

CURRICULUM VITAE AND BIBLIOGRAPHIC OUTLINE

NAME: William H. Donovan, M.D.

BIRTH: July 4, 1940

BIRTHPLACE: Brooklyn, New York

EDUCATION: 1958-1962 Manhattan College, New York, NY, B.S. Degree
1962-1966 Albany Medical College, Albany, NY, M.D. Degree

INTERNSHIP: 1966-1967 Marquette University, Rotating Internship, Milwaukee, WI

RESIDENCY: 1967-1968 Marquette University, Internal Medicine, Milwaukee, WI
1970-1972 University of Washington, Physical Medicine and Rehabilitation, Seattle, WA

MILITARY SERVICE: 1968-1970 U.S. Air Force - Captain, Medical Corps

LICENSURE: Texas, issued 1980, No. F7449

BOARD CERTIFICATIONS: 1975 American Board of Physical Medicine and Rehabilitation, Part 1 and 2
1974 American Board of Electrodiagnostic Medicine

HONORS, AWARDS, CITATIONS:

1975 Elkins Scholarship Award for attaining the highest mark on the Specialty Board Examination, American Academy of Physical Medicine and Rehabilitation received at The 37th Annual Assembly, Atlanta, GA

1984 Physician of the Year for 1984 by the Texas Governor's Committee for Disabled Persons

1982, 1983 ASIA Award - Instructional Course Coordinator

1990 John S. Young Lectureship Award, Craig, Hospital, Denver, CO

1996 JPO Article of the Year - First Place, The American Academy of Orthotists and Prosthetists and the American Orthotic and Prosthetic Association, upon recommendation of the Journal of Prosthetics and Orthotics Editorial Board for *Epidemiologic Overview of Individuals with Upper-Limb Loss and Their Reported Research Priorities*, by Atkins DJ, Heard DC, Donovan W.H.

- 2000 American Academy of Physical Medicine & Rehabilitation (AAPM&R). Distinguished Clinician Award awarded to an individual who has made important contributions to both the specialty and the Academy.
- 2001 Listed in the “America’s Top Doctors” consumer guide for Physical Medicine and Rehabilitation.
- 2002 Listed in the “America’s Top Doctors” consumer guide for Physical Medicine and Rehabilitation.
- 2003 Academic Leadership Award given by the Alliance, Baylor College of Medicine/University of Texas Medical School-Houston, Departments of Physical Medicine and Rehabilitation.
- Listed in the “America’s Top Doctors” consumer guide for Physical Medicine and Rehabilitation.
- 2004 Recipient of the 2003 AAP Excellence in Research Writing Award.
- Listed in the “America’s Top Doctors” consumer guide for Physical Medicine and Rehabilitation.
- International Spinal Cord Society (ISCoS) *Silver Medal Award*. Highest honor bestowed upon a member of this organization
- 2005 American Spinal Injury Association (ASIA) *Lifetime Achievement Award*. Highest honor bestowed upon a member of this organization.
- 2005-06 Selected by peers in Best Doctors in America
- 2006 Named as one of Houston’s Top Doctors
- The Annual Donald Munro Memorial Lectureship: Spinal Cord Injury: Past, Present and Future. Presented at the American Paraplegia Society Annual Conference Meeting, September 5, 2006.
- 2007 *Distinguished Physician Award* from Memorial Hermann-TMC and Children’s Memorial Hermann Hospital, December 6, 2007.
- Named a Top Doctor in America’s Top Doctors by Castle Connolly Medical Ltd.

VISITING

- PROFESSORSHIPS:** 1988 Emory University, Atlanta, GA, appointed to Honorary Medical Staff.
- 1988 Shepherd Spinal Injury Center, Atlanta, GA, appointed to Honorary Medical Staff.
- 1991 Kessler Institute for Rehabilitation, West Orange, NJ
- 1993 Louisiana State University, New Orleans, LA, critiqued 21 Resident Research Presentations.
- 2000 Mt. Sinai University, New York, NY. Gave keynote address.

PROFESSIONAL APPOINTMENTS:

Hospital

Appointments:	1972-1977	Attending Physician, University Hospital, Seattle, WA
	1972-1976	Rehabilitation Medicine Consultant, Pediatric Arthritis Clinic, University of Washington, Seattle, WA
	1972-1977	Physiatric Consultant, Central Washington Deaconess Hospital, Wenatchee, WA
	1972-1977	Physiatric Consultant, Rosewood Hospital, Wenatchee, WA
	1973-1977	Consultant, Department of Physical Medicine & Rehabilitation, Harbor-view Medical Center, Seattle, WA
	1973-1977	Consultant, Dept. of Physical Medicine & Rehabilitation, Children's Orthopedic Medicine Center, Seattle, WA
	1974-1975	Assistant Chief, Dept. of Rehabilitation Medicine, Veteran's Administration Hospital, Seattle, WA
	1975-1977	Physiatric Consultant, Dental Education for the Care of the Disabled, School of Dentistry, University of Washington, Seattle, WA
	1976-1977	Rehabilitation Medicine Consultant Pain Clinic, University of Washington, Seattle, WA
	1977-1979	Specialist, Rehabilitation Medicine, Royal Perth Hospital, Perth, Western Australia
	1977-1979	Consultant to the Spinal Unit, Royal Perth (Rehabilitation) Hospital, Perth, Western Australia
	1979-1980	Director of Medical Services, Commonwealth Rehabilitation Center, Townsville, Queensland, Australia
	1981-2000	Co-Director, Regional Spinal Cord Injury Center, The Institute for Rehabilitation and Research, Houston, TX
	1986-present	Director Amputee Program, The Institute for Rehabilitation and Research, Houston, TX
	1987-present	Vice President for Medical Affairs, Medical Director, The Institute for Rehabilitation and Research, Houston, TX
	2000-present	Principal Investigator and Co-Director, Regional Spinal Cord Injury Center, The Institute for Rehabilitation and Research, Houston, TX

Academic

Appointments:	1972-1975	Instructor, Department of Rehabilitation Medicine, University of Washington, Seattle, WA
	1975-1977	Assistant Professor, Department of Rehabilitation Medicine, University of Washington, Seattle, WA
	1977-1979	Clinical Lecturer, School of Medicine, University of Western Australia, Perth, Western Australia
	1980-1981	Assistant Professor, Department of Rehabilitation, Baylor College of Medicine, Houston, TX
	1980-1981	Assistant Professor, Department of Physical Medicine, Baylor College of Medicine, Houston, TX
	1981-1987	Associate Professor, Department of Rehabilitation, Baylor College of Medicine, Houston, TX
	1981-1987	Associate Professor, Department of Physical Medicine, Baylor College of Medicine, Houston, TX
	1989-present	Clinical Associate Professor, Department of Orthopedics, The University of Texas Health Science Center at Houston, Houston, TX
	1991-1993	Professor of Clinical Physical Medicine and Rehabilitation, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX
	1993-present	Professor and Chairman, Department of Physical Medicine and Rehabilitation, University of Texas Health Science Center Houston, Houston, TX
	1995-present	Adjunct Professor, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX

Editorial

Appointments:	1983-1992	Editor-in-Chief, Current Concepts in Rehabilitation Medicine, Baylor College of Medicine, Houston, TX
	1986-present	Associate Editor, The Journal of Spinal Cord
	1991-1994	Editorial Board, Spine Rehabilitation

Local Consultant

Positions:	1980-present	Ben Taub General Hospital SCI and Amputee Patients
	1980-2005	The Methodist Hospital SCI and Amputee Patients

1980-present Hermann Hospital
 All Patients

1980-1987 John Sealy Hospital
 SCI Patients

1980-present St. Luke's Episcopal Hospital
 SCI and Amputee Patients

1994-present Harris County Hospital District,
 All Patients

**PROFESSIONAL
ORGANIZATIONS:**

American Spinal Injury Association (Member) 1976-Present, Board of Directors, 1976-1993, Secretary-Treasurer 1983-1985, President-Elect 1985-1987, President 1987-1989, Past President 1989-1993.

American Association of Electromyography & Electrodiagnosis (now known as the American Board of Electrodiagnostic Medicine) 1975-present.

King County (WA) Medical Society (1973-1977)

American Academy of Physical Medicine & Rehabilitation (1972-present)

American Congress of Rehabilitation Medicine (1972-1996)

Association of Academic Physiatrists (1974-present)

Australian College of Physical & Rehabilitation Medicine (1977-1982)

Texas Medical Association (1982-present)

International Spinal Cord Society (ISCoS) formerly IMSoP (1979-present), Board of Councilors (1986-present). Vice-President for North America (2000-2004), President 2004 - Present.

International Spinal Cord Society, President (2004 – Present)

Harris County Medical Society (1980-present)

MAJOR RESEARCH:

Spinal Cord Injury, Amputation, Pain, Spasticity

**MAJOR EDUCATIONAL
INTEREST:**

Spinal Cord Injury, Amputee

MAJOR CLINICAL

RESPONSIBILITIES: Spinal Cord Injury, Amputee

POSTER PRESENTATION:

Grabois M, Donovan WH. A Successful Partnership in Education, Clinical Activities, Research, and Service. Presented at the Association of Academic Physiatrists (AAP) Meeting in San Juan, Puerto Rico, April 11-15, 2007.

PUBLICATIONS (Peer Reviewed Journals)

Papers Submitted:

1. Graves, D.E. Frankiewicz, R.G., Donovan, W.H. A Confirmation of the Two Dimensional Structure of the ASIA Motor Score. For Submission to Journal of Spinal Cord Medicine.

Papers Published:

1. Donovan WH and Taylor N: Ventilatory assistance in quadriplegia. Arch. Phys. Med. Rehabil. 54:485-488, 1973 (October).
2. Donovan WH and Kraft GH: Rotator cuff tear versus suprascapular nerve injury: A problem in differential diagnosis. Arch. Phys. Med. Rehabil. 55:424-428, 1974 (September).
3. Kiviat MD, Zimmerman TA, and Donovan WH: Sphincter stretch: A new technique resulting in continence and complete voiding in paraplegics. J. Urol. 114:895-897, 1975 (December).
4. Donovan WH and Sumi SM: Diabetic amyotrophy - A more diffuse process than clinically suspected. Arch. Phys. Med. Rehabil. 57:397-403, 1976 (August).
5. Donovan WH, Macri D and Clowers DE: A finger device for obtaining satisfactory voiding in spinal cord injured patients. Am. J. Occup. Ther. 31:107-108, 1977 (February).
6. Donovan WH: Physical measures in the treatment of juvenile rheumatoid arthritis. Arth. Rheum. Supplement 553-557, 1977 (March).
7. Donovan WH, Kiviat MD and Clowers DE: Intermittent bladder emptying via urethral catheterization and suprapubic cystocath: A comparison study. Arch. Phys. Med. Rehabil. 58:291-296, 1977 (July).
8. Donovan WH, Clowers DE, Kiviat MD and Macri D: Anal sphincter stretch: A technique to overcome detrusor-sphincter dyssynergia. Arch. Phys. Med. Rehabil. 58:320-324, 1977 (July).
9. Brooke MM, Donovan WH and Stolov WC: Paraplegia: Succinylcholine-Induced hyperkalemia and cardiac arrest. Arch. Phys. Med. Rehabil. 59:306-309, 1978 (July).
10. Donovan WH, Stolov WC, Clowers DE, and Clowers MR: Bacteriuria during intermittent catheterization following spinal cord injury. Arch. Phys. Med. Rehabil. 59:351-357, 1978 (August).
11. Donovan WH, and Bedbrook GM: Sensory and motor activity in the posterior primary rami following complete spinal cord injury. Arch. Phys. Med. Rehabil. 61:133-138, 1980 (March).

