



SACRAMENTO MEDICAL GROUP
a Professional Corporation

CURRICULUM VITAE

DAVID E. ROOT, M.D., M.P.H.

PRESENT POSITION

Medical Director, Dynamic Health Solutions, APC, Sacramento, CA.

CERTIFICATIONS

Certified by the American Board of Preventive Medicine in Aerospace Medicine in 1972.

Certified by the American Board of Preventive Medicine in Occupational Medicine in 1983.

Certified by the FAA in December 1984 as an Aeromedical Examiner, and in 1987 as a Senior Aeromedical Examiner.

Certified by the Industrial Medical Council of the State of California as an Independent Medical Examiner, 1991-1993.

Certified by the Industrial Medical Council of the State of California as a Qualified Medical Evaluator, 1991-2003.

Certified by the Medical Review Officer Certification Council as a Medical Review Officer in 1993; recertified in 1998, 2003, and 2010 (current).

Certified by the U.S. Department of Health and Human Services and the Drug Enforcement Administration to prescribe Suboxone and Subutex (buprenorphine), March 2005.

MEDICAL LICENSURE

State of California, June 17, 1965.

EDUCATION

Undergraduate Studies:

High school graduate, San Juan H.S., Blanding, Utah, 2004.

University of Utah, B.S. Degree in Psychology, 1958.

Medical School:

Wake Forest University School of Medicine, Bowman Gray Campus, Winston-Salem, NC, M.D. degree 1962.

Internship:

USAF Hospital, Wright-Patterson AFB, Dayton, Ohio, 1962-63.

Residency:

Johns Hopkins University School of Hygiene and Public Health, Master in Public Health, Baltimore, MD, 1970. Phase II and III, USAF School of Aerospace Medicine, Brooks AFB, Texas, July 1970-February 1972.

EXPERIENCE

July 1991 to Present:

Private practice limited to Chemical Detoxification and Occupational Medicine. I voluntarily terminated my general practice and hospital privileges as of July 1, 1991 so that I could direct all my energy to my specialties of Chemical Detoxification and Occupational Medicine.

September 1981 to July 1991:

Solo private practice of Chemical Detoxification, Occupational Medicine and General Practice. Private practice limited to Chemical Detoxification and Occupational Medicine, 1991-current. The in the area of Chemical Detoxification, as Medical Director of HealthMed [now called Dynamic Health Solutions], from 1983 to the present, I treated toxic exposure cases with an emphasis on not only industrial and workplace exposures, but also on helping street drug, and prescription drug abusers get off, and stay off drugs. This included sample collection of subcutaneous adipose, skin lipids, and other tissues for analysis of chlorinated hydrocarbons, PCBs, halogenated volatiles, trace metals, other lipophilic toxicants, and eventual detoxification treatment to reduce the xenobiotic body burden.

October 1980 to July 1981:

Staff Physician at Doctors Medical Center, Sharonville, Ohio.

MILITARY SERVICE

USAF, 20 years active service as Chief Flight Surgeon and Senior Pilot, retired as full Colonel, October 1, 1980.

June 1978 to October 1980:

Chief Aeromedical Advisor to the USAF Life Support System Program Office, Air Force Systems Command, Wright-Patterson AFB, Dayton, Ohio. Advised the Life Support SPO on the medical aspects of new life support equipment such as helmets, oxygen masks, etc. Was responsible for the occupational medicine aspects of missile and aircraft fuels, such as hydrazine, UDMH, JP 4, etc. Had chemical defense program responsibility as well. Remained fully qualified as an Air Force Senior Pilot, frequently flying the T-37 twin-jet trainer. During this period I was also appointed Associate Professor, Department of Community Medicine, Wright State University, Dayton, Ohio.

January 1976 to June 1978:

Senior Medical Officer/Pilot, RAF Institute of Aviation Medicine, Farnborough, England (USAF/RAF Exchange Program Assignment). Had total responsibility for planning and carrying out the RAF medical flight test program at IAM in the Hawker Hunter aircraft. This involved

flight testing of helmets, masks, and chemical warfare defense equipment designed to prevent chemical exposure to aircrews. Also carried out in-flight physiological experiments on pulmonary ventilation under high G forces, and many other flight test protocols.

