

Edward MacLeod Racht, M.D.

CURRICULUM VITAE

PERSONAL INFORMATION

Date of Birth: October 9, 1958

Place of Birth: Niagara Falls, New York

Citizenship: United States

Marital Status: Married (Cheryl Piche Racht)

Children: Son, Harrison MacLeod
Daughter, Taylor Mary
Son, Brandon Piche

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517 South Pleasant Valley
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Edward.Racht@ci.austin.tx.us

LICENSURE

State of Virginia - #0101039033
State of Texas - #J9789

CERTIFICATIONS

National Board of Medical Examiners, 1985

Diplomate, American Board of Internal Medicine, 1988

Basic Cardiac Life Support Provider (BCLS)

Advanced Cardiac Life Support Regional Faculty (ACLS)

Advanced Cardiac Life Support National Faculty

Advanced Cardiac Life Support – Experienced Provider Course Director

Advanced Trauma Life Support Provider

Advanced Pediatric Life Support (APLS)

Basic Trauma Life Support (BTLS) Medical Director

Prehospital Trauma Life Support (PHTLS) Medical Director

EDUCATION

Emory University School of Medicine, Atlanta, Georgia; 1980-1984; M.D. Degree

Emory University, Atlanta, Georgia; 1976-1980; B.S. Degree, Biology

AWARDS AND HONORS

American Heart Association Paul Ledbetter MD Physician Volunteer of the Year Award 2004

EMS Transformer, Fitch Management Academy 2000

Regional Volunteer of the Year, American Heart Association Capital Area Division 2000

Texas EMS Medical Director of the Year, 1999

Phoenix Award, Austin EMS 1998

Governor's Award for Outstanding Operational Medical Director, Nominee 1994

Best Faculty Teacher, MCV Department of Medicine 1993-1994

Best Attending Award, MCV Class of 1992

William Harrison Higgins Award in Medicine, MCV, 1987

Mortar Board, Emory University, Atlanta, Georgia, 1978-1980

Omicron Delta Kappa, Emory University, Atlanta, Georgia, 1978-1980

DVS Senior Honor Society, Emory University, Atlanta, Georgia, 1979-1980

POSTDOCTORAL TRAINING

1985 - 1987	Resident in Internal Medicine, Medical College of Virginia Hospitals, Richmond, Virginia.
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1984 - 1985	Intern in Internal Medicine, Medical College of Virginia Hospitals, Richmond, Virginia.
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ACADEMIC APPOINTMENTS AND WORK EXPERIENCE

1995 - Present	Medical Director City of Austin / Travis County Emergency Medical Services System
2005 – Present	Alternate Health Authority, City of Austin / Travis County Health Department
02/ 2000 – 11/2000	Interim Executive Director, Austin Emergency Medical Services Austin, Texas
1989 - 1995	Associate Chief, Internal Medicine Section of Emergency Medical Services, Medical College of Virginia, Richmond, Virginia.
1991 - 1995	Intensive Care Unit Bed Control Physician, Medical College of Virginia Hospitals.

Academic

2004 – Present	Clinical Associate Professor of Emergency Medicine University of Texas Southwestern Medical School
2002 – 2004	Clinical Assistant Professor of Emergency Medicine University of Texas Southwestern Medical School
1987 - 1988	Clinical Instructor of Internal Medicine, Medical College of Virginia, Richmond, Virginia.
1988 - 1995	Assistant Professor of Internal Medicine, Medical College of Virginia; Richmond, Virginia.
1991 - 1995	Course Director, Emergency Medicine Clerkship, MCV School of Medicine.
1992 - 1995	Course Coordinator, General Practice Dental Residency Emergency Rotation.
1997 - Present	Reviewer, <i>Prehospital Emergency Care</i>
1997 - Present	Reviewer, <i>Academic Emergency Medicine</i>
1998 – Present	Editorial Board, <i>EMS Best Practices Newsletter</i>
1998 – Present	Faculty, National Fire Service Staff and Command Course
2003 – Present	Editorial Board, Journal of Emergency Medical Services (JEMS)