12. Donovan WH, Dwyer AP and Bedbrook GM: Electromyographic activity in paraspinal musculature in patients with idiopathic scoliosis, before and after Harrington instrumentation. Arch. Phys. Med. Rehabil. 61:413-417, 1980 (September).
13. Scott JA and Donovan WH: The prevention of shoulder pain and contracture in the acute tetraplegic patient. Paraplegia. 19:313-319, 1981 (October).
14. Low AI and Donovan WH: The use and mechanism of anal sphincter stretch in the reflex bladder. Brit. J. Urol. 53:430-432, 1981 (October).
15. Donovan WH, Dwyer AP, White BWS, Batalin NJ, Skerritt PW and Bedbrook GM: A multidisciplinary approach to chronic low back pain in Western Australia. Spine. 6:591-597, 1981 (November/December).
16. Donovan WH, Dimitrijevic MR, Dahm L, and Dimitrijevic M: Neurophysiological approaches to chronic pain following spinal cord injury. Paraplegia. 20:135-146, 1982 (June).
17. Donovan WH, Clifton G and Carter RE: Developing a system of comprehensive care for the spinal cord injured patient in Houston, TX, USA. Paraplegia. 20:174-179, 1982 (June).
18. Stal S, Serure A, Donovan WH and Spira M: The perioperative management of the patient with pressure sores. Annals of Plastic Surgery. II:347-356, 1983 (October).
19. Donovan WE, Carter RE, Bedbrook GM, Young JS and Griffiths ER: Incidence of medical complications in spinal cord injury: Patients in specialized, compared with nonspecialized centers. Paraplegia. 22:282-290, 1984 (October).
20. Spencer WA, Donovan WH and Carter RE: Spinal-cord injury. A Prototype "System" Model for the prevention and control of severe disability. J. of Rehabil. Rsch. and Devel. 21:2-9, 1984 (July).
21. Donovan WH and Dwyer AP: An update of the early management of traumatic paraplegia (nonoperative and operative management). Clin. Orthop-2.189:12-21, 1984 (October).
22. Clifton GL, Donovan WH and Frankowski RF: Patterns of care for the patient with spinal cord injury. Current Concepts in Rehabilitation Medicine. 2:14-17, 1985 (January).
23. Donovan WH: Management and follow-up of spine stabilization. Current Concepts in Rehabilitation Medicine. 3:9-11, 1986 (July).
24. Carter RE, Donovan WH, Halstead L and Wilkerson MA: Comparative study of electrophrenic nerve stimulation and mechanical ventilatory support in traumatic spinal cord injury. Paraplegia. 25:86-91, 1987 (April).
25. Donovan WH: Medical-legal issues concerning spinal trauma. Paraplegia. 25:305-307, Silver Jubilee Edition, 1987 (June).
26. Donovan WH, Kopaniky D, Stolzmann E, and Carter RE: Neurological and skeletal outcomes in patients with closed cervical spinal cord injury. J. Neurosurg. 66:690-694, 1987 (May).

27. Fuhrer MJ, Carter RE, Donovan WH, Rossi CD and Wilkerson MA: Post- discharge outcomes for ventilator-dependent quadriplegics. Arch. of Phys. Med. and Rehabil. 68:353-356, 1987 (June).
28. Donovan WH, Carter RE and Wilkerson MA: A profile of denials of durable medical equipment for SCI patients by third party payors. American Journal of Physical Medicine. 66:238-243, 1987 (October).
29. Donovan WH, Carter RE, Rossi D, and Wilkerson NIA: Effect of clonidine on spasticity: A clinical trial. Arch. of Phys. Med. and Rehabil. 69:188-192, 1988 (March).
30. VerVoort SM, Donovan WH, Dykstra DD, and Syers P: Increased current delivery and sperm collection using nifedipine during electro-ejaculation in men with high spinal cord injuries. Arch. of Phys. Med. and Rehabil. 69:595-597, 1988 (August).
31. Cardus D, McTaggart, WG, Ribas-Cardus F, and Donovan WH: Energy requirements of gamefield exercises especially designed for the wheelchair person. Arch. Phys. Med. Rehabil. 79:124-127, 1989 (February).
32. Donovan, WH, Wilkerson, WH, Rossi, D, Mechoulam, F, and Frankowski, RF: A Test of the Asia Guidelines for Classification of Spinal Cord Injuries. J. of Neurol. Rehabil. 4:39-53, 1990.
33. Donovan WH, Hull R, and Cifu DX: The use of plasmid analysis to determine the source of bacterial invasion of the urinary tract. Paraplegia. 28:573-582, 1990 (November).
34. Sandin KJ, Bontke CF, and Donovan WH: Rehabilitation of LI paraplegia complicated by traumatic brain injury, left olecranon fracture, and right above elbow amputation: An integrative approach. Current Concepts in Rehabilitation Medicine. 5:14-18, 1990 (Spring-Summer).
35. Loubser PG and Donovan WH: Diagnostic spinal anesthesia in chronic spinal cord injury pain. Paraplegia. 29:25-36, 1991 (January).
36. Loubser PG, Narayan RK, Sandin KJ, Donovan WH, and Russell KD: Continuous infusion of intrathecal baclofen: long-term effects on spasticity in spinal cord injury. Paraplegia. 29:48-64, 1991 (January).
37. Sandin KJ and Donovan WH: Diagnosis and Management of Candida Pyelonephritis Complicating Traumatic C5 Quadriplegia. Archives of Physical Medicine and Rehabilitation, 72:243-246, 1991 (March).
38. Narayan RK, Loubser PG, Jankovic J, Donovan WH, and Bontke CF: Intrathecal baclofen for intrathecal axial dystonia. Neurology, 41:1141-1142,1991 (July).
39. Kardesch CB and Donovan WH: Unusual complications of anterior spine stabilization procedures. Neuro Rehabil. 1:63-67, 1991 (November).
40. Donovan WH: The Evolution of the Spinal Cord Unit: East and West. Paraplegia, 30:27-30, 1992 (January).
41. Kofler M, Donovan WH, Loubser PG, Beric A: Effects of Intrathecal Baclofen on Lumbosacral and Cortical Somatosensory Evoked Potentials. Neurology, 42:864-868, 1992 (April).
42. Donovan WH, Cifu DX, Schotte DE: Neurological and Skeletal Outcomes in 113 Patients with Closed Injuries to the Cervical Spinal Cord. Paraplegia 30:533-542, 1992 (August).

43. Glennon TP, Madewell JE, Donovan WH, Bontke CF and Spjut HJ: Neuropathic Spinal Arthropathy After Spinal Cord Injury: A Report of Three Cases. Spine, 17:964-971, 1992 (August).
44. Akman MN, Loubser PG, Donovan WH, O'Neill ME, Rossi CD: Intrathecal Baclofen: Does Tolerance Occur? Paraplegia, 31:516-520, 1993) (August).
45. Ditunno JF, Young W, Donovan WH, Creasey G: The International Standards Booklet for Neurological and Functional Classification of Spinal Cord Injury. Paraplegia -32:70-80, 1994 (February).
46. Akman MN, Loubser PG, Fife CE, Donovan WH: Hyperbaric oxygen therapy: implications for spinal cord injury patients with intrathecal baclofen infusion pumps. Paraplegia 32:281-284, 1994 (April).
47. Donovan WH: Operative and Non-Operative Management of the Spinal Cord Injury: A Review. Paraplegia, 32:375-388, 1994 (June).
48. Bailey HR, Donovan WH: Autonomic dysreflexia resulting from prolapsed hemorrhoids: report of a case. Diseases of the Colon & Rectum, 37:492-493, 1994.
49. Akman WH, Donovan, WH: Empyema Due to *E. Coli* in a Patient with Spinal Cord Injury. Journal of Rheumatology and Medical Rehabilitation. 5:112-115, 1994 (Turkey).
50. Clifton GL, Donovan WH, Dimitrijevic MD, Allen SJ, Andrew K, Pots JR, Moody FG, Boake C, Sherwood AM, Edwards, JV: Omental Transposition in Chronic Spinal Cord Injury. Paraplegia, 34:193, 1996 (April).
51. Atkins DJ, Heard DC, Donovan WH: Epidemiologic Overview of Individuals with Upper-Limb Loss and Their Reported Research Priorities. Journal of Prosthetics and Orthotics, 8:2-11, 1996 (Winter).
52. Donovan WH, Hull RA, Rossi CD: Analysis of Gram Negative Recolonization of the Neuropathic Bladder Among Patients with Spinal Cord Injuries. Spinal Cord, 34:587-591, 1996 (October).
53. Maynard Jr. FM, Bracken MB, Creasey G, Ditunno Jr. JF, Donovan WH, Ducker DB, Garber SL, Marino RJ, Stover SL, Tator CH, Waters RL, Wilberger JE, Young, W: International Standards for Neurological and Functional Classification of Spinal Cord Injury. Spinal Cord, 35:265-274, 1997 (May).
54. Donovan WH, Brown DJ, Ditunno Jr. JF, Dollfus P, Frankel BL: Clinical Case of the Month-Neurological Issues. Spinal Cord, 35:275-281, 1997 (May).
55. Donovan WH: Profile of The Institute for Rehabilitation and Research. Spinal Cord, 35:565-568, 1997 (September).
56. Hull RA, Rudy DC, Wieser IE, Donovan WH: Virulence Factors of *Escherichia coli* Isolates From Patients with Symptomatic and Asymptomatic Bacteriuria and Neuropathic Bladders Due to Spinal Cord and Brain Injuries. J. Clin. Microbiol., 36:115-117, 1998 (January).
57. Cohen NM, Ditunno JF, Donovan WH, Maynard FM: A test of the 1992 International Standards for Neurological and Functional Classification of Spinal Cord Injury. Spinal Cord 36:554-560, 1998 (August).
58. Hull RA, Rudy DC, Donovan WH, Wieser IE, Stewart C, Darouiche RO: Virulence Properties of *Escherichia coli* 83972, a Prototype Strain Associated with Asymptomatic Bacteriuria. Infect. Immun., 67:429-432, 1999 (January).

59. Marino RJ, Ditunno JF, Donovan WH, Maynard FM: Neurological Recovery After Traumatic Spinal Cord Injury: Data from the Model SCI Systems. Arch Phys Med Rehabil 80:1391-1396, 1999 (November).
60. Hull RA, Rudy DC, Donovan WH, Svanborg C, Wieser IE, Stewart C, Darouiche R: Urinary Tract Infection Prophylaxis Using *Escherichia Coli* 83972 in Spinal Cord Injured Patients. J. Urol., 163:872-877, 2000 (March).
61. Donovan WH, Halter JA, Graves DE, Blight AR, Cavillo O, McCann, MT, Sherwood, AM, Castillo T, Parsons KC, and Strayer JR: Intravenous Infusion of 4-AP in Chronic Spinal Cord Injured Subjects. Spinal Cord, 38:7-15, 2000 (Jan)
62. Halter JA, Blight AR, Donovan WH, Calvillo O: Intrathecal Administration of 4-Aminopyridine in Chronic Spinal Injured Patients. Spinal Cord, 38:728-732, 2000 (Dec.)
63. Darouiche RO, Donovan WH, Del Terzo M, Thornby JI, Rudy, DC, Hull, RA: Pilot Trial of Bacterial Interference for Preventing Urinary Tract Infection. Urology 58(3), 339-344, 2001.
64. Hull RA, Donovan WH, Del Terzo M, Stewart C, Rogers M, Darouiche, RO: Role of Type 1 Fimbria-and P Fimbria-Specific Adherence in Colonization of the Neurogenic Human Bladder by *Escherichia Coli*. Infection and Immunity, 70:6481-6484, Nov. 2002.
65. Chiou-Tan FY, Garza H, Chan KT, Parsons KC, Donovan WH, Robertson CS, Holmes SA, Graves DE, Rintala DH. Comparison of Dalteparin and Enoxaparin for Deep Venous Thrombosis Prophylaxis in Patients with Spinal Cord Injury. Am J Phys Med Rehabil, Vol 82, 678-685, No. 9, July 2003.
66. Darouiche RO, Thornby JI, Cerra-Stewart C, Donovan WH, Hull RA. Bacterial Interference for prevention of Urinary Tract Infection: A Prospective, Randomized, Placebo-Controlled, Double-Blind Pilot Trial. Clinical Infectious Diseases, 41:1531-4, Nov 2005.
67. Graves DE, Frankiewicz RG, Donovan WH. Construct Validity and Dimensional Structure of the ASIA Motor Scale. The Journal of Spinal Cord Medicine 29:39-45, Aug 2005.
68. Donovan, WH. Donald Munro Lecture: Spinal Cord Injury – Past, Present, and Future. The Journal of Spinal Cord Medicine 30:85-100, May 2007.

