

CURRICULUM VITAE

Richard L. Trader Sr. MMsc RRT. PA-C. FCCM

Personal

Present Title

Director
RLT Medical Associates, Inc.
Center for Telemedicine
1300 York Road
Timonium, Maryland 21093
(410) 821-9620

Home Address

18 Wally Court
Timonium, Maryland
21093

Telephone:

(410) 560-1530 – Home
(410) 821-9620 – Office

License

Board of Physician Quality Assurance
Certified Physician Assistant, State of Maryland #305
Registered Respiratory Therapist, State of Maryland #L02311

Education:

Undergraduate

Skidmore University, Saratoga, NY. 1970 –75

Brown University / Central Connecticut College, CT.,
Sinai Hospital Research Departments – Mass Spectrometer
BS In Health Science

International University and Medical School Canada

Master Degree in Medical Sciences
1998

Certificate Programs

Respiratory Therapy Program 1975
Sinai Hospital of Baltimore, Inc.
Diploma Course - Graduate

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

Surgical Physician Assistant Program, Sinai Hospital / John Hopkins Hospital Surgery
Department
Diploma Course 1980 Graduate

Critical Care Associate Program in Anesthesia / Sinai Hospital – Two Year
Diploma Course 1986-1988 Graduate

Critical Care Medicine Residency - PA
Post Graduate One-Year Medical Residency
Sinai Hospital of Baltimore / John Hopkins School of Medicine Residency Program
Completed 1990

Appointments

Clinical Associate Cardiovascular Medicine -
RLT Medical Associates 1998-

Administrator -
Departments of Anesthesia / Critical Care Medicine
Department of emergency medicine
Department of Respiratory Services
Sinai Hospital of Baltimore, Inc. 1975 – 1998

Director
Department of Respiratory Care
Sinai Hospital of Baltimore, Inc. 1963 – 1974, 1975 – 1998

Director
Department of Respiratory Care / Pulmonary Function
St. Vincent's Hospital, Jacksonville, Fla., 1974 – 1975

Senior PA House Officer
Department of Anesthesia / Critical Care Medicine 1975 – 1998
Sinai Hospital of Baltimore, Inc.

Technical Director / Instructor Medical Residency Program
Sinai Hospital Medical Center
Intensive Care Unit
Sinai Hospital of Baltimore, Inc. 1975 – 1998

Director / Faculty – Associate in Critical Care Medicine
Two Year program
Department of Anesthesia, Sinai Hospital of Baltimore, Inc. 1975 – 1980

Director / Faculty
Critical Care – Post Graduate Program for Physician Assistants
Sinai Hospital of Baltimore, Inc., / John Hopkins School of Medicine Medical Residency 1989 –
1993

Director / Faculty
School of Respiratory Care
Sinai Hospital of Baltimore, Inc. 1967 – 1973, 1975 – 1980

Instructor – Sinai Hospital Medical Center
Surgical Residence Program
Respiratory Care / Critical Care Medicine Lecture Series
Baltimore, Maryland 1982 – 1996

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

Faculty – Department of Surgery

Post Graduate Physician Assistant in Surgery
Sinai Hospital of Baltimore, Inc. / John Hopkins Hospital Surgical Department/
Towson University
Baltimore, Maryland 1977 – 1995

Instructor – Maryland State Emergency Medical Services

Emergency Medical Technician Program 1984 – 1986
Emergency Medicine / Sinai Hospital of Baltimore, Inc.

Faculty – School of Allied Health

Respiratory Therapy
Community College of Baltimore
Baltimore, Maryland 1964 – 1980

Military

United States Army – 1961 / 1964, Staff Sergeant, Medical Corps: 237th Combat Unit.
Honorable Discharge – 1968

Committee Activities Review

Veterans Caucus – American Academy of Physicians Assistants 1999

Chairman, 1000 Ideas Program, Sinai Hospital of Baltimore, Inc. 1998

Heartball, American Heart Association 1997

Faculty Practice Administrative Task Force, Sinai Hospital of Baltimore, Inc. 1997

