

PUBLICATIONS OF INTEREST

Compiled by Beryl M. Benjers, PhD

Technical Information Specialist

This list of references offers *Journal* readers significant information on the availability of recent rehabilitation literature in various scientific, engineering, and clinical fields. The *Journal* provides this service in an effort to fill the need for a comprehensive and interdisciplinary indexing source for rehabilitation literature.

All entries are numbered so that multidisciplinary publications may be cross-referenced. They are indicated as *See also* at the end of categories where applicable. A listing of the periodicals reported on follows the references. To obtain reprints of a particular article or report, direct your request to the appropriate contact source listed in each citation.

Page	List of Categories	BIOENGINEERING and BIOMECHANICS
65	BIOENGINEERING and BIOMECHANICS	1. Analysis of the Pull-Out Strength of Screws and Pegs Used to Secure Tibial Components Following Total Knee Arthroplasty. Finlay JB, <i>et al.</i> , <i>Clin Orthop</i> 247:220-231, 1989.
68	COMPUTERS	(CONTACT: J. Bryan Finlay, PhD, University Hospital, PO Box 5339, Terminal A, London, Ontario N6A 5A5, Canada)
68	FUNCTIONAL ASSESSMENT	2. An Analytical Model of Traumatic Diffuse Brain Injury. Margulies SS, Thibault LE, <i>J Biomech Eng</i> 111(3):241-249, 1989.
69	FUNCTIONAL ELECTRICAL STIMULATION	(CONTACT: S.S. Margulies, Division of Thoracic Diseases Research, Mayo Clinic and Foundation, Rochester, MN 55905)
70	GENERAL	3. Anteroposterior Drawer Measurements in the Knee Using an Instrumented Test Device. Edixhoven P, Huiskes R, de Graaf R, <i>Clin Orthop</i> 247:232-242, 1989.
71	GERIATRICS	(CONTACT: Rik Huiskes, PhD, Biomechanics Section, Institute of Orthopaedics, University of Nijmegen, PO Box 9101, 6500 HB Nijmegen, Netherlands)
72	HEAD TRAUMA and STROKE	4. Anthropometry: A Look at Six Techniques for Monitoring 3-D Human Shape. Gallup B, <i>et al.</i> , <i>SOMA Eng Hum Body</i> 3(2):35-42, 1989.
73	MISCELLANEOUS	
73	MUSCLES, LIGAMENTS, and TENDONS	
74	NEUROLOGICAL and VASCULAR	
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75	ORTHOPEDIC IMPLANTS	
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85	SPINAL CORD INJURY	
87	SURGERY	
90	VOCATIONAL	
91	WHEELCHAIRS and POWERED VEHICLES	

(CONTACT: Brian Gallup, Biokinetics and Associates Ltd., Ottawa, Canada)

5. Bone Attachment to Hydroxyapatite Coated Polymers. Boone PS, *et al.*, *J Biomed Mater Res* 23(A2):183-199, 1989.

(CONTACT: Mark C. Zimmerman, PhD, UMDNJ-New Jersey Medical School, MSB G578 Orthopaedic Surgery, 185 S. Orange Ave., Newark, NJ 07103)

6. Bone Bonding Behavior of Bead-Coated Alumina Ceramic Under Load-Bearing Conditions. Takagi H, *et al.*, *J Biomed Mater Res* 23(A2):161-181, 1989.

(CONTACT: Haruki Takagi, MD, Dept. of Orthopaedic Surgery, Faculty of Medicine, Kyoto University, 54, Kawahara-cho, Shogoin, Sakyo-ku, Kyoto 606, Japan)

7. Duplex Stainless Steels for Osteosynthesis Devices. Cigada A, *et al.*, *J Biomed Mater Res* 23(9):1087-1095, 1989.

(CONTACT: A. Cigada, Dipartimento di Chimica Fisica Applicata, Politecnico di Milano, Italy)

8. The Effect of Constraint on the Mechanical Behavior of Trabecular Bone Specimens. Linde F, Hvid I, *J Biomech* 22(5):485-490, 1989.

(CONTACT: Frank Linde, Biomekanisk Laboratorium, Ortopaedisk Hospital, Randersvej 1, DK-8200 Aarhus N, Denmark)

9. Effects of Injury on the Spinal Motion Segment Mechanics in the Axial Compression Mode. Goel VK, Kim YE, *Clin Biomech* 4(3):161-167, 1989.