Books, Chapters or Monographs Published:

1. Donovan WH: Physical Measures in the Treatment of Juvenile Rheumatoid Arthritis. In: Miller JJ (ed.) Juvenile Rheumatoid Arthritis. Littleton, MH, PSG Publishing Co., Inc., 209-277, 1979.
2. Donovan WH: Section on complications. In: Bedbrook GM-Spinal Injuries with Tetraplegia or Paraplegia. J. Bone Joint Surg. 61-B(3):267-284, August 1979.
3. Donovan WH: Chapter on spinal cord injury. Handbook of Severe Disability. Stolov WC and Clowers MR (eds.), Rehabilitation Services Administration, Dept. of Education, 1981.

4. Bedbrook GM and Donovan WH: Restoration of function. In: Clinical Science for Surgeons, Part I, Examination Syllabus for the Royal Australian College of Surgeons, Burnett W (ed.), Butterworth & Co., Melbourne, Chapter 29, 1981.
5. Donovan WH and Bedbrook GM: Comprehensive Management Following Spinal Cord Injury. CIBA Clinical Symposia. 34, No. 2, 1982.
6. Donovan, WH: Sexuality and Sexual Function. In: The Lifetime Care of Paraplegia. Bedbrook GM (ed.), Churchill Livingstone, Edinburgh, 1985.
7. Donovan WH: The Gastrointestinal System. In: The Lifetime Care of Paraplegia, Bedbrook GM (ed.) Churchill Livingstone, Edinburgh, 1985.
8. Donovan WH, Garber S, Rodriguez G, Krouskop T, Stal S, and Hamilton S: Pressure Ulcers in REHABILITATION MEDICINE: PRINCIPLES AND PRACTICE, Ed. DeLisa JA, Currie D, Gans B, Gatens P, Leonard JA, and McPhee M. J. B. Lippincott Company, Philadelphia, PA, 1988.
9. Donovan WH: Neurologic and Orthopedic Considerations. In: Spine Management in the Changing Scene in High Quadriplegic Care. 1. Ed. Whiteneck G: Demos Publications, New York, NY, 1989.
10. Donovan WH: Standards for Neurological Classification of Spinal Injury Patients. American Spinal Injury Association Booklet, Atlanta, GA, 1989.
11. Donovan WH and Hart K: Training, and Dissemination Activities of the Model Systems in Spinal Cord Injury: The Model, Proceedings of the National Consensus Conference on Catastrophic Illness and Injury - The Spinal Cord Injury Model: Lessons Learned and New Applications. Apple, DF, Hudson, LM: (Ed.) Shepherd Spinal Injury Center, Atlanta, GA, 1989.
12. Ditunno JF, Jr., Stover SL, Donovan WH, Waters RL, Sniezek JE: Research and Training Benefits of the Model System. In Apple DF, Hudson LM (eds): Spinal Cord Injury: The Model. Proceedings of the National Consensus Conference on Catastrophic Illness and Injury, December 1989. Atlanta, GA, The Georgia Regional Spinal Cord Injury Care System, Atlanta, GA, 1990:85-108.
13. Donovan WH: Functional Expectations in Spinal Cord Injury. In Proceedings: First Colloquium on Preventing Secondary Disabilities Among People With Spinal Cord Injuries. Ed. Graitcer PL and Maynard FM, U. S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Centers for Disease Control, Atlanta, GA, February 27-28, 1990.
14. Donovan WH: Advances in Rehabilitation of Persons with Spinal Cord Injury. In: Recent Advances in Rehabilitation Medicine. Eds. Kottke FJ and Amate EA; Pan American Health Organization, Washington, DC, 1991.
15. Donovan WH and Cotler HB: Traumatic Spinal Injuries-Cervical, Thoracic, Lumbar. In REHABILITATION OF THE SPINE: Science and Practice. Hachschuler SH, Cotler HB and Guyer RD, eds. Mosby, 25:301-323, 1992.
16. Donovan WH: Spinal Cord Injury in Prognosis in Neurological Disorders. Evans, RW, Baskin, DS, and Yatsu FM (ed.), Oxford University Press, 8:109-118, 1992.

17. Ditunno JF, Young W, Donovan WH: Standards for Neurologic Classification of Spinal Cord Injury Patients. American Spinal Injury Association Booklet, Atlanta, GA, 1993.
18. Donovan WH, Garber S, Rodriguez G, Krouskop T, Shenaq SM, and Dinh T: Pressure Ulcers in REHABILITATION MEDICINE: PRINCIPLES AND PRACTICE, 2nd Ed. DeLisa JA, Currie D, Gans B, Gatens P, Leonard JA, and McPhee M., J.B.Lippincott Company, Philadelphia, PA, 35:716-732, 1993.
19. Lanig, IS and Donovan WH: Spinal Cord Injury. In The Handbook of Physical Medicine and Rehabilitation Basics. Ed. Susan J. Garrison., J.B. Lippincott Company, Philadelphia, PA, 17:335-368, 1995.
20. Donovan WH: Rehabilitation Treatment and Complications of Spinal Cord Injury. In Neurology and Trauma, ed. Randolph Evans, W.B. Saunders & Company, Philadelphia, PA, Vol. 1, 17:300-322, 1996.
21. Clifton GL, Donovan WH, Dimitrijevic MM, Ku A, Boake C, Papadopoulos S: Revascularization and Scar Prevention: Omental Transposition and Spine Surgery. In Spine Surgery: Techniques, Complications, Avoidance and Management, ed. Edward Benzell, Churchill Livingstone, New York, NY, Volumes I & 2, 58:, 1997.
22. Maynard Jr, FM, Brockew MB, Creasy G, Ditunno JF, Donovan WH, Ducker TB, Garber SL, Marino RJ, Stover SL, Tator CH, Waters RL, Wilberger JE, Young W: International Standards for Neurological and Functional Classification of Spinal Cord Injury. American Spinal Injury Association, International Medical Society for Paraplegia. Chicago, Ill. 1996.
23. Marino RJ, Ditunno JF, Donovan WH, Hudson LM, Priebe M, Stover SL, Tator CH, Wilberger JE: International Standards for Neurological Classification of Spinal Cord Injury. Chicago, Ill. 2000.
24. Kirshblum S, Donovan WH: Neurologic Assessment and Classification of Traumatic Spinal Cord Injury. Spinal Cord Medicine. Ed. Steven Kirshblum, Denise I. Campagnolo, Joel A. DeLisa. Lippincott, Williams & Wilkins. Philadelphia, PA 2002.
25. MarinoRJ, Barros T, Biering-Sorensen F, Burns SP, Donovan WH, Graves DE, et al. International Standards for Neurological Classification of Spinal Cord Injury. J Spinal Cord Med, 29 (S1):S50-S56, 2003.
26. LaTorre JM, Donovan, WH. Postoperative Management and Rehabilitation.. In Management of Thoracolumbar Fractures. Ed, Charles A. Reitman, American Academy of Orthopaedic Surgeons, Rosemont, IL 2004
27. Harvey, Lisa. Management of Spinal Cord Injuries. Foreword by William H. Donovan. Churchill Livingstone Elsevier, 2008.

Other Publications:

1. White BWS, Donovan WH, Dwyer AP, Skerritt PW, Batalin NJ and Bedbrook GM: A Comprehensive Program for the Assessment and Treatment of Chronic Low Back Pain in Western Australia. In: Peck C and Wallace M (Eds.), Proceedings of the First Australia-New Zealand Conference on Pain. Melbourne, Australia, Pergamen Press, 1978.
2. Donovan WH: Barriers to Employment and Reemployment of the Nonseverely Disabled. Proceedings of the Seminar on Barriers to Employment and Reemployment of the Nonseverely Disabled. Perth, Australia, 43-47, 1979 (April).

3. Donovan WH- A Look at Spinal Cord Injury Down Under. SCI Digest. 2:15-17, 1980 (Fall).
4. Donovan WH: Paraspinal EMG (Letter). Arch. Phys. Med. Rehabil. 61:410-1, 1981 (August).
5. Carter RE and Donovan WH: Reflections on the Impact of Electrophenic Respiration in the Management of High Quadriplegics. SCI Digest. Vol. 3, 3:37-43, 1981 (Fall).
6. Donovan WH: Approaches to Rehabilitation - Early Rehabilitation. Paraplegia News. 37-30-33, 1983 (December).
7. Donovan WH: Commentary: The System Concept of Care and a Categorical Approach to Rehabilitation. Current Concepts in Rehabilitation Medicine. 1:30-32, 1984 (January).
8. Donovan WH: New Developments in Spinal Cord Injury. Guest Editorial Rehabilitation Report. 2, 1986 (January).
9. Donovan WH, Freed NM, and Waters RL: Durable Medical Equipment for the Patient with Spinal Cord Injury. Task Force Report of the American Spinal Injury Association. Chicago, IL, 1986 (December).
10. Donovan WH: Neurological Assessment: Motor Examination. In Dittunno JF, Donovan WH, Maynard FM(eds): Reference manual for the international standards for neurological and functional classification of spinal cord injury. Atlanta, Georgia, American Spinal Injury Association, 1994:19-41.
11. Cohen ME, Bartko JJ: Reliability of ISCSCI-92 for neurological classification of spinal cord injury. In Dittunno JF, Donovan WH, Maynard FM (eds): Reference manual for the international standards for neurological and functional classification of spinal cord injury, Atlanta, Georgia, American Spinal Injury Association, 1994:59-66.
12. Donovan WH: Review of Rehabilitation Medicine Services at VA Puget Sound Health Care Systems, Seattle, Washington, Feb. 27, 1998.
13. Donovan WH: Question Writing, American Board of Physical Medicine and Rehabilitation Recertification Examination. Recertification questions sent to Board office, November 30, 1999.

INVITED LECTURESHIPS AND PRESENTATIONS:

1. Donovan WH and Taylor N: Ventilatory Assistance in Quadriplegia. Presented to AAPM&R and 49th Annual Session of American Congress of Rehabilitation Medicine, August 23, 1972, Denver Hilton Hotel, Denver, CO. Abstract Published. Arch. Phys. Med. Rehabil. 53:580,1972 (December).
2. Donovan WH and Kraft GM- Rotator Cuff Tear Versus Suprascapular Nerve Injury: A Problem in Differential Diagnosis. Presented to the Combined Annual Scientific Meeting, of the ACRM/AAPM&R, Sheraton Park Hotel, Washington, DC, October 25, 1973. Abstract Published. Arch. Phys. Med. Rehabil. 54:577, 1973 (December).
3. Donovan WH and Sumi SM: Diabetic Amyotrophy: A More Diffuse Process Than Clinically Suspected. Presented to the ACRM/AAPM&R Annual Scientific Meeting, San Francisco, CA, November 1974.