Emergency Medicine Task Force, Sinai Hospital of Baltimore, Inc. 1995-1997

Maryland Directors of Respiratory Care, Chairman 1990

Trauma Committee, Sinai Hospital of Baltimore, Inc. 1985-1996

Cardiac, Open-Heart Task Force, Sinai Hospital of Baltimore, Inc. 1995

Chairman, Hemodynamic Monitoring Committee, Sinai Hospital of Baltimore, Inc. 1975- 1997

Intensive Care Unit, Sinai Hospital of Baltimore, Inc. 1975- 1997

Educational Committee, Sinai Hospital of Baltimore, Inc. 1965 -1998

Cardiopulmonary Resuscitation Committee, Sinai Hospital of Baltimore, Inc. 1965 –1998

Caucus of Administrative & Executive Physician Assistants 1975

Examiner, National Board of Respiratory Care 1972

Chairman, Board of Medical Advisors, Community College of Baltimore 1969

American Association of Lung Disease 1965 - 1970

Maryland Thoracic Society, Subcommittee on Chronic Lung Disease 1965- 1970

Delegate, American Association of Respiratory Care 1966

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

Specialty and Sub-specialty Certification

National Board of Respiratory Therapy – Registry 373
1966

National Commission Certification of Physician Assistants
Primary Health Care Boards – 6079
Surgery Boards – 345
1975

Licensure

Board of Medical Examiners Maryland – Primary Health Care – Physicians Assistant 305
1975 – 2006 (Recertification exam taken in 2006)

Board of Medical Examiners Maryland – Registered Respiratory Therapist 1066
1985 – 2009 Current

Professional Society Membership Current

Maryland Lung Association

American Association of Administrators in Medicine

Society for Critical Care Medicine

National Association of Physician Assistants

National Association of Physician Assistants in Surgery

American Heart Association

Maryland Association of Physician Assistants

Maryland Academy of Family Physicians

National Telemedicine Association

National Rural Health Association

Family Health Education Foundation

National Association of Cardiovascular Technicians

Founding Member:

American Association of Inhalation Therapists – Maryland 1964

Founder Education Program - AMA Approved Programs and Curriculum:

School of Respiratory Care
Sinai Hospital of Baltimore, Inc.
One year Technician Program

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

Approval – Board of Education State of Maryland
American Medical Association – Joint Commission of Allied Health
American Board of Respiratory Care – CRTT / RRT

School of Respiratory Care
Community College of Baltimore
Two year Associate Degree Program
Mid – Atlantic State Board of Colleges
American Medical Association – Commission on Allied Health
American Board of Respiratory Care – CRTT / RRT

Associate in Critical Care Medicine / Surgery
Sinai Hospital of Baltimore, Inc. / Department of Critical Care
Two year Diploma Program
Medical Executive Committee / Board of Directors - Sinai Hospital of Baltimore, Inc.
(Program approved in 1978 as Masters Degree at Towson University)

Post Graduate Program in Critical Care Medicine
Sinai Hospital of Baltimore, Inc. / John Hopkins School of Medicine - PA Medical Residency
One year Post Graduate Diploma
Residency Training Program In Internal Medicine

Academic / Research Projects:

Walter Reed Army Medical Center
Volume vs. Pressure Ventilation Applications
Department of Anesthesia
Sponsored by Puritan Bennett Corporation
Certificate – 1964

Brown University
Department of Physiology
University without Walls – Dr. Roy Myers
Skidmore University / Sinai Hospital Research Department
1979 – Research Project
Mass Spectrometry Implementation in Community Medical Center

Sinai Hospital of Baltimore, Inc. / Department of Anesthesia / Intensive Care Medicine
Developed – *Computerized Critical Care Hemodynamic Monitoring Cart for Anesthesia*
1975

Sinai Hospital of Baltimore, Inc.
Department of Research Medicine – Dr. David Turner / Director
Critical Care Research
John Hopkins Medical School Assigned Advisor – Dr. Melvin Keller
Skidmore University Faculty at Brown University – Dr. Roy Myers
Mass Spectrometry – CO₂ monitoring with Pulmonary Embolus
1979

Sinai Hospital of Baltimore, Inc., John Hopkins University Faculty Project
University of Maryland Medical School Faculty
Developed Microprocessor Technology for:
Nervous System Dysfunction in Traumatic Head Injury
Robert Witik, MD. – Director of Research

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

1997-2000

FDA Approved Technology Designed and Developed for Patient Monitoring:

Cardiophonics Memory Loop Transmitter, FDA Approval 510 K, 1992, 1995

Cardiophonics Demodulator, FDA Approval, 1999

Cardiophonics Analog Digital Receiver, FDA Approval, 1999

Digital Data Transmission of ECG, FDA Approval 510 K, 1999

Disclosures / Copyright / Patents Applied For:

Defibrillator Pulse Width Circuit (Trader, Kuser-Trader - 1988) – Disclosure

Microcomputer Ambulatory ECG Memory Loop Recorder – 1989 – Copyright Patent office
(Trader/ Katchis / Newton)

Radio Frequency Patient Monitoring Mobility System (Trader, McGraw – 1993) – Disclosure

Cardiophonics 1000 Software for Intel 51 C Microcomputer
R-Peak Detection Algorithm – 1999 – Pending Decision

Ambulatory Heart rate Detection Algorithms – 1999 – Pending Decision

Ambulatory Microprocessor ST Triggering Algorithms – 1999 – Pending Decision

Microcomputer Pacemaker Circuit – 1997– Copyright

CardioCom Digital Receiver – 2005 – Pending Decision

Professional Invitations

1. Computer – *Telemedicine Applications of Remote Monitoring*, Maryland Rural Health Association – 1999
2. *Health Care Education Panel*, State of Maryland 2nd Annual Rural Health Care Meeting, Ocean City – 1997
3. *R to R Heart Period Variability*, American Academy of Physician Assistants, San Antonio, Texas – 1994
4. *Intubation Techniques*, National Meeting Emergency Medical Technicians, Baltimore, Maryland – 1993
5. *Mass Spectrometry System*, American Associate of Nurse Anesthetists, Baltimore, Maryland – 1989
6. *Volume Ventilation*, American Association of Respiratory Therapists, Washington, D.C. – 1988
7. *Blood Gas Analysis*, American Association of Critical Care Nurses, Washington, D.C. – 1985
8. *Respiratory Support Systems*, American Association of Critical Care Nurses, Baltimore, Maryland – 1984

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

9. *Respiratory Therapists*, American Thoracic Society, University of Maryland at College Park – 1980
10. *First Congress on Mass Spectrometry Panel*, American Academy of Physiology, Washington, D.C. – 1978
11. *Intensive Care Medicine Monitoring*, Annual Sinai Hospital Critical Care Conference – 1997
12. *Associate in Critical Care Medicine Program*, Society of Critical Care, Baltimore, Maryland – 1975
13. *Increased Resistance of Sized Trach Tubes*, American Association of Anesthesiology Annual Meeting
Jenicek, MD., Trader, AAIT – 1963

Honors

Elected Fellow
American College of Critical Care Medicine

Respiratory Therapist of the Year
Maryland Chapter of Respiratory Therapists

Bibliography

1. Mera, MD, Wityk, MD, Porges Ph.D., Trader PA-C: Heart Rate Variability in Brainstem Injury
Journal of Neurology, Spring 2001 (to be published)
2. Trader, R and Kuser, L: *Ambulatory Transtelephonic Monitoring; An Objective Market for Decisions*
Maryland Family Doctor, Feature Article, fall 1998
3. Trader, R: *Telemedicine Can Save Lives*, Warfields Journal, February 1997
4. Trader, R: *Focus on Health & Fitness*, Columbia Medical Journal, April 1997
5. Trader, R: *Analysis and Evaluation of Markets for Remote Medical Monitoring*, ML Press, 1997
6. Trader, R: *Measurement of Heart Period Variability*, Journal of Physician Assistants, July 1996
7. Trader, R: *Prescription Medications – A Health Care Crises*, Fifty Plus Journal, July 1996
8. Trader, R: *Costs Savings in Telemedicine*, Daily Record Business, March 1995
9. Jenicek, MD, Freeman Rrt., Trader: *Increased Resistance in Tracheotomy Tubes*, Journal of Anesthesia, April 1964

Grants

Sinai Hospital Auxiliary Grand, Development of Anesthesia and Critical Care Medicine
“Computer Applications and Development of Critical Care Cart” 1980

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM

Richard L. Trader, PA-C

Curricula Vitae
Richard L. Trader, Sr. RRT. PA-C, FCCM