Emergency Medical Services

1998 – Present	EMS Medical Consultant, The Polaris Group, Atlanta, Georgia.
1998 – Present	Medical Director, Texas Department of Public Safety SWAT Team.
1997 – 2000	Medical Team Manager, Texas Task Force 1 - Urban Search & Rescue Team.
1997 – 1999	Medical Advisor, Capital Area Planning Council 911 Emergency Medical Dispatch Program.
1997 – 1999	Medical Director, Oak Hill Fire Department EMS Education Program.
1996 - Present	Medical Director, Travis County Sheriff's Office Tactical Medic Team, Austin, Texas.
1994 - 1995	Medical Director, Richmond Police Department SWAT Team, Richmond, Virginia.
1992 - 1995	Medical Director, New Kent County Volunteer Fire Department, Providence Forge, Virginia.
1990 - 1995	Medical Director, Richmond Ambulance Authority, Richmond, Virginia.
1990 - 1995	Medical Director, Richmond Department of Fire and Emergency Services, Richmond, Virginia.
1989 - 1995	Medical Director, Providence Forge Volunteer Rescue Squad, Providence Forge, Virginia.
1987 - 1995	Medical Director, Henrico Volunteer Rescue Squad, Sandston, Virginia.
1993	Medical Director, Virginia DARE Bicycle Race, Richmond, Virginia
1994	Medical Director, State of Virginia EMT-B Pilot Program
1994	Medical Director, State of Virginia EMT - I Pilot Program

International Emergency Medical Care

1999	Course Co-Director, Symposium on Prehospital Trauma Management. San Salvador, El Salvador.
1995 - Present	EMS Partnership coordinator, Moscow, Russia - Austin EMS Training Center - Moscow, Russia

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| 1993 - 1995 | Emergency Medicine Partnership coordinator, Vladivostok, Russia - MCV Hospitals Healthcare Partnership. |
| 1993 – 1997 | Emergency Medicine Task Force coordinator, American International Health Alliance, Washington, D.C. |
| 1994 | Advanced Cardiac Life Support Instructor, Murmansk, Russia |
| 1994 | Evaluator of Emergency Care Curriculum, EMS Task Force, AIHA, Yerevan, Armenia |
| 1994 - Present | Consultant to The World Bank on Emergency Medical Services development in the former Soviet Union |
| 1993 - 1995 | American Medical Director, Vladivostok Emergency Training Center, Vladivostok, Russia |

Other

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| 1989 - 1995 | Physician Reviewer, Medical Society of Virginia Review Organization, Richmond, Virginia. |
| 1989 - 1995 | Physician Consultant, TDS Healthcare Systems Corporation, Atlanta, Georgia. |

SOCIETIES

American College of Emergency Physicians
Travis County Medical Society
Texas Medical Association
National Association of EMS Physicians
EMS Physicians of Texas
National Association of EMTs

COMMITTEES

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| 2005 – Present | Medical Advisor, National Highway Traffic Safety Administration EMS Educational Standards development project |
| 2005 – 2006 | Member, Austin Heart Foundation Board of Directors |
| 2003 – Present | Member, Medical Advisory Board, 24-7 EMS |
| 2003 – Present | Health Commissioner Appointee - State of Texas Preparedness Coordinating Council |
| 2002 – Present | Member, Airway Education & Research Foundation Advisory Board |
| 2001 – 2003 | Member, NAEMSP Terrorism Response Ad Hoc Committee |

2001 – 2002	Chairperson, American Heart Association (Texas Affiliate) Acute Event Task Force
2001 – 2002	Member, American Heart Association, Texas Affiliate Board of Directors
2002 – Present	Advisory Board, National Center for Early Defibrillation
1999 – Present	Chairperson, Governor's Advisory Council on Emergency Medical Services, State of Texas
1999 – 2001	Member, Legislative Committee, Texas College of Emergency Physicians
2000 – 2003	Chairperson, National Association of EMS Physicians Operational EMS Task Force
1999 – 2000	Member, AED Ad Hoc Committee, American Heart Association, Texas Affiliate.
1999 – 2000	Chairperson, Chain of Survival Task Force. Capital Area Division of the American Heart Association
1998 – 1999	Member, State of Texas EMS Committee.
1998 – 1999	Member, State of Texas Medical Director Committee.
1998 – 2001	Co-Chair, City of Austin / Travis County EMS Transition Team.
1997 - Present	Board of Directors. Capital Area Division of the American Heart Association.
1999	- President-elect
2000	- President
1996 – 1999	Member, Austin Area Erase Hepatitis B Committee.
1996 – 1999	Member, Capital Area Division of the American Heart Association, Healthcare Site Committee.
1996 - Present	Member, EMS Committee, Texas College of Emergency Physicians.
1995 – 2000	Member, Brackenridge Hospital Multidisciplinary Trauma Committee, Austin, Texas.
1995 - Present	Member, Interagency Disaster Council, Austin, Texas.
1994 - 1995	Member, Multidisciplinary Research Oversight Team, Virginia EMS Violence Grant.

