

Curriculum Vitae

James W. Loewenherz, M.D., F.A.C.P

Personal

Office Address: 9000 SW 87th Court • Suite 215 • Miami, FL 33176

Mailing Address: PO Box 56-2121 • Miami, FL 33256-2121

Telephone: 305-274-4800 • Fax: 305-279-6462

Email: dr.Nephron@gmail.com • Alternate Email: jwl_md@bellsouth.net

Place of Birth: Evanston, IL

Citizenship: United States of America

Education

Earlham College, Richmond, Indiana 47374 Major: Chemistry, Honors

Degree: B.A. 6/74, Uppsala University, Uppsala, Sweden

The University of Copenhagen, Copenhagen, Denmark June 1972-Jan. 1973

Foreign Study Program Earlham College

UHS/The Chicago Medical School, Chicago, IL June 1974-June 1977. Degree: M.D.

Post Graduate Training

Internship: University of Miami Affiliated Hospitals, Miami, FL

Straight Medical Internship June 1977-June 1978

Residency: University of Miami Affiliated Hospitals, Miami, FL

Internal Medicine, July 1978-June 1980

Fellowship: University of Miami Affiliated Hospitals, Miami, FL

Subspecialty: Nephrology July 1980-June 1982

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Special Training

Participant, Advanced Course on Medicine and Physiology of Sport SCUBA Diving,
Undersea Medical Society, Oct. 1978, Dec. 2002

Participant, N.O.A.A. Physicians Hyperbaric Training Course VI, Oct, 1980

Specialist and Examiner in Diving and Hyperbaric Medicine
U.S. Department of Commerce, N.O.A.A.

FAA Aviation Medical Examiner Seminar and Certification Course,
Orlando, FL Aug. 1990, Mar. 1993, Chicago, IL June 2000
Savannah, GA 2005

Certificate in Medical Practice Management,
University of Miami School of Business Administration, 11/94

Academic Appointments

University of Miami, Departments of Medicine and Anesthesiology,
Assistant Clinical Professor of Medicine, Oct. 1984 – Present

University of Miami, Department of Medicine and Anesthesiology,
Research Instructor, July 1982-Oct. 1984

Medical Licenses

Florida ME 0032843

California G 42700

Specialty Board Status

American Board of Internal Medicine, Board Certified Aug. 1981
Certificate # 75390

American Board of Nephrology, Board Certified Nov. 1982
Certificate # 75390

American Board of Critical Care Medicine – Board Eligible

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Honors and Awards

Elected to Fellowship in the American College of Physicians, Jan. 1989

Graduated with Honors in Chemistry, Earlham College June 1974

Elected as regional representative to the Governor of the Florida Chapter of the American College of Physicians 1992-2000

Chairman, Health and Public Policy Committee 1996-2000

FAA Pilot Proficiency Award Program through Leven VII, 2001

Named in *Guide to America's Top Physicians*, 2003

Consumers' Research Council of America, Washington, DC 20006

Memberships in Professional Societies

American College of Physicians

American Society of Nephrology

Southern Medical Association

Florida Society of Nephrology

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Academic Publications

Bakker, G.B., and Loewenherz, J.W., *Development of an Automatic Recording Apparatus for Gasometric Analysis at Constant Pressure*, Proc. Ind. Acad. Sci., 83:128-131, 1973

Sprung, C.L., Loewenherz, J.W., Baier, H., and Hauser, M.J., *Evidence for Increased Permeability in Re-expansion Pulmonary Edema*, Am. J. Med., 71(9): 497-500, 1981

Loewenherz, J.W., *Rhabdomyolysis and Acute Renal Insufficiency Associated with Decompression Sickness*, Abstracts of the 17th Annual Meeting of the American Society of Nephrology, 12/9/84

Loewenherz, J.W., and Samson, R.L., *Retrospective Analysis of Two Cases of Cerebral Gas Embolism Leading to Death in Sport Scuba Divers*, Presented 6/85 at the Annual Meeting of the Undersea Medical Society, Long Beach, CA