- Abstract Published. Arch. Phys. Med. Rehabil. 55:568,1974 (December) and JAMA 236 (23):2687, 1976 (December).
4. Donovan WH: Physical Measures in the Treatment of Juvenile Rheumatoid Arthritis. Presented at the First International Meeting for the Treatment of Rheumatic Diseases of Childhood, Park City, UT, March 1976.
 5. Donovan WH Kiviat MD and Clower DE: Intermittent Bladder Emptying via Urethral Catheter and a Cystocath. A Comparison Study. Presented at the 13th Annual NWPM&R Meeting, April 1976.
 6. Donovan WH: Management of Chronic Pain. Management of Low Back Pain. Management of Stroke. Presented at the Veteran's Administration Hospital. Department of Physical Medicine and Rehabilitation, Fort Mead, SD, June 10-11, 1976.
 7. Donovan WH, Kiviat MD, and Clowers DE: Intermittent Bladder Emptying via Urethral Catheter and Suprapubic Cystocath. A Comparison Study. Presented at an Invitational Lecture at the University of Missouri, Columbia, MO, August 26, 1976.
 8. Donovan WH, Clowers DE, Macri D, and Yiviat NM: Anal Sphincter Relaxation. A Non-Invasive Technique to overcome Dyssynergia: Its Extension to Include Treatment of Quadriplegics. Presented to the Combined Annual Scientific Meeting of the ACRM/AAPM&R, San Diego, CA, November 8, 1976. Abstract Published. Arch. Phys. Med. Rehabil. 57:528, 1976 (November).
 9. Donovan WH, Kiviat MD, Clowers DE and Lehmann JF: Intermittent Bladder Emptying via Urethral Catheterization and a Cystocath. A Comparison Study. Presented to the Combined Annual Scientific Meeting, of the ACRM/AAPM&R, San Diego, CA, November 10, 1976. Abstract Published. Arch. Phys. Med. Rehabil. 57:529, 1976 (November).
 10. Donovan WH, Clowers DE, Clowers WH and Lehmann JF: Monitoring of Bacterial Habitation of the Urinary Bladder in Patients Undergoing Intermittent Catheterization Following Spinal Cord Injury. Presented to the Combined Annual Scientific Meeting of the ACRM/AAPM&R, San Diego, CA, November 10, 1976. Abstract Published. Arch. Phys. Med.Rehabil. 57:529, 1976 (November).
 11. Donovan WH, Clowers DE, Macri D and Kiviat MD: Anal Sphincter Relaxation: A Noninvasive Technique to Overcome Dyssnergia. Presented to the American Spinal Injury Association Third Annual Meeting, Dutch Inn, Lake Buena Vista, FL, April 4, 1977.
 12. Brooke NM, Donovan WH, and Stolov WC: Succinylcholine Induced Hyperkalemia and Cardiac Arrest in Three Paraplegic Patients. Presented to the Combined Annual Scientific Meeting of the ACRM/AAPM&R, Miami, FL, November 1977. Abstract Published. Arch. Phys. Med. Rehabil. 58:1977 (November).
 13. Donovan WH, and Bedbrook GM: Sensory and Motor Activity in the Posterior Primary Rami Following Complete Spinal Cord Injury. Presented at the 7th Annual Scientific Meeting of the Australian Orthopaedic Association of Western Australia, Fremantle, Western Australia, August 19, 1978.
 14. Donovan WH, and Bedbrook GM: Sensory and Motor Activity in the Posterior Primary Rami Following Complete Spinal Cord Injury. Presented to the Combined Annual Scientific Meeting of the ACRM/AAPM&R, Hyatt Reoency Hotel, New Orleans, LA, November 12, 1978. Abstract Published. Arch. Phys. Med. Rehabil. 59:1978 (November).

15. White BWS, Donovan WH, Dwyer AP, Skerritt PW, Batalin NM and Bedbrook GM: A Comprehensive Program for the Assessment of Chronic Low Back Pain in Western Australia. Presented at the First Australia-New Zealand Conference on Pain, LaTrobe University, Melbourne, Victoria, Australia, December 3, 1978. Abstract Published in Abstract Booklet.
16. Donovan WH and Low AI: The Mechanism of Voiding by Anal Sphincter Stretch in the Reflex Bladder. Presented at the 32nd Annual General Meeting of the Urological Society of Australia, Melbourne, Victoria, Australia, March 20, 1979.
17. Dwyer AP, Donovan WH, White BWS, Skerritt PW, Batalin NJ and Bedbrook GM: A Multidisciplinary Approach to Low Back Pain in Western Australia. Presented at the 6th Annual Meeting of the International Society for the Study of the Lumbar Spine, Goteborg, Sweden, May 30, 1979. Abstract published in Abstract Booklet.
18. Donovan, WH: Barriers to Employment and Re-employment of the NonSeverely Disabled. Presented at the One Day Seminar on Barriers to Employment and Reemployment of the Non-Severely Disabled, Sir Charles Gairdner Hospital, Perth, Western Australia, April 7, 1979. Abstract published - Conference Booklet.
19. Donovan WH: Medical and Nursing Care of Acute Spinal Cord Injury. Presented at The Institute for Rehabilitation and Research, Houston, TX, February 29, 1980.
20. Donovan WH: Rehabilitation Techniques in Early Management and During Definitive Hospital Care of Spinal Cord Injury. Presented at the Spinal Cord Injury Workshop. American Association of Neurological Surgeons and Congress of Neurological Surgeons, Chicago, IL, September 25, 1980.
21. Donovan WH: Evolution and Completion of a Clinical Research Project: The Principles. Presented at Research-Facilitation and Stimulation Seminar, Association of Academic Physiatrists Spring 1981 Meeting, Houston, TX, March 16, 1981.
22. Donovan WH: Evaluation and Treatment of Spinal Cord Injury. Presented at the 15th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, April 24, 1981.
23. Donovan WH, Dahm LS, and Dimitrijevic M: Neurophysiologic Approaches to Pain Following Spinal Cord Injury. Presented at the Annual Meeting of the International Medical Society of Paraplegia, Aylesbury, England, July 1981.
24. Donovan WH, Clifton G, and Carter RE: Establishing a Comprehensive System for Spinal Cord Injury in Houston, TX, USA. Presented at the Annual Meeting of the International Medical Society of Paraplegia, Aylesbury, England, July 1981.
25. Donovan WH: The Australian Experience with the Spinal Cord Injured Patients. Presented at the Sixth Annual Course: Management of the Spinal Cord Injured Patient at the Rehabilitation Institute of Chicago, IL, September 15-16, 1981.
26. Donovan WH: The Outcome and Rehabilitation of Spinal Cord Injury. Presented at Emergency Medicine seminar at The University of Texas Medical Branch at Galveston, TX, September II, 1981.
27. Donovan WH: Pathophysiology of Cervical Cord Trauma. Presented at the American Association of Critical Care Nurses (Houston-Gulf Coast Chapter), Houston, TX, Stouffers Hotel, October 30, 1981.

28. Donovan WH: Non-operative Management of Thoracolumbar Injuries. Presented at the Current Concepts in the Management of Spinal Cord Injury, sponsored by the American Academy of Orthopaedic Surgeons, Galleria Plaza Hotel, Houston, TX, December 11, 1981.
29. Donovan WH: Long Term Care of Spinal Cord Injured Patients. Presented at the Advanced Critical Care Nurses Course sponsored by Hermann Hospital, Houston, TX, February 17, 1982.
30. Donovan WH: Evaluation and Treatment of Spinal Cord Injury Patients. Presented at the 16th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 24, 1982.
31. Donovan WH: Common Complications in Spinal Cord Injury Patients. Presented at the 16th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 24, 1982.
32. Donovan WH: Anatomical and Physiological Changes Associated with Spinal Cord Injury. Presented at the Nursing Management of the Acute Spinal Cord Injured Patient Workshop, sponsored by The Institute for Rehabilitation and Research, Houston, TX, April 1, 1982.
33. Donovan WH: Trends in the Medical Management of the Spinal Cord Injured Patient. Presented at the Nursing Management of the Acute Spinal Cord Injured Patient Workshop, sponsored by The Institute for Rehabilitation and Research, Houston, TX, April 1, 1982.
34. Donovan WH: Spinal Cord Injury - The First Thirty Days. Chairman: Presented at the Eighth Annual Scientific Meeting, sponsored by The American Spinal Injury Association, New York, NY, April 18, 1982.
35. Donovan WH: Management of Late Spinal-Skeletal Problems - Pain. Presented at the Eighth Annual Scientific Meeting, sponsored by The American Spinal Injury Association, New York, NY, April 19, 1982.
36. Dimitrijevic LD, Lehmkuhl A, Sherwood A, Campos RJ, Donovan WH and McKay WB: Subclinical Evidence of Cauda Equina Lesions in Patients with Cervical or Upper Thoracic Spinal Cord Lesions. Presented at the Eighth Annual Scientific Meeting, sponsored by The American Spinal Injury Association, New York, NY, April 18-20, 1982. Abstract published in Abstract Digest.
37. Donovan WH: Current Concepts in Spinal Cord Injury Care. Presented at Veterans Administration Hospital at Augusta, GA, to Medical Staff and Nursing Staff, July 22-23, 1982.
38. Donovan WH: Moving Rehabilitation Into the Acute Phase of Spinal Injury. Chairman: Presented at 59th Annual Session American Congress of Rehabilitation Medicine, Hyatt Regency Hotel, Houston, TX, November 5, 1982.
39. Donovan WH: Neck and Upper Extremity Orthoses in Quadriplegia. Presented at the Orthotics Course, sponsored by Department of Physical Medicine, Baylor College of Medicine, Houston, TX, January 8, 1983.
40. Donovan WH: Anatomy and Physiology of SCI. Presented at the Short Term Care and Long Term Outcomes: The Spinal Cord Injury Management Continuum, sponsored by The Institute for Rehabilitation and Research, Stouffer's Hotel in Greenway Plaza, Houston, TX, February 3, 1983.

41. Donovan WH: Chronic Pain in Spinal Cord Injury. Presented at the Chronic Pain Conference: Evaluation and Management, sponsored by Department of Physical Medicine, Baylor College of Medicine, Houston, TX, February 12, 1983.
42. Donovan WH: Current Concepts in the Management of Spinal Cord Injuries. Sponsored by Southwest Texas Chapter of the American Association of Neurological Nurses Seminar, Warwick Hotel, Houston, TX, February 17, 1983.
43. Donovan WH, Bedbrook GM, Young JS, Carter RE, and Griffith ER: Incidence of Selected Medical Complications Among Spinal Cord Injured Patients Treated in an Ideal System Compared with Those Treated in a Non-System. Presented at the American Spinal Injury Association Ninth Annual Scientific Meeting, Denver, CO, April 11-13, 1983.
44. Dahm LS, Dimitrijevic M, Donovan WH, Herszkowicz I, and Lindblom U: Quantification of normal and Altered Sensation and Evaluation of Pain in Spinal Cord Injury Patients. Presented at the American Spinal Injury Association Ninth Annual Scientific Meeting, Denver, CO, April 11-13, 1983). Abstract Published in Abstract Digest.
45. Garrison SJ and Donovan WH: Posttraumatic Cysts: Review of Post-Operative Functional Outcomes. Presented at the American Spinal Injury Association Ninth Annual Scientific Meeting, Denver, CO, April 11-13, 1983. Abstract Published in Abstract Digest.
46. Donovan WH: Evaluation and Treatment of Spinal Cord Injury Patients. Presented at the 17th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, April 1983.
47. Donovan WH, Bedbrook GM, Young JS, Carter RE, and Griffith ER: Incidence of Selected Medical Complications Among Spinal Cord Injured Patients Treated in an Ideal System Compared with Those Treated in a Non-System. Presented at the International Medical Society of Paraplegia Meeting, in Aylesbury, England, May 18-20, 1983.
48. Donovan WH: A Comprehensive View of Spinal Cord Injury. Presented at St. Joseph Hospital at Albuquerque, NM, to Rehab Nurses, Physical Therapists and Occupational Therapists. September 17, 1983).
49. Donovan WH: Chronic Pain in Spinal Cord Injury. Presented at the Chronic Pain Conference: Evaluation and Management, sponsored by Department of Physical Medicine, Baylor College of Medicine, Houston, TX, February 25, 1984.
50. Donovan WH: The Cervical Spine: Update 1984. 20th Annual St. Luke's Orthopaedic Symposium, sponsored by the St. Luke's Episcopal Hospital and Baylor College of Medicine, Houston, TX, April 6-8, 1984.
51. Donovan WH: 18th Comprehensive Review Course in Physical Medicine and Rehabilitation. Evaluation and Acute Management and Comprehensive Rehabilitation of the Spinal Cord Injured. Baylor College of Medicine, Houston, TX, April 1984.
52. Donovan, WH: A Systems Approach for Comprehensive SCI Care and Control of Chronic Pain. Individuals with Spinal Cord Injuries - Meeting Their Needs, Honolulu, HI, February 1985.
53. Donovan WH: Spinal Cord Injury Orientation Course. Overview of the Effects of Spinal Cord Injury and Pulmonary Care and the Spinal Cord Injury. St. Luke's Hospital, Houston, TX, March 27, 1985.

