

## **CURRICULO VITAE**

Lair Geraldo Theodoro Ribeiro, M. D., F.A.C.C.

### **EDUCATION**

	Degree	Year
Educational Foundation Machado Sobrinho, Juiz de Fora (MG), Brazil	B.S.	1967
Medical School of the Federal University Juiz de Fora (MG), Brazil	M.D.	1972

### **INTERNSHIP AND POSTGRADUATE TRAINING**

Residency in Cardiology, Pontificia Universidade Catolica of Rio de Janeiro (RJ), Brazil		1973
Research Fellow in Medicine, Peter Bent Brigham Hospital and Harvard Medical School, Boston (MA), USA		1976-1978
Fellow in Cardiology, The Methodist Hospital Baylor College of Medicine, Houston (TX), USA		1978-1980

### **TEACHING/RESEARCH/MANAGERIAL EXPERIENCE**

Teaching Assistant in Anatomy, Medical School of the Federal University of Juiz de Fora (MG), Brazil		1969-1971
Teaching Assistant in Cardiology, Medical School of the Federal University of Juiz de Fora (MG), Brazil		1971-1972
Instructor in Cardiology, Post-Graduate Course, Pontificia Universidade Catolica of Rio de Janeiro (RJ), Brazil		1974
Assistant of Professor in Cardiology, Medical School of Barbacena (MG), Brazil		1975-1976
Assistant Director of Deborah Cardiovascular Research Institute, Browns Mills (NJ), USA		1980-1982

**TEACHING /RESEARCH/MANAGERIAL EXPERIENCE (Cont.)**

Adjunct Assistant Professor Thomas Jefferson College Of Medicine Philadelphia (PA), USA.	1981-1984
Director, Clinical Research Merck Sharp & Dohme Research Laboratories, West Point (PA), USA.	1982-1985
Adjunct Associate Professor Thomas Jefferson College of Medicine Philadelphia (PA), USA.	Since 1984
Executive Director, Cardiovascular Clinical Research, CIBA-GEIGY Corporation Pharmaceutical Division, Summit (NJ), USA.	1985-1988
Acting Vice President, Cardiovascular Drug Development, CIBA-GEIGY Corporation Pharrnaceutical Division, Summit (NJ), USA.	Sept. 1988- Jan. 1989
Chairman of Transderm-Nitro Defense CIBA-GEIGY Corporation Pharmaceutical Division, Summit (NJ), USA.	Sept. 1988- Jan. 1989

**EXTRACURRICULUM EDUCATION**

NLP Practioner Certification, New York NLP Institute, New York (NY), USA.	1985-1986
Management Development Program, Northeastern University, Boston (MA), USA.	1987
NLP MasterCertification, NLP Comprehensive, Boulder, (CO), USA.	1990

Curriculum Vitae

**MEDICAL PUBLICATIONS**

(See attached list)

**OTHER AFFILIATIONS**

- 1974 Brazilian Cardiology Society
- 1980 American Federation of Clinical Research
- 1981 New York Academy of Science
- 1983 American College of Cardiology
- 1983 Who's Who in Frontier Science Technology
- 1985 American Hear Association's Councils of Circulation and Basic Science
- 1986 National Association of Neuro-Linguistic Programming

**SERVICE EXPERIENCE - Brazil**

- |   |           |
|---|-----------|
| Banco do Brasil Employee - Teófilo Ottoni (MG)          | 1964-1966 |
| Cardiologist, Pro-Cardiaco Hospital                     | 1972-1974 |
| Cardiologist, Saint Luke Hospital - Teófilo Ottoni (MG) | 1974-1976 |

**PRESENT POSITION**

- |  |                    |
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| President, International Support, Inc.<br>Scientific and Management Consultants<br>Watchung (NJ) | Since Feb.<br>1989 |
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## PUBLICATIONS