July 1973 to December 1975:

Chief Occupational/Aerospace Medicine and Deputy Hospital Commander, Beale AFB, Marysville, CA. Was responsible for the medical operations of the SR-71 Recon aircraft. This involved providing primary medical care for the aircrews and their families, dealing with many occupational medical problems such as exposure to the special fuels, lubricants, and solvents used in the SR-71, as well as hazardous noise pollution from the jet aircraft. Maintained currency in the T-38 jet trainer in support of the SR-71.

July 1972 to July 1973:

Hospital Commander, USAF Hospital, Takhli, Thailand. Managed the hospital in the later stages of the Vietnam War, and was in charge of the Occupational and Flight Medicine sections. This included responsibility for the Medical Civic Action Program, which involved regular trips into the surrounding Thai villages to provide medical care to the villagers.

July 1969 to February 1972:

Residency in Aerospace Medicine. Phase I at Johns Hopkins University, Baltimore, MD, 1969-70, M.P.H. 1970. Phases II and III at Brooks AFB, Texas, 1970-72.

June 1969:

USAF terminated its involvement in the Manned Orbiting Laboratory Program when the program was moved to NASA. I then applied for, and was accepted into the Residency program in Aerospace Medicine.

May 1967 to July 1969:

Combat-ready F-100 fighter pilot, B Flight Commander, and squadron Flight Surgeon, 55th TFS, 20th TFW, RAF Wethersfield, England. This assignment was required to provide pilot-in-command experience before entering the MOL Astronaut training program.

July 1965 to May 1967:

Undergraduate Pilot Training at Moody AFB, Valdosta, GA; Advanced Flying Training in the F-100 at Luke AFB, Phoenix, AZ as part of the MOL Program. Served as Class Commander at Moody (Class 65-A), and was assigned as Class Flight Surgeon at both bases.

January 1965:

Selected to become a Pilot-Physician Astronaut with the USAF Manned Orbiting Laboratory (MOL) Program.

September 1963 to June 1965:

Assigned as Chief of Aerospace and Occupational Medicine at Beale AFB, Marysville, CA. This assignment was before the arrival of the SR-71 and involved support of two KC-135 air refueling squadrons and one B-52 squadron. Primary medical care of the aircrews and their families and occupational medical support of flying ops were the main duties.

July 1963 to September 1963:

Attended the Primary Course in Aerospace Medicine, School of Aerospace Medicine, Brooks AFB, Texas. Recipient of the Distinguished Graduate Award.

September 1956 to August 1957:

USAF Undergraduate Pilot Training, Aviation Cadet Class 58-H. After three years at college, I entered pilot training at Lackland AFB, Texas as an Aviation Cadet; took Primary Flight Training in the T-34 and T-28 aircraft at Spence Air Base, Moultrie, GA. Before I could begin Advance Training in the T-33, USAF changed the service commitment, which I refused to accept. I was separated and returned to the University of Utah in September 1957.

HONORS

Co-Chair, Third International Conference on Human Detoxification, New York City, NY, September 2005.

Co-Chair, Second International Conference on Human Detoxification, Stockholm, Sweden, September 1997.

Presentation to the British House of Lords Select Committee on the Gulf War Syndrome: Detoxification Treatment and Results, May 1997.

Chair, First International Conference on Human Detoxification, Los Angeles, CA, December 1995.

Fellow, American College of Occupational and Environmental Medicine, 1987.

Fellow, Aerospace Medical Association, 1980.

Fellow, Royal Aeronautical Society, 1978.

Fellow, American College of Preventive Medicine, 1972.

MILITARY DECORATIONS

USAF

Legion of Merit Medal
Bronze Star Medal
Merit Service Medal W/Dev
Commendation Medal
National Defense Service Medal
Small Arms Expert Marksmanship Ribbon
Longevity Service Ribbon W/4Dev
Outstanding Unit Award

Republic of Vietnam Gallantry Cross W/Dev

Vietnam Service Medal
Vietnam Campaign Medal

Royal Air Force

Queens's Commendation for outstanding service in the air, 1978.

