CORD INJURY

(CONTACT: A. Sances, Jr, Dept. of Biomedical Engineering, Medical College of Wisconsin, Milwaukee, WI, USA).

(CONTACT: J.H. Ahn, Dept. of Rehabilitation Medicine, New York University Medical Center, 400 East 34th St., New York, NY 10016, USA). 

(CONTACT: J.L. Kelsey, Division of Epidemiology, Columbia University School of Public Health, 600 West 168th St., New York, NY 10032, USA).

(CONTACT: A.M. Levine, Dept. of Physical Medicine, Baylor College of Medicine, Houston, TX 77030, USA).

(CONTACT: B.T. McMahon, Rehabilitation Services Program, Florida State University, 215 Stone Building, Tallahassee, FL 32306, USA).

(CONTACT: S.I. Weingarden, Maryland Institute of Emergency Service System, University of Maryland, 20 South Green St., Baltimore, MD 21201, USA).

(CONTACT: G. DeJong, Tufts 75K-New England Medical Center, 171 Harrison Ave., Boston, MA 02112, USA).

(CONTACT: A.M. Gershkoff, Magee Rehabilitation Hospital, 6 Franklin Plaza, Philadelphia, PA 19102, USA).

(CONTACT: B.A. Sugarman, VA Medical Center, 200 Holcombe Blvd., Houston, TX 77211, USA).

(CONTACT: S. Lamid, Dept. of Physical Medicine and Rehabilitation, VA Medical Center, Wood (Milwaukee), WI 53193, USA).

(CONTACT: B. Coburn, Dept. of Mechanical Engineering, Brunel University, Uxbridge, Great Britain).

(CONTACT: F.M. Maynard, Dept. of Physical Medicine and Rehabilitation, University of Michigan Medical School, Ann Arbor, MI 48109, USA). 

(CONTACT: S.F. Wainapel, Dept. of Rehabilitation Medicine, University Hospital, 75 East Newton St., Boston, MA 02118, USA).


(CONTACT: E. Larsen, Lyngvigvej 14, DK-2720 Vanloese, Denmark).

(CONTACT: J. Claus-Walker, The Institute for Rehabilitation and Research, 1333 Moursund, Houston, TX 77030, USA).


(CONTACT: P.A. Dahlin, Spinal Cord Injury Service (128), James A Haley VA Medical Center, 13000 North 30th St., Tampa, FL 33612, USA).

(CONTACT: J. Axelgaard, Spinal Research, Rehabilitation Engineering Center, Rancho Los Amigos Hospital, 7601 East Imperial Highway, Downey, CA 90242, USA).

(CONTACT: P. Lopes, Corrective Therapy (117-A), VA Medical Center, 3801 Miranda Ave., Palo Alto, CA 94304, USA).

(CONTACT: D.H. York, Division of Neurosurgical Surgery, University of Missouri-Columbia, NS22 Health Science Center, 807 Stadium Rd., Columbia, MO 65212, USA).
SURGERY

(CONTACT: A.H. Crawford, Dept. of Pediatric Orthopaedic Surgery, Children’s Hospital Medical Center, Eiland and Bethesda Aves, Cincinnati, OH 45229, USA).

(CONTACT: M.E.H. Boeckstyns, Dept. of Orthopedic Surgery, University of Copenhagen Hospital in Hidovre, Denmark).

(CONTACT: R.E.P. Sica, Seccion de Electroneurofisiologia Clinica Neurologia, Hospital Ramos Mejia, Buenos Aires).

(CONTACT: P.G. Wilson, Cornell University Medical Center, 525 East 68th St., New York, NY 10021, USA).

(CONTACT: P. Holstein, Dept. of Clinical Physiology and Dept. of Surgery M, Bispebjerg Hospital, Copenhagen, Denmark).

(CONTACT: S.A. Khoury, Dept. of Community Medicine, Faculty of Medicine, University of Jordan, Amman, Jordan).

(CONTACT: E.J. Dabezies, Dept. of Orthopedic Surgery, Louisiana State University School of Medicine, 1542 Tulane Ave., New Orleans, LA 70112, USA).

(CONTACT: O. Svensson, Dept. of Orthopaedic Surgery, Huddinge University Hospital, Karolinska Institute, S-141 86 Huddinge, Sweden).

(CONTACT: W.H. Bunch, Loyola University Medical Center, 2160 South First Ave., Maywood, IL 60153, USA).

(CONTACT: M.R. Nuwer, Dept. of Neurology, Reed Neurological Research Center, University of California, Los Angeles, 710 Westwood Plaza, Los Angeles, CA 90024, USA).

(CONTACT: G. Murdoch, Limb Fitting Centre, 133 Queen St., Broughty Ferry, Dundee DD5 1AG, Scotland).