1994 – 1995	Member, Board of Directors, Performance Improvement Research Associates, Palm Harbor, Florida.
1994 - 1995	Member, Board of Directors, Virginia Chapter of the American College of Emergency Physicians.
1993 - 1994	Program Co-Director, Emergency Cardiac Care Update, Richmond, Virginia.
1993 - 1995	Member, MCV Neuroscience Center Committee.
1993 - 1994	Member, MCV School of Medicine LCME M-IV Subcommittee.
1992 - 1993	Member, MD User Group, Hospital Information Systems, MCV Hospitals.
1991 - 1995	Chairman, McDade Award Committee, Virginia Chapter of the American College of Emergency Physicians.
1992 - 1995	Chairman, Human Resources and Training Committee of the Governors Advisory Board for Emergency Medical Services, State of Virginia.
1992 - 1993	Member, Graduate Medical Education Policy Committee, Medical College of Virginia.
1992 - 1995	Member, Board of Directors - Old Dominion Emergency Medical Services Alliance.
1992 - 1995	Chairman, Protocol Task Force, Old Dominion Emergency Medical Services Alliance Medical Control Board.
1992 - 1995	Governors Advisory Board for Emergency Medical Services, State of Virginia.
1991 - 1993	Chairperson, Internship and Residency Recruitment Subcommittee, MCV Hospitals.
1991 - 1995	Henrico County EMS Advisory Board, Henrico County, Virginia.
1991 - 1992	Advanced Life Support Subcommittee, State of Virginia, Division of Emergency Medical Services.
1991 - 1995	EMS Committee - Virginia Chapter of the American College of Emergency Physicians.
1994 - 1995	- Chairperson

- 1990 - 1995 Founder and Member, Central Virginia Disaster Committee -
Pre-hospital and Hospital Component; Richmond, Virginia.
- 1990 - 1995 Chairperson, Medical College of Virginia Hospitals Disaster Committee
- 1990 - 1995 Member, Old Dominion EMS Alliance Medical Control Committee,
Richmond, Virginia.
- 1989 - 1995 Chairperson, Medical College of Virginia Hospitals Code Blue Committee.
- 1989 - 1990 Member, Old Dominion Emergency Medical Services Alliance Strategic
Planning Committee.
- 1989 - 1990 Member, Medical College of Virginia Hospitals Radiation and Hazardous
Materials Emergency Response Committee.
- 1989 - 1990 Member, University Senate; Virginia Commonwealth University;
Richmond, Virginia.
- 1989 - 1993 Director, Intern Recruitment, Department of Internal Medicine, Medical
College of Virginia.
- 1989 - 1995 Member, State of Virginia EMS Medical Control Committee.
- 1988 - 1989 Member, Psychiatry Emergency Task Force, Medical College of Virginia
Hospitals.
- 1987 - 1995 Member, City of Richmond Local Emergency Planning Committee,
Richmond, Virginia
- 1992 - 1993 - Vice Chairperson
- 1987 - 1995 Member, Richmond Area Medical Control Committee, Richmond, Virginia.
- 1987 - 1988 Member, Richmond Hospital-Based Community-Wide Disaster Planning
Work Group of State Task Force on Emergency Medical Response
Disaster Planning, Richmond, Virginia.
- 1986 - 1987 Member, Graduate Medical Education Housestaff Council.
- 1985 - 1987 Member, Medicine Housestaff Council, Medical College of Virginia,
Richmond, Virginia.

SCIENTIFIC PAPERS

Racht EM. Pitfalls in airway management. Journal of Emergency Medical Services 2002;
27(3):28-42.

Wayne MA, Racht EM, Aghababian RV, Kudenchuk PJ, Ornato JP, Slovis CM. Prehospital management of cardiac arrest: How useful are vasopressor and antiarrhythmic drugs? *Prehosp Emerg Care* 2002;6:72-80

Asaeda G, Cummins RO, Eckstein M, Racht EM, White RD. Heart to heart talk. Round table discussion. *J Emerg Med Serv JEMS*. 2001 Aug;26(8):S6-7.

Racht EM. Prehospital 12-Lead ECG. An evolving standard of care in EMS systems. *Emerg Med Services* 2001; 30(5):105-107.

Pepe PE, Swor RA, Ornato JP, Racht EM, Blanton DM, et.al. Resuscitation in the out-of-hospital setting: Medical futility criteria for on-scene pronouncement of death. *Prehosp Emerg Care* 2001; 5:79-87.

Poses RM, McClish DK, Smith WR, Huber EC, Clemo LW, Schmitt BP, Alexander D, Racht EM, Colenda CC. Results of report cards for patients with congestive heart failure depend on the method used to adjust for severity. *Ann Intern Med* 2000;133:10-20.