Loewenherz, J.W., *Augmentation of Hyperbaric Decompression by the Use of Extracorporeal Circulation and Hemodialysis*, Presented 6/85 at the Annual Meeting of the Undersea Medical Society, Long Beach, CA

Loewenherz, J.W., *Medical Standards of Divers, Diver Physical Examinations, Section 7.1.2., NOAA Diving Manual; Diving for Science and Technology, Third Edition*, US Government Printing Office, October 1991

Loewenherz, J.W., *Hyperbaric Oxygen Therapy: Emergency Applications*, Mercy Medicine, 8 (2&3):45-8, 1989

Loewenherz, J.W., *Clinical Features of Diving Accidents*, Workshop in Diving Accident Management, Undersea and Hyperbaric Medical Society, 1990

Loewenherz, J.W., *Pathophysiology and Treatment of Decompression Sickness and Gas Embolism*, Journal of the Florida Medical Association, 79(9):620-642, September 1992

Loewenherz, J.W., and Harrison, L.J., guest editors, *Journal of the Florida Medical Association*, 79(9), September 1992

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Professional Appointments:

Medical Director, Mariners Hospital Hyperbaric Center, Tavernier, FL 1996-Present

Medical Director, Hyperbarics International, Inc., Key Largo, FL 1990-Present

Medical Director, Miami Artificial Kidney Center, Miami, FL 1997-Present

Medical Director, Hemodialysis, South Miami Hospital, Oct. 2005-Present

Medical Director, South Miami Hospital Transitional Care Center, 1995-2001

Associate Medical Director, South Florida Hyperbaric Medical Center,
Mercy Hospital, Miami, FL 1990-1996

Co-Director, Aquatic Medical Team, Miami, FL 1982-1996

Chairman, Intensive Care Committee, South Miami Hospital, 1991-1999

Chairman, Institutional Review Board, South Miami Hospital, 1989-1990

Medical Consultant to Miami Dade County Fire & Rescue for Diving Emergencies

Faculty, NOAA Physicians Hyperbaric Training Course: VIII, IX, X, XI, XII, XIII,
1982-1987 Department of Commerce, National Oceanic and Atmospheric Administration

Naval Research Advisory Committee (NRAC), panel member on Committee for
Research and Development Needs for Naval Special Warfare May 1985-Dec. 1985

Naval Research Advisory Committee (NRAC), panel member on Lab Review Committee
of the Naval Medical Research and Development Command (NMRDC),
Jan. 1986-June 1988

Medical Director, Experimental Diving Project, Wakulla Springs, Florida coordinated by
Duke University, July 1991-Dec. 1991

Elected to the Board of Directors of South Miami Health Systems, Inc., The governing
body of South Miami Hospital and South Miami Homestead Hospital, 1993-2007

Senior Aviation Medical Examiner, Federal Aviation Administration, US Department of
Transportation, June 1993-Present. Recertified, Nov. 2005, Savannah, GA

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Hospital Medical Staff Appointments

Baptist Hospital	Active Staff
Jackson Memorial Hospital	Active Staff
South Miami Hospital	Active Staff
Mariners Hospital, Islamorada, FL	Consulting Staff

Research Grants

National Science Foundation, Summer Student Grant, 1973
National Institutes of Health, Basic Science Research Grant, 1981-1982
Whitaker Foundation Grant, 1982-1984

Professional Presentations

Course Medical Director, Hyperbarics International, Inc., Key Largo, FL 1996-Present

Course Director: Renal Biopsy, What is Going on in the Nephron? Baptist Hospital, Medical Education Department, Biltmore Hotel, Danielson Gallery. Conference dates: Feb., May, Sept. 2003, Feb., Oct. 2004, Feb., Nov. 2005, Feb., May 2006, Feb. 2007

Consulting Speaker, Abbot Pharmaceutical Corp. Zemplar 2006

Consulting Speaker, Shire Pharmaceutical Corp., Fosrenol, Lanthanum Carbonate, 2005

Additional Listings Provided on Request.

Special Interests

Computer Applications in Medical Care.
Contributing author to Computer News for Physicians, Biomedical Information Corp.
New York, NY

Photography and Cinematography

Commercial Multiengine, Instrument Pilot.