54. Donovan WH: Indications and Methods for Nonoperative Treatment of Spinal Cord Injury: American Academy Orthopaedic Surgery Continuing Education Course on Spinal Man, Keystone, CO, March 1985.
55. Donovan WH: 19th Comprehensive Review Course in Physical Medicine and Rehabilitation. Evaluation and Acute Management and Comprehensive Rehabilitation. Baylor College of Medicine, Houston, TX, April 1985.
56. Donovan, WH, Kopaniky, D, Stolzmann, E, and Carter, RE: Neurological and Skeletal Outcomes in Patients with Closed Cervical Spinal Cord Injury. Presented at the 11th Annual Meeting of the American Spinal Injury Association, Atlanta, GA, April 13-15, 1985. Abstract Published in Abstract Digest.
57. Donovan, WH: Pulmonary Care and the Spinal Cord Injury and Overview of the Physical Effects of Spinal Cord Injury. Spinal Cord Injury Orientation Course, VA Hospital, Seattle, WA, April 1985.
58. Donovan, WH: New Concepts in the Control of Spasticity. Bridging the Gap Between Spinal Cord Injury Disability and Ability, Baylor Institute for Rehabilitation, Houston, TX, May 16 and 17, 1985.
59. Donovan, WH: Comprehensive Rehabilitation Nursing Course, Evaluation and Treatment of Spinal Cord Injury Patients. The Institute for Rehabilitation and Research, Houston, TX, October 17, 1985.
60. Donovan, WH: Autonomic Dysreflexia. Contemporary Issues in Urologic and Sexual Rehabilitation, Tulane Medical Center, New Orleans, LA, November 8-9, 1985.
61. Donovan VTH: Treatment of Neurogenic Bladder - Surgical, Pharmacological, Electrical Stimulation Intermittent Catheterization, Neurosurgical. Contemporary Issues in Urological and Sexual Rehabilitation, Tulane Medical Center, New Orleans, LA, November 8-9, 1985.
62. Donovan WH: Multidisciplinary Care of High Quads C4 and Up: Second Multi-Center Conference. The Institute for Rehabilitation and Research, Houston, TX, November 21-22, 1985.
63. Donovan, WH: Innovative and Controversial Strategies in Rehabilitation III: Technology and Technique. The University of Miami, Miami, FL, December 4-8, 1985.
64. Donovan WH: A Profile of Denials of Durable Medical Equipment for SCI Patients by Third Party Payers. Presented at the 12th Annual Meeting American Spinal Injury Association, San Francisco, CA, March 13-15, 1986. Abstract Published in Abstract Digest.
65. Donovan WH: Effect of Clonidine on Spasticity: A Clinical Trial. American Spinal Injury Association, San Francisco, CA, March 13-15, 1986. Abstract Published in Abstract Digest.
66. Bontke CF, Donovan WH, and Madewell JE: Charcot Joint of the Spine Following SCI: 2 Case Reports and Review of the Literature. American Spinal Injury Association, San Francisco, CA, March 13-15, 1986. Abstract Published in Abstract Digest.
67. Donovan WH: Evaluation and Acute Management and Comprehensive Rehabilitation. Presented at the 20th Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, April 1986.

68. Donovan WH: Medical Care of the Spinal Cord Injury Patient. University of Texas Grand Rounds, Houston., TX, May 8, 1986.
69. Donovan WH: Modern Concepts in the Treatment of the Patient with Spinal Cord. First Annual Advanced Course for Allied Health Professionals, Virginia Beach, VA, September 11-13, 1986.
70. Donovan WH: Pain Syndromes in the Spinal Cord Injured Patient. First Annual Advanced Course for Allied Health Professionals, Virginia Beach, VA, September 11-13, 1986.
71. Donovan, WH: Effect of Clonidine on Spasticity: A Clinical Trial. Presented to the American Academy of Physical Medicine and Rehabilitation, Baltimore, NM, October 20, 1986.
72. Donovan WH: Clinical Oncology Grand Rounds. University of Texas M.D. Anderson Hospital and Tumor Institute, Houston, TX, November 21, 1986.
73. Donovan WH: Neuropathology and Spinal Cord Injury Syndrome. Acute Rehabilitation of the Spinal Cord Injured Patient: A Comprehensive Basic Course, Baylor College of Medicine, Houston, TX, November 20-21, 1986.
74. Donovan WH: Urological Management. Acute Rehabilitation of the Spinal Cord Injured Patient. A Comprehensive Basic Course, Baylor College of Medicine, Houston, TX, November 20-21, 1986.
75. Donovan W: Overview of New Research in SCI. Acute Rehabilitation of the Spinal Cord Injured Patient: A Comprehensive Basic Course, Baylor College of Medicine, Houston, TX, November 20-21, 1986.
76. Donovan WH: Neurological Findings: Acute (Assessment and Categorization). Restorative Neurology and Comprehensive Rehabilitation of the Spinal Cord Injured Patient. Baylor College of Medicine, Houston, TX, December 8-9, 1986.
77. Donovan WH: Management of Paralysis in Acute SCI. Restorative Neurology, and Comprehensive Rehabilitation of the Spinal Cord Injured Patient. Baylor College of Medicine, Houston, TX, December 8-9, 1986.
78. Donovan WH: Clinical Observations of Recovery in Subacute SCI. Restorative Neurology and Comprehensive Rehabilitation of the Spinal Cord Injured Patient. Baylor College of Medicine, Houston, TX, December 8-9, 1986.
79. Donovan WH: Spinal Cord Injury: From Injury to Independence. Acute Care. The Rehabilitation Institute, Kansas City, MO, March 6-7, 1987.
80. Donovan WH: Spinal Cord Injury: From Injury to Independence. Spasticity and Its Complications. The Rehabilitation Institute, Kansas City, MO, March 6-7, 1987.
81. Donovan WH: Spinal Cord Injury From Injury to Independence. Regeneration of Spinal Cord Injury. The Rehabilitation Institute, Kansas City, MO, March 6-7, 1987.
82. Donovan WH: Spinal Cord Injury: Acute Evaluation and Management. Presented at the 21st Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 2-12, 1987.

83. Donovan WH: Spinal Cord Injury Comprehensive Rehabilitation. Presented at the 21st Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 2-12, 1987.
84. Donovan WH: Neurogenic Bowel and Bladder. Presented at the 21st Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 2-12, 1987.
85. Donovan WH: Management of Decubitus Ulcers. Presented at the 21st Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 2-12, 1987.
86. Donovan WH: Management of Spinal Injury. Grand Rounds at The University of Texas Health Science Center at Houston, TX, April 30, 1987.
87. Donovan WH: Spinal Cord Injury. Chronic Pain Course. Baylor College of Medicine, Houston, TX, May 7-9, 1987.
88. Donovan WH: Phantom Pain. Grand Rounds at Parkway Hospital at Houston, TX, July 10, 1987.
89. Hull RA, Brown HB, and Donovan WH: Molecular Epidemiology of Klebsiella Pneumoniae Urinary Infection in Spinal Cord Injury Patients. Program and Abstracts of the Twenty-Seventh Interscience Conference on Antimicrobial Agents and Chemotherapy. American Society for Microbiology, Atlanta, GA, March 1-6, 1987.
90. Lanig IS and Donovan WH: Pre-Existing Bilateral Grade IV Vesicoureteral Reflux in a Newly Injured Spinal Cord Patient. Presented at PM&R, Orlando, FL. 1987. Abstract published. Arch of PM&R. Vol. 68, 9-605, September, 1987.
91. Donovan WH: Spinal Cord Injury. Comprehensive Rehabilitation Course. The Institute for Rehabilitation and Research, Houston, TX, October 26 - November 6, 1987.
92. Donovan WH: Spasticity - New Developments. Visiting Professor, Shepherd Spinal Center, Atlanta, GA, January 13-14, 1988.
93. Donovan, WH: Rehabilitation Education Series - Program II. Providence Memorial Hospital, El Paso, TX, January 23, 1988.
94. Donovan, WH: Spinal Cord Injury: Acute Evaluation and Management. Presented at the 22nd Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 25, 1988.
95. Donovan, WH: Spinal Cord Injury: Comprehensive Rehabilitation. Presented at the 22nd Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 25, 1988.
96. Donovan, WH: Management of Decubitus Ulcers. Presented at the 22nd Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 25, 1988.
97. Donovan WH: Servicios de Rehabilitacion Para Paraliticos Severos. Conferencias y Exhibicion de Equipo Medico, Mexico City, Mexico, September 7-9, 1988.

98. Donovan WH: Spine Management. The Changing Scene in High Quadriplegic Care. Vail, CO, September 15-16, 1988.
99. Basse, R and Donovan, WH: Closed Cervical Spinal Cord Injury: Surgical and Conservative Management Outcomes. Presented at the Annual AAPM&R Meeting in Seattle, WA, October 31, 1988. Abstract published Arch. of PM&R. Vol. 69, No. 9, p. 710, September, 1988.
100. Basse, R and Donovan, WH: Cervical Spinal Cord Injury: Length of Stay in Surgically vs. Conservatively Managed Patients. Presented at the Annual AAPM&R Meeting in Seattle, WA, October 31, 1988. Abstract published Arch. of PM&R. Vol. 69, No. 9, p. 761, September, 1988.
101. Loubser PG, Donovan WH, Narayan RF and Basse RL: Neuromodulation of Spasticity Following Spinal Cord Injury with Intrathecal Baclofen. Annual Meeting of 63rd Congress of International Anesthesia Research Society, Orlando, FL, March 4-8, 1989, Abstract published Anesthesia & Analgesia, Vol. 68, S168, September, 1989.
102. Donovan WH: Intrathecal Baclofen - A Non-Destructive Reversible Treatment for Severe Spasticity Due to Spinal Cord Injury. Presented at the American Spinal Injury Association Meeting in Las Vegas, NV, April 3-5, 1989. Abstract published in Abstract Digest.
103. Donovan WH: Neurologic and Skeletal Outcomes Among Patients with Cervical Spinal Cord Injury. Presented at the American Spinal Injury Association in Las Vegas, NV, April 3-5, 1989. Abstract Published in Abstract Digest.
104. Donovan WH: The Use of Plasmid DNA Analysis to Determine the Source of Bacterial Invasion of the Urinary Tract. Presented at the American Spinal Injury Association Meeting in Las Vegas, NV, April 3-5, 1989. Abstract Published in Abstract Digest.
105. Donovan WH: Spinal Cord Evaluation and Treatment. Presented at the 23rd Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, April 11, 1989.
106. Donovan WH: Spinal Cord Rehabilitation. Presented at the 23rd Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, April 11, 1989.
107. Donovan WH: Spasticity. Presented at the 23rd Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, April 11, 1989.
108. Basse, RL and Donovan WH: Immunosuppression Following Spinal Cord Injury: Implications in a Rehabilitation Setting. Xth Congress International Federation of Physical Medicine and Rehabilitation. Toronto, Ontario, Canada, April 11-15, 1988.
109. Donovan WH: Lower Extremity Prosthetics Course for Residents. Rehabilitation of the Person with Lower Limb Amputation. Stump Revisions, Baylor College of Medicine, Houston, TX, April 21-22, 1989.
110. Donovan WH, Loubser P, Narayan RK, and Bass R: Intrathecal Baclofen - A Non-Destructive Reversible Treatment for Severe Spasticity Due to SCI. 28th Annual Scientific Meeting, International Medical Society of Paraplegia, Rome, Italy, May 4-6, 1989, Abstract published in Abstract Digest.
111. Atkins DJ and Donovan, WH: The Patient with Amputation. Seminar presented to all Rehabilitation Nurses of Texas Employers Insurance Association, Houston, TX, 1989.

