
Editor's Note

Over the past year, the VA office of Technology Transfer has compiled an index of published literature representative of research and development in the field of rehabilitation from 1979 to the present. Scientific, bioengineering, and biomedical periodicals and books containing relevant information were researched. Titles selected for inclusion in the index reflect the comprehensive rehabilitation literature for this time period. Selections from the Publications of Interest section of the *Journal* and its predecessor, the *Bulletin of Prosthetics Research*, are also included.

The index is categorized in accordance with the Veterans Administration Research and Development priorities for rehabilitation research and development: Prosthetics/Amputation, Spinal Cord Injury, and Sensory Aids. Specific areas of research are delineated by subheadings within the three major categories. The entries are numbered and are arranged alphabetically by title within each subject heading. The appendix lists authors and publication entry numbers.

A future issue of the *Journal* will explore the accessibility of the results of rehabilitation research and development through available literature searches. An experiment to comprehensively reference the literature on wheelchairs will be presented. Information retrieval will consist of searches in specific areas of the literature, i.e., patents, conference proceedings, and audio-visual material, as well as traditional publications. Access tools such as search strategies and information gateways will also be described.

The Office of Technology Transfer presents these special issues of the *Journal* for the purpose of enhancing professional and practitioner awareness of available resources in the field of rehabilitation research and development. Your comments on this effort are welcomed.

Seldon P. Todd, Jr.

Journal title abbreviations used in this index conform to the rules of the *American National Standard for Abbreviation of Titles of Periodicals*. For a complete listing of periodicals with their abbreviations, consult the *List of Journals Indexed in Index Medicus*, 1985 edition.

Table of Contents

Note: Figures in brackets refer to bibliographic entry numbers.

1	PROSTHETICS/AMPUTATION [1-1624]
1	General Amputation [1-105]
3	• Lower Limb [38-88]
6	• Upper Limb [89-105]
8	Amputation Level [106-122]
9	Amputation Stumps [123-153]
11	• Stump Bandaging [152, 153]
11	Amputees [154-202]
14	• Psychology [203,204]
14	Biomechanics [205-686]
17	• Electromyography [240-317]
22	• Foot Pressure Analysis [318-362]
25	• Gait Analysis [363-554]
33	• Amputee Gait [487-502]
35	• Crutch Walking [503-519]
36	• Energy Expenditure [520-533]
37	• Gait Deviations [534-554]
38	• Human Motion Analysis [555-570]
40	• Joint Force Analysis [571-655]
40	• Lower Limb [582-627]
43	• Upper Limb [628-655]
45	• Muscular Contractions [656-686]
48	Bone [687-765]
48	• Bone Fractures [692-718]
50	• Electrical Stimulation [719-746]
52	• Mechanical Properties [747-765]
53	Orthopedic Implants [766-1000]
57	• Joint Protheses [815-848]
59	• Total Hip Implants [849-928]
65	• Total Knee Implants [929-1000]
70	Orthopedic Surgery [1001-1011]
70	Orthotics [1012-1201]
73	• Fracture Bracing [1048-1077]
75	• Lower Limb [1078-1153]
76	• Above-Knee [1097-1125]
78	• Below-Knee [1126-1153]
80	• Upper Limb [1154-1183]
81	• Above-Elbow [1166-1174]
81	• Below-Elbow [1175-1183]
82	• Walking Aids [1184-1201]
83	Phantom Limb [1202-1216]
84	Prosthetic/Orthotic Materials [1217-1233]
85	Prosthetics [1234-1586]
89	• History [1287-1323]
91	• Lower Limb [1324-1428]
94	• Above-Knee [1367-1408]
96	• Below-Knee [1409-1428]
98	• Upper Limb [1429-1477]

100	• Above-Elbow [1457-1462]
100	• Below-Elbow [1463-1477]
101	• Externally Powered Control [1478-1494]
102	• Myoelectric Control System [1495-1559]
107	• Socket [1560-1586]
108	Transcutaneous Electrical Nerve Stimulation [1587-1624]
111	SPINAL CORD INJURY [1625-2395]
114	Functional Electrical Stimulation [1674-1737]
119	Harrington Instrumentation [1738-1751]
120	Low Back Pain [1752-1767]
121	Nerve Stimulation [1768-1798]
124	Nervous System [1799-1813]
125	Neural Protheses [1814-1830]
126	Neuromuscular Disorders [1831-1845]
127	Rehabilitation [1846-1879]
129	Robotics/Manipulation [1880-1970]
136	Seating System [1971-1987]
137	Spinal Deformities [1988-2039]
141	Spinal Mechanism [2040-2055]
142	Spinal Orthotics [2056-2126]
146	• Cervical Orthoses [2115-2126]
146	Technical Aids [2127-2196]
147	• Special Devices [2132-2172]
150	• Communication Aids [2173-2179]
150	• Computer-Aided System [2180-2196]
151	Tissue Pressure Measurement [2197-2301]
158	Wheelchair Activity [2302-2316]
159	Wheelchairs [2317-2395]
164	SENSORY AIDS [2396-2784]
166	Deaf-Blind [2419-2424]
166	Hearing Impaired [2425-2581]
168	• Acoustics Analysis [2447-2479]
170	• Auditory Stimulation [2480-2494]
171	• Cochlear Protheses [2495-2511]
172	• Communication Aids [2512-2529]
174	• Hearing Aids [2530-2581]
177	Speech Impaired [2582-2633]
178	• Communication Systems [2599-2633]
181	Visually Impaired [2634-2784]
182	• Communication Aids [2655-2660]
183	• Computers [2661-2673]
184	• Low Vision [2674-2684]
184	• Mobility Aids [2685-2721]
187	• Optical/Sensory Aids [2722-2739]
188	• Reading Aids [2740-2756]
289	• Rehabilitation [2757-2774]
190	• Visual Stimulation [2775-2784]
192	AUTHOR INDEX

Coverage

The journals listed below are included in the OTT library and represent the core coverage of this bibliography.