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10. Fracture Mechanics Principles Applied to Implant Medical Devices—A Review. Chwirut DJ, Regnault WF, *Med Prog Technol* 14(3-4):193-203, 1988/1989.

(CONTACT: Daniel J. Chwirut, U.S. Food and Drug Administration, Center for Devices and Radiological Health, Division of Mechanics and Materials Science, 12200 Wilkins Ave., Rockville, MD 20852)

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(CONTACT: James A. Anderson, MD, PhD, Institute of Pathology, Case Western Reserve University, 2085 Adelbert Rd., Cleveland, OH 44106)

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(CONTACT: David C. Viano, Biomedical Science Dept., General Motors Research Laboratories, Warren, MI 48090)

13. An Investigation into the Effect of Cyclic Loading and Frequency on the Temperature of PMMA Bone Cement in Hip Prostheses. Humphreys PK, Orr JF, Bahrani AS, *Proc Instn Mech Engrs—Part H: J Eng Med* 203(H3):167-170, 1989.

(CONTACT: P.K. Humphreys, MEng, Dept. of Mechanical and Manufacturing Engineering, Queen's University of Belfast, Belfast, Northern Ireland)

14. An Investigation of Bioglass Powders: Quality Assurance Test Procedure and Test Criteria. Warren LD, Clark AE, Hench LL, *J Biomed Mater Res* 23(A2):201-209, 1989.

(CONTACT: Lawrence D. Warren, Bioglass Research Center, J. Hillis Miller Health Center, University of Florida, Gainesville, FL 32610)

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(CONTACT: D. A. Johnson, Dept. of Mechanical Engineering, Université Catholique de Louvain, Louvain-La-Neuve, Belgium)

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(CONTACT: E.A. Meroi, Università di Padova, Istituto di Scienza e Tecnica delle Costruzioni, via F. Marzolo, n.9, 35131 Padova, Italy)
- 18. Occupational Biohazards Affecting Clinical Engineers and BMETs: Part V: Skin and Urogenital Diseases.** Baker SA, *J Clin Eng* 14(5):391-394, 1989.
(CONTACT: Shirley A. Baker, PhD, Oklahoma State University, School of Occupational and Adult Education, 406 Classroom Bldg., Stillwater, OK 74078-0406)
- 19. Open-Loop Control of the Freely-Swinging Paralyzed Leg.** McNeal DR, *et al.*, *IEEE Trans Biomed Eng* 36(9):895-905, 1989.
(CONTACT: Donald R. McNeal, Rancho Rehabilitation Engineering Center, Downey, CA 90242)
- 20. Prediction of Properties of Fracture Callus by Measurement of Mineral Density Using Micro-Bone Densitometry.** Aro HT, *et al.*, *J Bone Joint Surg [Am]* 71-A(7):1020-1030, 1989.
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- 21. Remote Control Systems' Radiotelemetry Receiver 7060: Its Use in Clinical Colonic Motility Measurement.** Thorburn HA, *et al.*, *J Med Eng Technol* 13(5):252-256, 1989.
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(CONTACT: A.J. Cox, Dept. of Medical Biophysics, University of Manchester, Manchester M13 9PT, UK)
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(CONTACT: H.B. Skinner, MD, PhD, Dept. of Orthopaedic Surgery, University of California at San Francisco, San Francisco, CA 94143-0728)
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(CONTACT: A.C. Macey, FRCS Ed (Orth), Cappagh Orthopaedic Hospital, Dublin, Ireland)
- 26. Technology, Applications, and Resources.** *SOMA Eng Hum Body* 3(2):1-7, 1989.
(CONTACT: *SOMA: Engineering for the Human Body*, Hemisphere Publishing Corporation, 79 Madison Ave., Suite 1110, New York, NY 10016-7892)
- 27. Thromboresistant Polymers: A New Approach.** Wilson JE, Jones CE, *Biomater Artif Cells Artif Organs* 17(4):437-445, 1989.
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- 28. Torsional Strength of the Ankle *In Vitro*: The Supination—External-Rotation Injury.** Markolf KL, Schmalzried TP, Ferkel RD, *Clin Orthop* 246:266-272, 1989.
(CONTACT: Keith L. Markolf, PhD, Biomechanics Research Section, Division of Orthopaedic Surgery, Rehabilitation Center, University of California, Los Angeles, CA 90024-1795)
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31. Zeta Potential and the Adhesion of Oral Streptococci to Polymethylmethacrylate. Uyen HMW, *et al.*, *Biomater Artif Cells Artif Organs* 17(4):385-391, 1989.