112. Donovan, WH: Spinal Cord Tracts and Injuries. Presented to American Association of Neuroscience Nurses, Southeast Texas Chapter, Houston, TX, September 22, 1989.
113. Donovan WH, Loubser PG, Narayan RK, and Basse RL: Effects of Intrathecal Baclofen on Spasticity. Presented at the AAPM&R Meeting in San Antonio, TX, Abstract published. Arch. of PM&R 70-1 1, Page A22, October 1989.
114. Donovan WH, Hull R, Cifu DX, Sandin KJ, and Brown H: Use of Plasmid DNA Analysis to Determine the Source of Bacterial Invasion of the Urinary Tract. Presented at the AAPM&R Meeting, in San Antonio, TX, 1989. Abstract published. Arch. of PM&R 70: 11, Page A26, October 1989.
115. Donovan WH: Neuropathology, Physical Examination and New Classification of Spinal Cord Injury Patients. Presented at the XIII Congreso Medico Latinoamericano de Rehabilitacion. November 5-9, 1989, Lima, Peru.
116. Donovan WH: Management of Spinal Cord Injury Complications. Presented at the XIII Congreso Medico Latinoamericano de Rehabilitacion, Lima, Peru, November 5-9, 1989.
117. Donovan WH: Upper Limb Kinesiology as it Relates to Prosthetic Function. Presented at the Upper Extremity Prosthetic Course for Residents, Baylor College of Medicine, Houston, TX, February 2-3, 1990.
118. Donovan WH: Appropriate Levels of Upper Limb Amputation. Presented at the Upper Extremity Prosthetic Course for Residents, Baylor College of Medicine, Houston, TX, February 2-3, 1990.
119. Donovan WH: Post-Op and Pre-Prosthetic Management. Presented at the Upper Extremity Prosthetic Course for Residents, Houston, TX, February 2-3, 1990.
120. Donovan WH: Spinal and Peripheral Nerve Injury. Presented to American Association of Neuroscience Nurses, Southeast Texas Chapter, Houston, TX, February 23, 1990.
121. Donovan WH: Functional Expectations in Spinal Cord Injury. Presented at the Colloquium on Prevention of Secondary Disabilities in People with Spinal Cord Injury. Center for Disease Control, Atlanta, GA, February 26-28, 1990.
122. Donovan WH: Keynote Speaker on Rehabilitation Research & Development in Spinal Cord Injury. Spinal Cord Injury Workshop, LaJolla, CA, March 3-7, 1990.
123. Stelly-Seitz C and Donovan WH: Prognostic Value of Pseudomeningoceles in Brachial Plexus Lesions. Poster Presentation, AAP Meeting, Tampa, FL, March 8-11, 1990.
124. Donovan WH: Spinal Cord Evaluation and Treatment. Presented at the 24th Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 22, 1990.
125. Donovan WH: Spinal Cord Rehabilitation. Presented at the 24th Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 22, 1990.
126. Donovan WH: Spasticity. Presented at the 24th Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 22, 1990.

127. Donovan WH: Rehabilitation of the Spinal Cord Injured Patient. Presented at the Comprehensive Review Course for Orthopaedic Surgeons. Chicago, IL, March 25-30, 1990.
128. Donovan WH: Rehabilitation of the Spinal Cord Injured Patient. Presented at the American Academy of Orthopaedic Surgeons Meeting, Chicago, IL, March 25-30, 1990.
129. Donovan WH, Hull R, Cifu DX, Brown HD and Smith NJ: Use of Plasmid Analysis to Determine the Source of Bacterial Invasion of the Urinary Tract. Presented at The American Spinal Injury Association Meeting in Orlando, FL, May 1990.
130. Lawrence SJ and Donovan WH: Acute Abdomen in the Spinal Cord Injured Patient: Case Report of a Disguised Diagnosis. Presented at the 30th Anniversary Celebration and Lewis A. Leavitt, M.D. Memorial Lectureship. Baylor College of Medicine, Houston, TX, June 1, 1990.
131. Sandin KJ and Donovan WH: Traumatic C5 Quadriplegia Complicated by Candida Albicans Pyelonephritis: Diagnosis and Management. Presented at the 30th Anniversary Celebration and Lewis Leavitt, M.D. Memorial Lectureship. Baylor College of Medicine, Houston, TX, June 1, 1990.
132. Stelly-Seitz C and Donovan WH: Prognostic Value of Pseudomeningoceles-in Brachial Plexus Lesions. Presented at the 30th Anniversary Celebration and Lewis A. Leavitt, M.D. Memorial Lectureship. Baylor College of Medicine, Houston, TX, June 1, 1990.
133. Sherman M and Donovan WH: Tethered Cord Syndrome: A Rehabilitative Challenge. Presented at the 30th Anniversary Celebration and Lewis A. Leavitt, M.D. Memorial Lectureship. Baylor College of Medicine, Houston, TX, June 1, 1990.
134. Donovan WH, Hull R, Cifu DX, Brown HD and Smith NJ: Use of Plasmid Analysis to Determine the Source of Bacterial Invasion of the Urinary Tract. Presented at the International Medical Society of Paraplegia Meeting in Tel Aviv, Israel, June 1990.
135. Donovan WH, Cifu DX, Carter RE, Stolzmann E and VerVoort S: Neurological and Skeletal Outcomes in the SCI Patient. Presented at the International Medical Society of Paraplegia Meeting in Tel Aviv, Israel, June 1990.
136. Donovan WH: Research Frontiers in SCI Technology. 1990 Rehabilitation Claims Conference, North American Reinsurance Co: Santa Barbara, CA, September 23-26, 1990.
137. Donovan WH: Neurological and Skeletal Outcomes In Patients with Closed Cervical Spinal Cord Injury: Surgery vs. Non-Surgery. Spinal Cord Injury in the '90's: Future Trends in Medical Management and Treatment, Baylor Institute of Rehabilitation, Dallas, TX, November 2, 1990.
138. Donovan WH: Neck Orthoses in Quadriplegia. Presented at the Basic Orthotics Course Meeting, at Baylor College of Medicine in Houston, TX, February 8, 1991.
139. Donovan WH: Bio-mechanics and Kinesiology in the Lower Extremity. Presented at the Basic Orthotics Course Meeting at Baylor College of Medicine in Houston, TX, February 8, 1991.
140. Donovan WH: Neurological Classification of Spinal Injury Patients. Presented to The Barcelona Society of Rehabilitation Medicine in Barcelona, Spain, on March 11, 1991.

141. Donovan WH: Spinal Cord Injury System of Care in the United States. Presented at the Spanish Society of Paraplegia Meeting in La Coruna, Spain, on March 16, 1991.
142. Donovan WH: Spinal Cord Injury Evaluation and Treatment. Presented at the 25th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 21, 1991.
143. Donovan WH: Spinal Cord Injury Rehabilitation. Presented at the 25th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 21, 1991,
144. Donovan WH: Treatment of Spasticity. Presented at the 25th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 21, 1991.
145. Donovan WH: Neurological and Skeletal Outcomes in Patients with Closed Cervical Spinal Cord Injury: An Update. Presented at Spinal Cord Injury in the '90's: Future Trends in Medical Management and Treatment, Seattle, WA, April 9, 1991.
146. Loubser PG and Donovan WH: Perioperative Control of Lower Extremity Spasticity Using Intrathecal Baclofen or Paravertebral Somatic and Sciatic Neurolysis, Seventeenth Annual Scientific Meeting, Seattle, WA. Abstract published in Journal of American Paraplegia Society, 14-.22, April 9, 1991.
147. Donovan WH: Male and Female Sexuality Issues: A Panel Discussion. Sexuality and Spinal Cord Injury Conference, Baylor College of Medicine and The Institute for Rehabilitation and Research, Houston, TX, July 26, 1991.
148. Clearman RR, Donovan WH and Bontke CF: Rehabilitation of the Cancer Patient, University of Texas, M.D. Anderson Cancer Center, Houston, TX, August 16, 1991.
149. Atkins DJ, Donovan WH: Bilateral Shoulder Disarticulation: A Shared Patient Experience. Presented at the American Congress of Rehabilitation Medicine, Washington, DC, October 27-31, 1991. Abstract published in the Archives of Physical Medicine and Rehabilitation, September, 1991.
150. Atkins DJ, Donovan WH: The Challenge of the Electrical Burn Amputee. Presented at the American Congress of Rehabilitation Medicine, Washington, DC, October 27-31, 1991. Abstract published in the Archives of Physical Medicine and Rehabilitation. September, 1991.
151. Atkins DJ, Donovan WH: Epidemiologic Overview of 1100 Amputees From A Comprehensive Amputee Rehabilitation Program. Presented at the American Congress of Rehabilitation Medicine, Washington, DC, October 27-31, 1991. Abstract published in the Archives of Physical Medicine and Rehabilitation, September, 1991.
152. Smith S, Donovan WH: A Prosthetic Rehabilitation Challenge: Amputee Patients with Bilateral Shoulder Disarticulation. Presented at 53rd Annual Meeting, American Academy of Physical Medicine and Rehabilitation, Washington, DC, October 27-31, 1991. Abstract published in the Archives of Physical Medicine and Rehabilitation, September, 1991.
153. Kardesch CB, Donovan, WH: Recurrent Cervical-Esophageal Abscess Complication of Anterior Cervical Carpectomy and Fusion. Presented at 53rd Annual Meeting, American Academy of Physical Medicine and Rehabilitation, Washington, DC, October 27-31, 1991. Abstract published in the Archives of Physical Medicine and Rehabilitation. September, 1991.