Accent on Living
ACTA Orthopaedica Scandinavica
Advances in Orthopaedic Surgery
AER Report
American Annals of the Deaf
American Archives of Rehabilitation Therapy
American Corrective Therapy Journal
American Journal of Clinical Biofeedback
American Journal of Occupational Therapy
American Journal of Optometry and Physiological Optics
American Journal of Ophthalmology
American Journal of Physical Medicine
American Journal of Physiology
American Journal of Sports Medicine
American Journal of Surgery
American Rehabilitation
Angiology (Journal of Vascular Disease)
Annals of Biomedical Engineering
AOPA Almanac
Applied Optics
ASHA
A+
Archives of Physical Medicine and Rehabilitation
Bioengineering Abstracts
Biofeedback and Behavioral Medicine
Biofeedback and Self-Regulation
Biomaterials, Medical Devices, and Artificial Organs
Biomedical Electronics
Biomedical Technology and Human Factors
Engineering NTIS
Biomedical Technology Today
Biotechnology and Bioengineering
Blindness AAWB Annual
British Journal of Occupational Therapy
BVA Bulletin
Clinical Biofeedback and Health
Clinical Orthopaedics and Related Research
Clinical Physics and Physiological Measurement
Clinical Prosthetics and Orthotics
Communication Outlook
Computers and Popular Electronics
Creative Computing
CRC Critical Reviews in Biomedical Engineering
DAV
Disabled USA
Electromyography and Clinical Neurophysiology
Electronic Design
Electronic Engineering
Electronic Library
Electronic Products
Electronics
Engineering in Medicine
Ergonomics
Excerpta Medica: Biophysics, Bioengineering and Medical Instrumentation
Excerpta Medica: Orthopedic Surgery Section 33
Excerpta Medica: Rehabilitation and Physical Medicine
Experimental Neurology
The Fragment
Harvard Medical School Health Letter
The Hearing Aid Journal
Hearing Journal
Hearing Research
High Technology: Technology Illustrated
Human Factors: The Journal of the Human Factors Society
IEEE Engineering in Medicine and Biology Magazine
IEEE Transactions in Biomedical Engineering
IEEE Transactions in Systems, Man and Cybernetics
Information Management
Information Sciences: An International Journal
Inter-Clinic Information Bulletin
International Journal of Biomedical Engineering
International Journal of Rehabilitation Research
International Rehabilitation Medicine
Journal of Biomechanical Engineering
Journal of Applied Physics
Journal of Applied Physiology
Journal of Biomechanics
Journal of Biomedical Engineering
Journal of Biomedical Materials Research
Journal of Bone and Joint Surgery
Journal of Clinical Engineering
Journal of Information and Image Management
Journal of Medical Engineering and Technology
Journal of Orthopaedic and Sports Physical Therapy
Journal of Orthopaedic Research
Journal of Rehabilitation
Journal of Speech and Hearing Disorders

- Journal of the Acoustical Society of America
Journal of the American Optometric Association
Journal of the Canadian Paraplegic Association
Journal of the Franklin Institute
Journal of Trauma
Journal of Visual Impairment and Blindness
Laser Focus; The Magazine of the Electro-Optics Technology
Library Journal
Machine Design
Mayo Clinic Proceedings
Medical and Biological Engineering and Computing
Medical Books in Print
Medical Device and Diagnostic Industry
Medical Electronics
Medical Instrumentation
Medical Progress Through Technology
Medicine and Science in Sports and Exercise
Medizinische Technik
Military Medicine
New England Journal of Medicine
NTIS Tech Notes (All Categories)
The Office
ONR Far East Scientific Bulletin
Optical Society of America, Part A
Orthopedic Clinics of North America
Orthopedics
Orthotics and Prosthetics
Paraplegia
Paraplegia News
PC Magazine
Physical and Occupational Therapy in Geriatrics
Physical and Occupational Therapy in Pediatrics
Physical Therapy
Physiotherapy
Prosthetics and Orthotics International
Rehabilitation Digest
Rehabilitation Gazette
Rehabilitation Literature
Rehabilitation World
Robotics World
RX Home Care
Scandinavian Journal of Rehabilitation Medicine
Science News
Scientific American
Scientific Meetings
Small Computers in Libraries
Special Libraries
Speech Technology
Spine
Sports 'N Spokes
Transactions - American Society for Artificial Internal Organs
VA Practitioner
Volta Review
World Meetings: Medicine
Yearbook of Neurology and Neurosurgery
CM, OPTO, XNPY (foreign)