ORGANIZATIONS & AFFILIATIONS

Associate Clinical Professor, Department of Community Medicine, Wright State University School of Medicine, Dayton, Ohio, December 1978-1981.

Vice-Chairman and Chairman-Elect, Associate Fellows Group, Aerospace Medical Association, 1979-1980.

Chapter Councilor, Phi Rho Sigma Medical Society, Wright State University, Dayton, Ohio, 1979-1981.

Member, Program and Membership Committees of the Aerospace Medical Association, 1978-1981.

Member, American College of Occupational and Environmental Medicine.

Member, Order of Daedalians.

Member, Phi Delta Fraternity.

Member, Sacramento Rotary Club.

Member, Sacramento/El Dorado County Medical Society Environmental Health Committee, October 1983 to 2009.

Member, Western Occupational and Environmental Medical Association.

Senior Associate, Foundation for Advancements in Science and Education, 1983-present.

Senior Member, Scientific Advisory Board, Foundation for Advancements in Science and Education, 1994-present.

Senior Member, Joint Ad Hoc Medical Society Task Force on Employment and Disability under the State Department of Rehabilitation, 1987-1991.

Chairman, Scientific Advisory Board, Narconon International, 1995 to 2005.

Elected and Ordained Elder, Carmichael Presbyterian Church, February 1996.

PUBLICATIONS & PRESENTATIONS

"*Closed Ecological Systems Suitable for Space Flight*", Research & Reviews, 1962. The Bowman Gray School of Medicine, Wake Forest University, Winston-Salem, NC.

“Inspiratory Flow and Pulmonary Ventilation in Mock Air Combat”, paper presented – Aerospace Medical Association Meeting, 1977.

“Pressure Breathing for G Pretesting”, presented – Aerospace Medical Association Meeting, 1978. Chaired one scientific session.

“New Directions in the Design of USAF Aircraft Oxygen Systems and Components”, presented – Aerospace Medical Association Meeting, 1979.

“Advanced Aircraft Oxygen Systems”, presented – semi-annual SAFE Association meeting, April 1979.

“A Survival Avionics System for the 1980s”, paper presented – Aerospace Medical Association Scientific Meeting, Anaheim, California, May 1980.

“Hazards of Environmental Exposure and Chemical Detoxification Treatment”, presented – California State Occupational Safety & Health Adm. inspectors of Northern California, Sacramento, CA, 1984.

“Diagnosis and Treatment of Patients Presenting Subclinical Signs and Symptoms of Exposure to Chemicals with Bioaccumulation in Human Tissue”, presented – National Conference on Hazardous Wastes and Environmental Emergencies and sponsored by Hazardous Materials Control Research Institute and the U.S. Environmental Protection Agency, May 1985.

“Reducing Toxic Body Burdens Advancing an Innovative Technique”, Root, D., Anderson, J., Occupational Health and Safety, Vol. 11, No. 4, 1986.

“Radon Gas: Review of Current Studies on Household Detection and Health Effects”, presented – Environment Health Committee of the Sacramento/El Dorado County Medical Society, October 15, 1986.

“Excretion of a Lipophilic Toxicant Through the Sebaceous Glands: A Case Report”, Root, D., Lionelli, G., Journal Toxicol – Cut. & Ocular Toxicol, 6(1), 13-17, 1987.

“Responses to Environmental Exposures”, presented – Roseville Hospital nursing staff as part of a continuing education program, April 29, 1988.

“Occupational Toxins”, presented – Auburn Faith Hospital medical staff members as part of a continuing education program, September 6, 1988.

“First Do Not Harm; Diagnosis and Treatment of the Chemically Exposed”, Chapter 4, Chemical Contamination and its Victims, Quotom Books, 1989.

“Xenobiotic Reduction and Clinical Improvements in Capacitor Workers: A Feasible Method”, Tretjak, Z., Root, D.E., Tretjak, A., Slinik, R., Edmunson, E., Graves, R., and Beckmann, S.L.J., Environmental Science and Health, A25:731-751, 1990.

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