154. O'Neill B, Kardesch CB, Donovan, WH, Loubser PG: The Effect of Intrathecal Baclofen Treatment on Quality of Life. Presented at the American Congress Rehabilitation Medicine, Washington, DC, October 27-31, 1991. Abstract published in the Archives of Physical Medicine and Rehabilitation, September, 1991.
155. Donovan WH: Evaluation and Medical Management of the Amputee. Presented at the Contemporary Management of the Amputee: A Hands-On Workshop for Professionals, The Institute for Rehabilitation and Research, Houston, TX, October 18-19, 1991.
156. Donovan WH: Shared Patient Experiences: A Panel Discussion. Presented at the Contemporary Management of the Amputee: A Hands-On Workshop for Professionals, The Institute for Rehabilitation and Research, Houston, TX, October 18-19, 1991.
157. Donovan WH : Normas para la Clasificacion Neurologica de Pacientes con Lesiones Medulares. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitaci6n, San Jos6, Costa Rica, October 21-25, 1991.
158. Donovan WH : Mecanismos y Clasificacion de Fracturas Espinales. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitacion, San Jose, Costa Rica, October 21-25, 1991.
159. Donovan WH: Aspectos Urologicos. Maneio de la Vejiga Neurogenica. Complicaciones. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitacion, San Jose, Costa Rica, October 21 25, 1991.
160. Donovan WH: Prevencion y Tratamiento de Complicaciones Cardiopulmonares. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitacion, San Jose, Costa Rica, October 21-25 1991.
161. Donovan WH: Prevencion y Tratamiento de Trombosis Venosa Profunda. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitacion, San Jose, Costa Rica, October 21-25, 1991.
162. Donovan WH: Fisiopatologia, Clasificacion y Manejo del Dolor en Lesiones Medulares. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitacion, San Jose, Costa Rica, October 2125, 1991.
163. Donovan WH: Vision de la Espasticidad y su Manejo. Presented at the XIV Congreso Medico Latinoamericano de Rehabilitacion, San Jose, Costa Rica, October 21-25, 1991.
164. Donovan WH: Intrathecal Baclofen for the Treatment of Spasticity. Presented at the 53rd Annual Meeting, American Academy of Physical Medicine and Rehabilitation, Washington, DC, October 27-1, 1991.
165. Donovan WH: Classification of Spinal Cord Iniury. Presented at 53rd Annual Meeting, American Academy of Physical Medicine and Rehabilitation, Washington, DC, October 27-31, 1991.
166. Donovan WH: Spinal Cord Injury Evaluation and Treatment. Presented at the 26th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TY, March 19, 1992.
167. Donovan WH: Spinal,Cord Injury Rehabilitation. Presented at the 26th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 19, 1992.
168. Donovan WH: Treatment of Spasticity. Presented at the 26th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 19, 1992.
169. Atkins DJ, Donovan WH, Muilenburg, AL: Analysis of 87 Children and Adults Fitted with Electric Componentry. Presented at the 7th World Congress of the ISPO, in Chicago, IL June 28-July 3, 1992.

170. Donovan WH: Evaluation and Medical Management of the Amputee. Presented at the Contemporary Management of the Amputee: A Hands-On Workshop for Professionals. The Institute for Rehabilitation and Research, Houston, TX, August 7-8, 1992.
171. Donovan WH: Geriatric Rehabilitation Issues. Presented at the Contemporary Management of the Amputee: A Hands-On Workshop for Professionals. The Institute for Rehabilitation and Research, Houston, TX, August 7-8, 1992.
172. Donovan WH: Neurological and Skeletal Outcomes in 113 Patients with Closed Injuries to the Cervical Spinal Cord. Presented at the 31st Annual Scientific Meeting of the International Medical Society of Paraplegia (IMSOP) in Barcelona, Spain, September 9, 1992.
173. Donovan WH: Anatomy and Physiology of the Spinal Cord. Presented at the NIDRR Conference, Spinal Cord Injury: The Search For A Cure, The Institute for Rehabilitation and Research, Houston, TX, October 2-3, 1992.
174. Donovan WH: Neurological Classification of SCI: ASIA and the International Standards. Presented at the New Developments in Comprehensive Rehabilitation of Individuals with Spinal Cord Injury. The Institute for Rehabilitation and Research, Houston, TX, December 3-5, 1992.
175. Donovan WH: New Developments in the Management of Pain and Spasticity. Presented at the New Developments in Comprehensive Rehabilitation of Individuals with Spinal Cord Injury. The Institute for Rehabilitation and Research, Houston, TX, December 3-5, 1992.
176. Donovan WH: El Papel de la Rehabilitacion en el Proceso de la Atencion Medica. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Rico in Mexico D.F., Mexico on March 1-2, 1993.
177. Donovan WH: Fisioterapia y Clasificacion Neurologica del Lesionado Medular. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Rico in Mexico D.F., Mexico on March 1-2, 1993.
178. Donovan WH: Tratamiento del Dolor en el Lesionado Medular. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion A.C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Pico in Mexico D.F., Mexico on March 1-2, 1993.
179. Donovan WH: Espasticidad, Diagnostico y Tratamiento. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion A. C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Rico in Mexico D.F., Mexico on March 1-2, 1993.
180. Donovan WH: Vejiga e Intestino Neurogenico. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion A. C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Rico in Mexico D.F., Mexico on March 1-2, 1993.

181. Donovan WH: Traumatismo Craneo Encefalico. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion A.C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Rico in Mexico D.F., Mexico on March 1-2, 1993.
182. Donovan WH: Fracturas Vertebrales. Presented in the Rehabilitacion del Lesionado Medular at La Sociedad Mexicana de Medicina Fisica y Rehabilitacion A.C. y El Capitulo Mexicano de la Academia de Electro Diagnostico y Electromiografia de Puerto Rico in Mexico D.F., Mexico on March 1-2, 1993.
183. Donovan WH: Spinal Cord Injury Evaluation and Treatment. Presented at the 27th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 15, 1993.
184. Donovan WH: Spinal Cord Injury Rehabilitation. Presented at the 27th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 15, 1993.
185. Donovan WH: Medical Complications of Acute Tetraplegia Other Than the Spine. Presented at The 29th Annual Orthopaedic Symposium, Diagnosis and Treatment of Diseases of the Cervical Spine, St. Luke's Episcopal Hospital and Texas Heart Institute, Houston, TX, April 23, 1993.
186. Donovan WH: An Analysis of Conservative vs. Surgical Treatment of Closed Trauma to the Cervical Spine with Spinal Cord Injury. Presented at The 29th Annual Orthopaedic Symposium, Diagnosis and Treatment of Diseases of the Cervical Spine, St. Luke's Episcopal Hospital and Texas Heart Institute, Houston, TX,, April 24, 1993,
187. Donovan WH: Intrathecal Baclofen: Does Tolerance Occur? Presented at the International Medical Society on Paraplegia (IMSOP), Ghent, Belgium, May 25-28, 1993.
188. Donovan WH: Spasticity Due to Spinal Cord Injury: An Update. Presented at the Louisiana Physical Medicine & Rehabilitation Society Annual Meeting, New Orleans, LA, June 17, 1993).
189. Donovan WH: Application of Space Technology for the Disabled. Testimony before The Subcommittee on Space, House Ways & Means Committee, Washincton, DC, June 22, 1993.
190. Atkins.DJ, Donovan WH, Muilenburg AL: Setting the Stage for Future Research in Upper Limb Prosthetic Design. Presented at the American Congress of Rehabilitation Medicine, Denver, CO, June 2 , 1993
191. Yablon SA, Boake C, Carter RE, Graves D, Donovan WH: Incidence of head injury in traumatic spinal cord injury A preliminary report. Paper presented at the American Academy of Physical Medicine and Rehabilitation meeting, Miami Beach, FL, October 1993. Archives of Physical Medicine and Rehabilitation (I 993) Vol. 74:123 8.
192. Yablon SA, Boake C, Carter RE, Graves D, Donovan WH: Functional impact of concurrent traumatic brain and spinal cord injury. Paper presented at the American cademy of Physical Medicine and Rehabilitation meeting, Miami Beach, FL, October 1993. Archives of Physical Medicine and Rehabilitation (1993) Vol. 74.- 1238.
193. Donovan WH: Evaluation and Medical Management. Presented at the Prosthetic Evaluation and Training of Individuals with Lower Extremity Amputation: An Advanced Course for Professionals at The Inistitute for Rehabilitation and Research, Houston, TX, February 11-12, 1994.

194. Donovan WH: Spinal Cord Injury Evaluation and Treatment. Presented at the 28th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 24, 1994.
195. Donovan WH: Spinal Cord Injury Rehabilitation. Presented at the 28th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 24, 1994.
196. Donovan WH: Upper Limb Kinesiology as it Relates to Prosthetic Function. Presented at the Upper Extremity Prosthetics Course: Comprehensive Management of the Upper Limb Amputee, Physical Medicine and Rehabilitation Residents Course, Baylor College of Medicine, Houston, TX, April 2223, 1994.
197. Donovan WH: Treatment of Spasticity. Presented at the 29th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 23, 1995.
198. Donovan WH: Spinal Cord Injury Evaluation and Treatment. Presented at the 29th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 23, 1995.
199. Donovan WH: Spinal Cord Injury Rehabilitation. Presented at the 29th Comprehensive Review Course in Physical Medicine and Rehabilitation. Baylor College of Medicine, Houston, TX, March 23, 1995.
200. Donovan WH, Clifton GL, Boake C: Omental Transposition in Chronic Spinal Cord Injury. Presented at the Neurosurgery Conference, University of Texas, Houston Medical School, Houston, Texas, on April 6, 1995.
201. Boake C, Donovan WH, Clifton GL: Reliability check of the ASIA Motor and Sensory scores in a clinical trial of spinal cord injury. Paper presented at the Annual Meeting, of the American Spinal Injury Association, Orlando, FL, May 1995. Journal of Spinal Cord Medicine (1995) Vol. 18:134.
202. Clifton GL, Donovan WH, Dimitrijevic NM, Boake C, Ku A, Allen S, Potts J, Moody F: A study of the efficacy of omental transposition. Paper presented at the Annual Meeting, of the American Spinal Injury Association, Orlando, FL, May 1995. Journal of Spinal Cord Medicine (1995) Vol. 18:134.
203. Donovan WH: Pathomechanics of Spinal Instability. Presented at the Course on Orthotic Management of the Lower Limb and Spine. Baylor College of Medicine, Houston, Texas, on May 5-6, 1995.
204. Donovan WH: Outcome Measurement in SCI: Applications, Measuring Neurologic Function and Recovery. Presented at the Spinal Cord Injuries, A Multidisciplinary Approach to Today's Clinical Challenges, New Orleans, Louisiana, September 11-13, 1995.
205. Donovan WH, Weibel ME: Intrathecal Baclofen for Treatment of Severe Spasticity From Patient Selection to Long Term Management. Presented at the Spinal Cord Injuries, A Multidisciplinary Approach to Today's Clinical Challenges, New Orleans, Louisiana,, September 11-13, 1995.
206. Donovan WH: Spinal Cord Injury Rehabilitation Issues. Core lecture, presented to the Department of Orthopedics at University of Texas Health Science Center, Houston, Texas, September 20, 1995.
207. Donovan WH: Respiratory Management of Spinal Cord Injury. Presented at the Medical Education Program at Roper Rehabilitation Hospital, Charleston, South Carolina, January 25, 1996.
208. Donovan WH: Electrophrenic Respiration. Presented at the Medical Education Program at Roper Rehabilitation Hospital, Charleston, South Carolina, January 25, 1996.

209. Donovan WH: Intrathecal Baclofen for Treatment of Severe Spasticity. Presented at the Medical Education Program at Roper Rehabilitation Hospital, Charleston, South Carolina, January 26, 1996.
210. Dimitrijevic MR, Donovan WH, Young W, Blight AR, Hulsebosch C: Bridging the Gap: Prospects for Recovery. Panel discussion of future developments in the treatment of SCI: How will patients be managed in the year 2005? Presented at the 14th Annual Houston Conference on Biomedical Engineering Research, University of Houston, Houston, Texas, February 9, 1996.
211. Donovan WH: Acute Management of SCI. Presented at the 30th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 20, 1996.
212. Donovan WH: Evaluation of SCI (the ASIA Score). Presented at the 30th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 20, 1996.
213. Donovan WH: Spasticity Management in SCI. Presented at the 30th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 20, 1996.
214. Donovan WH: Served as judge at the annual Resident Research Day presented by the Department of Orthopaedic Surgery at the University of Texas Health Science Center Medical School at Houston, TX, June 22, 1996,
215. Donovan WH: Evaluation and Treatment of Pain Syndromes in Patients with Primary Disability. Presented at the Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, October 10-13, 1996,
216. Donovan WH: Spinal Cord Injury: Evaluation, Acute Management and Spasticity. Presented at the 31st Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 18, 1997.
217. Hull RA, Rudy DC, Wieser IE, Donovan WH: Virulence factors of *Escherichia coli* from symptomatic and asymptomatic bacteriuria in patients with neurogenic bladders due to spinal cord and brain injuries . Presented at the annual International Medical Society of Paraplegia meeting, The Institute for Rehabilitation and Research, Houston, TX, May 12, 1997.
218. Donovan WH: Profile of The Institute for Rehabilitation and Research, *Spinal Cord*, 1997;35(9):565-8.
219. Donovan WH: Agreement among experts using the ASIA/IMSOP Standards. Presented at the annual International Medical Society of Paraplegia meeting, The Institute of Rehabilitation and Research, Houston, TX, May 12, 1997.
220. Donovan WH: Upper Extremity Orthotics in Tetraplegia. Resident Lecture, The Institute for Rehabilitation and Research, Houston, TX, January 22, 1998.
221. Donovan WH: 4-AP Therapy in Chronic Pain and Spinal Injury. Research Conference, The Institute for Rehabilitation and Research, Houston, TX, February 13, 1998.
222. Donovan WH: Review of Rehabilitation Medicine Services at VA Puget Sound Health Care Systems, Seattle, WA, February 27, 1998.