(CONTACT: H.M.W. Uyen, Laboratory for Materia Technica, University of Groningen, Antonius Deusinglaan 1, 9713 AV Groningen, Netherlands)

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(CONTACT: Douglas D. Robertson, MD, PhD, Orthopedic Biomechanics Laboratory, Brigham and Women's Hospital, 75 Francis St., Boston, MA 02115)

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(CONTACT: James Blodgett, 11 Fullerton St., Albany, NY 12209)

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(CONTACT: Karen Holloway, Rehabilitation Research and Development Center, VA Medical Center, 3801 Miranda Ave., Palo Alto, CA 94304)

35. Evaluating Clinical Problem-Solving Skills Through Computer Simulations. Mecaskey C, *et al.*, *J Rehabil* 55(3):34-39, 1989.

(CONTACT: Carol Mecaskey, Dept. of Rehabilitation Science, University of Texas Southwestern Medical Center, Dallas, TX 75235)

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(CONTACT: Nancy L. Moskal, MA, Purdue University, Heavilon Hall B-13, West Lafayette, IN 47907)

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(CONTACT: Daniel J. Guiteras, BS, PT, 5307 Sepulveda Blvd., #301, Van Nuys, CA 91411)

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(CONTACT: M.A. Tooley, Dept. of Medical Electronics, Saint Bartholomew's Hospital, West Smithfield, London EC1A 7BE, UK)

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(CONTACT: Gon Khang, Dept. of Mechanical Engineering, University of Wisconsin at Milwaukee, Milwaukee, WI 53201)

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(CONTACT: Thomas W. Findley, MD, PhD, Kessler Institute for Rehabilitation, Pleasant Valley Way, West Orange, NJ 07052)

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41. Comparative Assessment of Gait After Limb-Salvage Procedures. McClenaghan BA, *et al.*, *J Bone Joint Surg [Am]* 71-A(8):1178-1182, 1989.

(CONTACT: Bruce A. McClenaghan, PED, Motor Rehabilitation Laboratory, Dept. of Exercise Science, University of South Carolina, Columbia, SC 29208)

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(CONTACT: Dr. J.B. Young, Consultant Geriatrician, St. Luke's Hospital, Bradford BD5 0NA, UK)

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44. Quantitative Measurements of Hip Strength in Different Age Groups. Cahalan TD, *et al.*, *Clin Orthop* 246:136-145, 1989.

(CONTACT: Edmund Y.S. Chao, PhD, Biomechanics Laboratory, Mayo Clinic/Mayo Foundation, 200 First St. SW, Rochester, MN 55905)

45. Reliability of a New Device Used to Measure Shoulder Subluxation. Hayes KW, Sullivan JE, *Phys Ther* 69(9):762-767, 1989.

(CONTACT: Karen W. Hayes, MA, PT, Programs in Physical Therapy, Northwestern University Medical School, 345 E. Superior St., Room 1323, Chicago, IL 60611)

46. Reliability of the Genucom Knee Analysis System: A Pilot Study. McQuade KJ, Sidles JA, Larson RV, *Clin Orthop* 245:216-219, 1989.

(CONTACT: Kevin J. McQuade, PT, MPH, Dept. of Orthopaedics, RK-10, University of Washington, Seattle, WA 98195)

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(CONTACT: Joan Pascale Toglia, OTR, Chief Occupational Therapist, New York Hospital—Cornell Medical Center, New York, NY 10021)

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FUNCTIONAL ELECTRICAL STIMULATION

48. Comparison of Effects of Transcutaneous Electrical Nerve Stimulation of Auricular, Somatic, and the Combination of Auricular and Somatic Acupuncture Points on Experimental Pain Threshold. Lein DH Jr, *et al.*, *Phys Ther* 69(8):671-678, 1989.

