

BIOGRAPHICAL SKETCH

NAME	TITLE
Richard L. Verrier	Associate Professor of Medicine

EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
University of New Hampshire	B.A.	1965	Physiology
University of Virginia	Ph.D.	1969	Cardiovascular Physiology
University of Michigan	Post-Doc	1971	Cardiovascular Physiology

Experience

1971-74	Research Associate, Cardiovascular Research Laboratory, Department of Nutrition, Harvard School of Public Health, Boston
1974-75	Instructor in Physiology, Cardiovascular Research Laboratory, Department of Nutrition, Harvard School of Public Health
1975-83	Assistant Professor of Physiology, Cardiovascular Laboratories, Department of Nutrition, Harvard School of Public Health
1980-84	Assistant Professor of Physiology in Medicine, Department of Medicine, Harvard Medical School, Boston
1983-88	Affiliate, Department of Physiology and Biophysics, Harvard Medical School
1983-88	Associate Professor of Physiology, Cardiovascular Laboratories, Harvard School of Public Health
1988-94	Professor of Pharmacology, Georgetown University School of Medicine, Washington, D.C.
1994-	Associate Professor of Medicine, Harvard Medical School, Deaconess Hospital/Beth Israel Deaconess Medical Center, Boston
1996-	Associate Professor in Environmental Health, Harvard School of Public Health

Publications (Selected Publications)

- Lown B, Verrier RL, Corbalan R. Psychologic stress and threshold for repetitive ventricular response. *Science* 1973;182:834-836.
- Lown B, Verrier RL. Neural activity and ventricular fibrillation. *N Engl J Med* 1976;294:1165-1170.
- Kolman BS, Verrier RL, Lown B. Effect of vagus nerve stimulation upon excitability of the canine ventricle: Role of sympathetic-parasympathetic interactions. *Am J Cardiol* 1976;37:1041-1045.
- Stockman MB, Verrier RL, Lown B. Effect of nitroglycerin on vulnerability to ventricular fibrillation during myocardial ischemia and reperfusion. *Am J Cardiol* 1979;43:233-238.
- Lombardi F, Verrier RL, Lown B. Relationship between sympathetic neural activity, coronary dynamics, and vulnerability to ventricular fibrillation during myocardial ischemia and reperfusion. *Am Heart J* 1983;105:958-965.
- Verrier RL, Hagestad EL, Lown B. Delayed myocardial ischemia induced by anger. *Circulation* 1987;75:249-254.
- Kirby DA, Verrier RL. Differential effects of sleep stage on coronary hemodynamic function. *Am J Physiol* 1989;256 (Heart Circ Physiol 25):H1378-H1383.
- Nearing BD, Huang AH, Verrier RL. Dynamic tracking of cardiac vulnerability by complex demodulation of the T-wave. *Science* 1991;252:437-440.
- Dickerson LW, Huang AH, Nearing BD, Verrier RL. Primary coronary vasodilation associated with pauses in heart rhythm during sleep. *Am J Physiol* 264:R186-196, 1993.
- Hull SS Jr, Vanoli E, Adamson PB, Verrier RL, Foreman RD, Schwartz PJ. Exercise training confers anticipatory protection from sudden death during acute myocardial ischemia. *Circulation* 1994;89:548-52.
- Nearing BD, Oesterle SN, Verrier RL. Quantification of ischaemia-induced vulnerability by precordial T-wave alternans analysis in dog and human. *Cardiovasc Res* 1994;28:1440-1449.
- Kovach JA, Gottdiener JS, Verrier RL. Vagal modulation of epicardial coronary artery size in dogs. A two-dimensional intravascular ultrasound study. *Circulation* 1995;92:2291-2298.
- Verrier RL, Nearing BD. T-wave alternans as a harbinger of ischemia-induced sudden cardiac death. In: Zipes DP, Jalife J, eds. *Cardiac Electrophysiology: From Cell to Bedside*. WB Saunders, Philadelphia, 1995.
- Nearing BD, Hutter JJ, Verrier RL. Potent antifibrillatory effect of combined blockade of calcium channels and 5-HT₂ receptors with nexopamil during myocardial ischemia and reperfusion in canines: comparison to diltiazem. *J Cardiovasc Pharmacol* 1996;27:777-787.

- Verrier RL, Nearing BD, MacCallum G, Stone PH. T-wave alternans during ambulatory ischemia in patients with coronary heart disease. *Annals of Noninvasive Electrocardiology* 1996;1:113-120.
- Verrier RL, Walloppillai U, Lau RT, Quattrochi J, Nearing BD, Moreno R, Hobson JA. Primary vagally mediated decelerations in heart rate during tonic rapid eye movement sleep in cats. *Am J Physiol* 1998;43:R1136-R1141.
- Verrier RL, Waxman S, Lovett EG, Moreno R. Transatrial access to the normal pericardial space for diagnostic sampling, therapeutic interventions, and pericardiocentesis. *Circulation* 1998;98:2331-3.
- Rowe K, Moreno R, Lau RT, Walloppillai U, Nearing BD, Kocsis B, Quattrochi J, Hobson JA, Verrier RL. Heart rate surges during REM sleep are associated with theta rhythm and PGO activity in the cat. *Am J Physiol* 1999;277:R843-R849.
- Waxman S, Moreno R, Rowe KA, Verrier RL. Persistent primary coronary dilation induced by transatrial delivery of nitroglycerin into the pericardial space: a novel approach for local cardiac drug delivery. *J Am Coll Cardiol* 1999;33:2073-7.
- Waxman S, Pulerwitz TC, Rowe KA, Quist WC, Verrier RL. Preclinical safety testing of percutaneous transatrial access to the normal pericardial space for local cardiac drug delivery and diagnostic sampling. *Catheterization and Cardiovascular Interventions*, 2000;49:472-477.
- Verrier RL, Cohen RJ. Risk identification and markers of susceptibility. In: Spooner P, Rosen MR, editors. *Foundations of cardiac arrhythmias*. New York: Marcel Dekker; in press.