223. Donovan WH: Upper Extremity Orthotics in Tetraplegia. Resident Lecture, The Institute for Rehabilitation and Research, Houston, TX, March 5, 1998.
224. Donovan WH: Spinal Cord Injury: Evaluation, Acute Management and Spasticity. Presented at the 32nd Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, March 17, 1998.
225. Donovan WH: Evaluation and Medical Management of the Amputee. Presented at the Baylor College of Medicine/University of Texas-Houston, Departments of Physical Medicine and Rehabilitation Residents' Course, Houston, TX, April 25, 1998.
226. Donovan WH, Sherwood A, Halter J, Blight A, Graves DE: Intravenous Administration of 4-AP in Chronic Spinal Cord Injured Patients: A Double-Blind Crossover Study. Presented at the International Medical Society of Paraplegia meeting, Iguassu Falls, Brazil, June 17, 1998.
227. Donovan WH: Complications of SCI: Urgent Care. Presented at the Spinal Cord Injury Conference, Perspectives on Wellness and Empowerment at the University of Missouri, Columbia, September 18, 1998.
228. Donovan WH: Prevention and Treatment of Pressure Sores. Presented at the Spinal Cord Injury Conference, Perspectives on Wellness and Empowerment at the University of Missouri, Columbia, September 18, 1998.
229. Donovan WH: Management of Spasticity After SCI. Presented at the Spinal Cord Injury Conference, Perspectives on Wellness and Empowerment at the University of Missouri, Columbia, September 18, 1998.
230. Donovan WH: Intravenous and Intrathecal Applications of 4 Aminopyredine (4-AP). Presented at the 1998 Grand Rounds Lecture Series, Spain Rehabilitation Center, Birmingham, Alabama, March 12, 1999.
231. Donovan WH: Spinal Cord Injury Evaluation, Acute Management, and Functional Levels. Presented at the 33rd Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, March 17, 1999.
232. Calub F, Donovan WH, Graves DE, Parsons KC: A Computer Program for Scoring the International Standards for Neurological and Functional Classification of Spinal Cord Injury. Presented to the Board of Directors of the American Spinal Injury Association, Atlanta, Georgia, April 17-20, 1999.
233. Donovan WH: Spinal Cord Injury Evaluation, Acute Management, and Functional Levels. Presented at the 34th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, March 8, 2000.
234. Donovan WH: Spinal Cord Injury-Past Present and Future. Keynote address presented at the 1st SCI Fellowship Review Course, Mt. Sinai Medical School, New York, NY., September 22, 2000
235. Donovan WH: Spinal Cord Injury-Respiratory Management. Presented at the 1st SCI Fellowship Review Course, Mt. Sinai Medical School, New York, N.Y., September 23, 2000
236. Donovan WH: Spinal Cord Injury Evaluation, Acute Management and Functional Levels. Presented at the 35th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX., November 15, 2000.

237. Donovan WH: ASIA Classification and Neurologic Level of Injury. Resident Lecture. The Institute of Rehabilitation and Research, Houston, TX August 31, 2001.
238. Donovan WH: Prosthetic Componentry. Presented at the Specialty Rehabilitation Solutions Conference, The Institute for Rehabilitation and Research, Houston, TX, October 24, 2001.
239. Donovan WH: ASIA Classification and Neurologic Level of Injury. Presented at the 1st Joint Meeting of the American Spinal Injury Association and the International Medical Society of Paraplegia, Vancouver, British Columbia, Canada, May 3-6, 2002.
240. Donovan WH: Electrical Injuries Resultin in Limb Amputations. Presented at the Specialty Rehabilitation Solutions Conference, The Institute for Rehabilitation and Research, Houston, TX, October 23, 2002.
241. Donovan WH: Spinal Cord Injury: Evaluation, Functional Levels, and Acute Management. Presented at the 37th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, TX, February 25, 2003.
242. Donovan WH: Managing the Electrical Amutee: Presented to Traveler’s Insurance Company, Houston, Texas, June 2, 2003.
243. Donovan WH: Spinal Cord Injury: Past, Present and Future. Presented at The Southern African Spinal Cord Association (SASCA) Congress, Johannesburg, South Africa, October 1, 2003.
244. Donovan WH: Spasticity Management in SCI. Presented at The Southern African Spinal Cord Association (SASCA) Congress, Johannesburg, South Africa, October 1, 2003.
245. Donovan WH: Respiratory Management in SCI. Presented at The Southern African Spinal Cord Association (SASCA) Congress, Johannesburg, South Africa, October 2, 2003.
246. Donovan WH: Pain Management in SCI. Presented at The Southern African Spinal Cord Association (SASCA) Congress, Johannesburg, South Africa, October 3, 2003.
247. Donovan WH: Workshop: The ASIA System of Evaluating Spinal Cord Injured Patients. Presented at The Southern African Spinal Cord Association (SASCA) Congress, Johannesburg, South Africa, October 4, 2003.
248. Donovan WH: Spasticity Management in SCI. Presented at the Xi’an Paraplegic Center, Xi’an, China, October 13, 2003.
249. Donovan WH: Prevention of Urinary Tract Infection (UTI) by Bacterial Interference. Presented at the International Spinal Cord Society (ISCoS) Meeting, Beijing, China, October 17, 2003.
250. Donovan WH: Spinal Cord Injury: Evaluation, Function Levels and Acute Management. Presented at the 38th Comprehensive Review Course in Physical Medicine and Rehabilitaion, Baylor College of Medicine, Houston, Texas, March 23, 2004.
251. Donovan WH. Prevention of Urinary Tract Infection (UTI) by Bacterial Interference. Presented at the ASIA Meeting, Denver, Colorado, May 15, 2004.
252. Donovan WH, Holmes J, Reeves K. “A Dialogue for Improvement: Amputee Case Studies”: Presented at Liberty Mutual Insurance, Houston, Texas, August 9, 2004.

253. Donovan WH, Holmes J, Reeves K. "A Dialogue for Improvement: Amputee Case Studies": Presented at Traveler's Insurance, Houston, Texas, September 13, 2004.
254. Donovan WH: ASIA Classification and Neurologic Level of Injury. Presented at the Turkish Armed Forces Rehabilitation and Care Center, Ankara, Turkey, October 6-7, 2004
255. Donovan WH, Holmes J, Reeves K. Amputee Case Studies: What Can We Learn?. Presented at the TIRR Rehabilitation Solutions XVIII: Advanced Case Management Conference, Houston, Texas, October 19, 2004.
256. Donovan WH: Spinal Cord Injury: Evaluation, Function Levels and Acute Management. Presented at the 39th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, April 6, 2005.
257. Krenek S, Lantz B, Lantz E, Newman C, Donovan WH, Parsons KC. Functional Impact of Adapted Sports and Recreation for Individuals with Tetraplegia. Poster presentation at the American Spinal Injury Association (ASIA), May 2005.
258. Tyler, KN, Donovan WH. Spasticity Management and Orthotic Intervention for the Neurologically Complex Patient: Continuity of Care Throughout Multiple Staged Rehabilitation Admissions: A Case Study. Poster presentation at the American Spinal Injury Association (ASIA), May 2005.
259. Donovan WH. 1) Respiratory Rehabilitation in Quadriplegic Patient, 2) ASIA Classification, New Outcomes and Central Pain and Spasticity Clinical Aspects and Treatment in Spinal Cord Injury 3) Experience on Bilateral Amputation 4) TIRR's Amputee Clinic and Alternatives on the Treatment of the Amputee. Presented at the V Oritel Congress and III AACD Congress in Sao Paulo, Brazil, August 3-5, 2005.
260. Donovan WH. Pain Management of Patients with Primary Rehabilitation Problems. Presented at the AAPM&R 66th Annual Assembly in Philadelphia, PA, October 28, 2005.
261. Donovan WH: Spinal Cord Injury: Evaluation, Function Levels and Acute Management. Presented at the 40th Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, March 30, 2006.
262. Donovan WH. SCI Past, Present and Future. The Annual Donald Munro Memorial Lectureship: Presented at the American Paraplegia Society Annual Conference Meeting, September 5, 2006.
263. Donovan WH. SCI Past, Present and Future. Presented at the Mission Connect Scientific Meeting, Houston, Texas, October 6, 2006.
264. Donovan WH. SCI Past, Present and Future. Presented at TIRR Rehabilitation Solutions, Houston, Texas. November 1, 2006.
265. Donovan WH. Acute Management of SCI. Presented at the Annual Paralyzed Veterans of America, Houston, Texas, February 7, 2007.
266. Donovan WH: Spinal Cord Injury: Evaluation, Function Levels and Acute Management. Presented at the 41st Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, March 29, 2007.

267. Donovan WH: Spinal Cord Injury: Evaluation, Function Levels and Acute Management. Presented at the 42nd Comprehensive Review Course in Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston, Texas, April 1, 2008.
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GRANTS OBTAINED:

1. Donovan WH and Carter RE: Model Systems Spinal Cord Injury. \$2 million over 5-year period. September 1986 through August 1991. (NIDRR)
2. Donovan WH and Hart, KA: Development of a catalog of audio-visual teaching materials for professionals and consumers. \$58,000 over 2-year period. October 1990-September 1992. (PVA)
3. Donovan WH and Carter RE: Model Systems Spinal Cord Injury. \$2 million over 5-year period. September 1990-August 1996. (NIDRR)
4. Donovan WH: Next Generation of Myoelectric Prostheses. \$203,200 over a 2-year period, September 1992-August 1994. (NIH)
5. Donovan WH, Rudy DC, Hull R: UTI Prophylaxis Using *E. Coli* 83972 in SCI Patients. \$655,834.00 over a 3-year period, June 1993-May 1996. (NIH)
6. Monga TN, Atkins DJ, Donovan WH, Novy MD: Established Standards of Care: Upper Limb Prosthetic Services. \$250,000 over a 3-year period, October 1, 1995-September 30, 1998. (VA)
7. Atkins DJ, Donovan WH, Novy MD, Farry KD: Applying Space Technology to Enhance Control of an Artificial Arm, \$84,000 over a 1-year period, September 8, 1995-September 7, 1996. Extended one year September 8, 1996-September 7, 1997. Extended six months until March 7, 1998. (NASA).
8. Hull RA, Donovan WH: Mechanism of UTI Prophylaxis with *E. Coli* in SCI Patients \$155,520 over a 3-year period, January 1, 1997-December 31, 1999. Paralyzed Veterans of America. (PVA)
9. Donovan WH, Graves D: Model Systems Spinal Cord Injury. \$2 million over a 5-year period. September 2006-2011 (NIDRR).
10. Donovan WH, Hairston JC: Prevention of UTI in Persons with Spinal Cord Injury: \$54,115 over a 4 year period 2/1/04 – 1/31/08.

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