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(CONTACT: Barry R. Seeger, PhD, BE, The Crippled Children's Association of SA, Inc., Days Rd., Regency Park 5010, PO Box 209, Kilkenney, SA 5009, Australia)

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(CONTACT: Chandler A. Phillips, MD, PE, Dept. of Biomedical Engineering, College of Engineering and Computer Science, Wright State University, Dayton, OH 45435)

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(CONTACT: Craig R. Denegar, PhD, ATC, School of Physical Therapy, Slippery Rock University, Slippery Rock, PA 16057)

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(CONTACT: Philip Brotman, PhD, Biofeedback Training Associates, 255 West 98th St., New York, NY 10025)

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(CONTACT: L. Zissermann, MA, OTR/L, Seattle City Public Schools, Seattle, WA)

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(CONTACT: Janet A. Coy, MA, PT, Program in Physical Therapy, State University of New York Health Science Center at Syracuse, 750 E. Adams St., Syracuse, NY 13210)

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(CONTACT: World Rehabilitation Fund Inc., International Exchange of Experts and Information in Rehabilitation, 400 East 34th St., New York, NY 10016)

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(CONTACT: Monroe Berkowitz, c/o American Rehabilitation, Rehabilitation Services Administration, Room 3414, 300 C St. SW, Washington, DC 20202-2531)

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(CONTACT: Joanna M. L. Geddes, Rheumatology and Rehabilitation Unit, University of Leeds, 36 Clarendon Rd., Leeds, West Yorkshire, UK)

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(CONTACT: Debra C. Dalglish, Dept. of Rheumatology, Bowman Gray School of Medicine, 300 South Hawthorne Rd., Winston-Salem, NC 27103)

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(CONTACT: Brian E. Farley, Devices for Vascular Intervention, Inc., 595 Penobscot Dr., Redwood City, CA 94063)

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(CONTACT: Michael Madison, PhD, FLS, Dept. of Orthopedic Surgery, University of California, Davis, 2230 Stockton Blvd., Sacramento, CA 95817)

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(CONTACT: Kenneth G. Reeb, Jr., Rehabilitation Engineering Center, 1900 Pennsylvania Ave. NW, Suite 700, Washington, DC 20006)

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(CONTACT: Dr. M. Richard Navarro, Speech Pathology and Audiology, School of Medical Sciences, MacKay Science Bldg., University of Nevada/Reno, Reno, NV 89557)

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(CONTACT: Alexander Boros, Prof. of Sociology, Kent State University, Kent, OH 44242)

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(CONTACT: Ewa Nowak, Institute of Industrial Design, 00-236 Warsaw, Poland)

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(CONTACT: Barbara James, Dept. of Anatomy, University of Queensland, St. Lucia, Brisbane, Queensland, Australia)

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(CONTACT: J.C.G.M. van Rooij, Dept. of Otolaryngology, Free University Hospital, 1081 HV Amsterdam, Netherlands)

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(CONTACT: Randall C. Briggs, MS, PT, 2136 N. 4th St., Harrisburg, PA 17110)

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(CONTACT: A. Turner, DipCOT, BA, Senior Occupational Therapist, Waterloo Day Hospital, Waterloo, Liverpool, UK)

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(CONTACT: John J. Nicholas, MD, 5405 Presbyterian-University Hospital, DeSoto at O'Hara St., Pittsburgh, PA 15213)

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(CONTACT: Diana B. Petitti, MD, Dept. of Family and Community Medicine, Box 0900, AC-9, University of California, San Francisco, CA 94143)

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(CONTACT: Betty R. Hasselkus, PhD, OTR, Occupational Therapy Program, University of Wisconsin-Madison, 1300 University Ave., Madison, WI 53706)

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(CONTACT: Jean E. Burton, Prof. of Occupational therapy, Queen's University, Kingston, Ontario, Canada)

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(CONTACT: Gordon O. Matheson, MD, B.C. Sports Medical Clinic, 3055 Westbrook Mall, Vancouver, BC, V6T 1W5, Canada)

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(CONTACT: (See journal for individual articles.) *Topics in Geriatric Rehabilitation*, Aspen Publishers Inc., 7201 McKinney Circle, Frederick, MD 21701)

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(CONTACT: R. Hornby, MD, Dept. of Orthopaedics, Royal Victoria Infirmary, Newcastle upon Tyne NE1 4LP, England)

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(CONTACT: Lewis A. Lipsitz, MD, Hebrew Rehabilitation Home for Aged, 1200 Centre St., Boston, MA 02131)

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(CONTACT: C.L. Cheng, Dept. of Orthopaedic Surgery, University of Hong Kong, Queen Mary Hospital, Hong Kong)

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(CONTACT: W. John Crosbie, MSc, Cumberland

College of Health Sciences, School of Physiotherapy, East St., Lidcombe, New South Wales 2141, Australia)

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