Taylor R, Racht EM. An old drug with new tricks. Amiodarone hits the streets. *Journal of Emergency Medical Services* 2000; 25(5): 60-74

Kudenchuk PJ, Racht EM. Pharmacologic treatment of cardiac arrest. *Prehosp Emerg Care* 1999; 3:279-282.

Bissell RA, Seaman KG, Bass RR, Racht EM, Gilbert C, Weltge AF, Doctor M, Moriarity S, Eslinger D, Doherty R. Change the scope of practice of paramedics? An EMS / Public Health policy perspective. *Prehosp Emerg Care* 1999; 3:140-149.

Bissell RA, Seaman KG, Bass RR, Racht EM, Gilbert C, Weltge AF, Doctor M, Moriarity S, Eslinger D, Doherty R. A medically wise approach to expanding the role of paramedics as physician extenders. *Prehosp Emerg Care* 1999; 3:170-173.

Ornato JP, Doctor ML, Harbour LF, Peberdy MA, Overton J, Racht EM, Zauhar WG, Smith AP, Ryan KP. Synchronization of time pieces to the atomic clock in an urban emergency medical services system. *Ann Emerg Med* April 1998; 31: 483-487.

Poses RM, De Saintonge MC, McClish DK, Smith WR, Huber EC, Clemo LW, Schmitt BP, Alexander-Forti D, Racht EM, Colenda CC, Centor RM. An international comparison of physicians' judgements of outcome rates of cardiac procedures and attitudes toward risk, uncertainty, justifiability, and regret. *Med Decis Making* 1998; 18: 131-140.

Poses RM, Smith WR, McClish DK, Huber EC, Clemo LW, Schmitt BP, Alexander-Forti D, Racht EM, Colenda CC, Centor RM. Physicians' judgements of the risks of cardiac procedures. *Medical Care*. *Accepted for publication*.

Poses RM, Smith WR, McClish DK, Huber EC, Clemo LW, Schmitt BP, Alexander-Forti D, Racht EM, Colenda CC, Centor RM. Physicians' survival predictions for patients with acute congestive heart failure. *Arch Intern Med* 1997;157:1001- 1007.

Poses RM, Smith WR, McClish DK, Schmitt BP, Racht EM, Clemo FLW, et.al. What are my chances, Doctor? - physician's judgements of the probability of survival and recovery for patients with acute congestive heart failure. J Gen Intern Med 1994;9:64

Poses RM, Smith WR, McClish DK, Schmitt BP, Racht EM, Clemo FLW, et.al. What becomes of the broken hearted? - Short term recovery of patients with acute congestive heart failure. J Gen Intern Med 1994;9:34

Ornato JP, Shipley JB, Racht EM, Slovis CM, et al. Multicenter study of a portable, hand-size colorimetric end-tidal carbon dioxide detection device. Ann Emerg Med 1992; 21(5):518-23.

Gonzalez ER, Ornato JP, Garnett AR, Racht EM, et. al. Dose-dependent vasopressor response to epinephrine during CPR in humans. Ann Emerg Med 1989; 18(9):920-926.

Ornato JP, Levine RL, Young DS, Racht EM, Garnett AR, Gonzalez ER: The effect of applied chest compression force on systemic arterial pressure and end-tidal carbon dioxide concentration during CPR in human beings. Ann Emerg Med 1989; 18(7):732-737.

Gonzalez ER, Peterson MA, Racht EM, Ornato JP: Dose-response evaluation of oral labetalol in patients presenting to the emergency department with accelerated hypertension. Ann Emerg Med 1991; 20(4):333-8

Polk RE, Healy DP, Hahai J, Racht EM: Effect of ferrous sulfate and multivitamins with zinc on absorption of ciprofloxacin in normal volunteers. Antimicrobial Agents and Chemotherapy 1989; 33(11):1841-44

Healy DP, Sahai JV, Sterling LP, Racht EM: Influence of an antacid containing aluminum and magnesium on the pharmacokinetics of cefixime. Antimicrobial Agents and Chemotherapy 1989; 33(11):1994-97

Heckerling PS, Tape TG, RS Wigton, Hissong KK, Leikin JV, Ornato JP, Racht EM, et al. Clinical prediction rule for pulmonary infiltrates. Ann Int Med 1990; 113(9):664-70.

McMahan S, Ornato JP, Racht EM, Cameron JL. Prehospital multiagency evaluation of the pharyngo-tracheal lumen (PTL) airway. Prehospital and Disaster Med. 1992; 7(1):13-18.

Ornato JP, Shipley JB, Powell RG, Racht EM: Inappropriate electrical countershocks by an automated external defibrillator. Ann Emerg Med 1992; 21(10):1278-82

SCIENTIFIC ABSTRACTS

Gonzalez ER, Ornato JP, Garnett AR, Levine RL, Young DS, Karlix JL, McClung BK, Racht EM. Dose-dependent vasopressor response to epinephrine during CPR in humans. Journal of the American College of Cardiology 1988; 11:42A.

Healy DP, Sahai J, Sterling BS, Polk R, Racht EM. Influence of Al/MG-containing antacids (A) on the pharmacokinetics (PK) of cefixime (C). American Clinical Pharmacology and Therapeutics. 19th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Nashville, TN, March 10, 1989, abstr. PIIC-2.

Gonzalez ER, Bahal N, Racht EM, Hansen LA, Ware D, Bull D, Ornato JP, Lehman ME. Comparison of morphine by high-dose intermittent intravenous injection versus patient-controlled analgesia in the emergency department treatment of patients with sickle cell crisis. Ann Emerg Med 1990; 19:4, Abstract 102.

Gonzalez ER, Bahal N, Racht EM, Hansen LA, Ware D, Bull D, Ornato JP, Lehman ME. Comparison of morphine by low-dose intermittent intravenous injection versus patient-controlled analgesia in the emergency department treatment of patients with sickle cell crisis. American College of Clinical Pharmacy 11th Annual Meeting. Ann Emerg Med 1990; 19:474.

Ornato JP, Shipley JB, Racht EM, Slovis CM, Pepe PE, et al. Multicenter study of a portable, hand-size colorimetric end-tidal carbon dioxide detection device: Ann Emerg Med 1992; 21:5.

Levine RL, Ornato JP, Racht EM, Gonzalez ER. Hemodynamic effect of increasing acceleration of chest compression during cardiopulmonary resuscitation in Man. Ann Emerg Med 19:4, Abstract NO. 155; presented at the Society of Academic Emergency Medicine 1990 Annual Meeting, Minneapolis, Minnesota, May 24, 1990.

McMahan S, Ornato JP, Racht EM, Cameron JL: Prehospital, multiagency comparison of the pharyngeotracheal lumen (PTL) airway tube. Ann Emerg Med 19:4, Abstract No. 18; 1990; Presented at the Society of Academic Emergency Medicine 1990 Annual Meeting, Minneapolis, Minnesota, May 23, 1990.

EDITORIALS

Ornato JP, Racht EM, Fitch JJ, Berry JF. The Need for ALS in Urban and Suburban EMS Systems. Ann Emerg Med (Editorial) 1990; 19(12):1469-70.

POSTER PRESENTATION

Gonzalez ER, Ornato JP, Garnett AR, Levine RL, Young DS, Karlix JL, McClung BK, Racht EM. Dose-dependent vasopressor response to epinephrine during CPR in humans. Atlanta, Georgia: 37th Annual Scientific Session (ACC abstract # 1417); March 28, 1988.

Wood IB, Racht EM, Coll WE, Kinsey KA. A comparison of ambulance driving times with and without lights and sirens. Fort Myers, Florida: National Association of EMS Physicians 2001 Annual Meeting; January 19, 2001.

BOOK CHAPTERS

Racht EM, Taylor DO, Ornato JP, Gonzalez ER: Cardiovascular Emergencies. Drug Therapy in Emergency Medicine, ed. JP Ornato and ER Gonzalez. Churchill Livingstone Publ (New York), 1990.

Racht EM, Reines HD: Medical Oversight. Prehospital Systems and Medical Oversight ed. AE Kuehl. The CV Mosby Company (St. Louis), 1994.

Racht EM, Ornato JP: Foreword to Paramedic Protocols ed. REJ Westfal. The McGraw-Hill Companies, 1997.

Ornato JP, Racht EM, Fitch JJ, Berry JF: Evolving systems and standards. ALS in urban and suburban EMS systems. Prehospital Care Administration; Issues, Readings, Cases. ed. JJ Fitch. Mosby Yearbook Publishing (St. Louis), 1995.

Racht EM: Indirect Medical Oversight. Prehospital Systems and Medical Oversight ed. AE Kuehl. Kendall/Hunt Publishing Company (Iowa), 2002.

Racht EM: Foreword to Fundamentals of Basic Emergency Care, 2nd edition ed. Beebe & Funk. Thomson Delmar Learning, 2005

ARTICLES

Racht EM: My buddy, Craig. Journal of Emergency Medical Services 2005; 30(2):102.