### MANUSCRIPTS PUBLISHED

1. Chiariello M. Ribeiro LGT, Davis MA and Maroko PR. "Reverse Coronary Steal" Induced by methoxamine following coronary artery occlusion in dogs. Circulation 56:809-815, 1977.
2. Ribeiro LGT, Hillis LD, Louie Eric K, Davis MA, Maroko PR and Braunwald E. A method for demonstrating the efficacy of intervention designed to limit infarct size following coronary occlusion Cardiovasc Res 12:334-340, 1978.
3. Maroko PR, Kloner RA, Yasuda T, Ribeiro LGT, Maclean D and Braunwald E. Recent Investigations on attempts to limit infarct size. Chapter in acute and long term medical management of myocardial ischemia. L. Wilhelmsen and S. Hjalmarson, editors, Lindgren and Soner, Molndal. 373-387, 1978.
4. Braunwald E, Kloner RA, Hillis LD, Maclean D, Ribeiro LGT and Maroko PR: The use of hyaluronidase in the limitation of infarct size following acute coronary occlusion. Chapter in acute and long term medical management of myocardial ischemia. L Wilhelmsen and A Hjalmarson, Editors, Lingren and Soner, Molndal 358-372, 1978.
5. Ribeiro LGT, Louie EK, Hillis LD, Davis MA and Maroko PR. Early augmentation of R wave voltage after coronary artery occlusion. A useful index of myocardial injury. J Electrocardiol 12:89-95, 1979.
6. Ribeiro LGT, Louie EK, Davis MA and Maroko PR: Augmentation of collateral blood flow to the ischemic myocardium by oxygen inhalation following experimental coronary artery occlusion Cardiovasc Res 13:160-166, 1979
7. Maroko PR, Maclean D, Ribeiro LGT and Braunwald E. Pharmacological limitation of infarct size. Enzymatic electrocardiographic and morphological studies in the experimental animal and man. Enzymes in Cardiology. Diagnosis & Research Editor, DJ Hearse, The John Wiley Publishing Co, 1979.

8. Ribeiro LGT, Hooking G, Brandon TA, Reduto LA and Miller RR: Hyperemia bordering ischemic myocardium in experimental myocardial infarction. *Cardiovasc Res* 14:345-351, 1980.
9. Quinones MA, Young JB, Waggoner AD, Ostojic MC, Ribeiro LGT and Miller RR: Pulsed doppler echocardiography: An accurate noninvasive detector of left-sided valvular insufficiency. *Br Heart J* 44:612-620, 1980.
10. Ribeiro LGT, DeBauche TL, Brandon TA, Reduto LA, Maroko PR and Miller RR: Comparative effects of verapamil and nifedipine on reactive hyperemia, and ventricular arrhythmias during coronary artery reperfusion. *Eur Heart J (Suppl B)*: 31-35, 1980.
11. Ribeiro LGT and Yasuda T. Coronary reperfusion in rats - Beneficial effects of verapamil. *Arq Bras Cardiol* 35:135-138, 1980.
12. Ribeiro LGT, Brandon TA, Hopkins G, Reduto L.A, Taylor A and Miller RR. Protacyclin in experimental myocardial ischemia. Effects on hemodynamic regional myocardial blood flow, infarct size and mortality. *Am J Cardiol* 47:835-840, 1981.
13. Young JB, Quinones MD, Waggoner AD, Ostojic MC, Ribeiro LGT and Miller RR: Pulsed doppler echocardiographic assessment of left-sided valvular insufficiency. *Noninvasive cardiovascular diagnosis* Editor, EB Diethrich, The PSG Publishing Company, Inc. 575-584, 1981.
14. Ribeiro LGT, Brandon TA, DeBauche TL, Maroko PR and Miller RR: Antiarrhythmic and hemodynamic effects of calcium channel blocking agents during coronary arterial reperfusion. *Am J Cardiol* 48:69-74, 1981.
15. Ribeiro LGT and Maroko PR. Reduction in infarct size by verapamil administration *Arq Bras Cardiol* 36:1-4, 1981.
16. Maroko PR, Chiariello M and Ribeiro LGT. The influence of vasodilators and vasoconstrictors on coronary collateral flow after experimental coronary artery occlusion. *Les Alpha-Bloquants. Pharmacologie Experimentale Et Clinique*, Baumann, D, et al, Editors. Paris Symposium International, Masson Publishing Company, 193-202, 1981.

17. Iwaski T, Ribeiro LGT, Faria DB Cheung W-m and Maroko PR: The importance of the source of hyaluronidase in determining its effectiveness in reducing infarct size Am Heart J 102 324-329, 1981.
18. Yasuda T, Holmarl BL, Ribeiro LGT, Alpert JS and Maroko PR. Accuracy of serial 12 lead electrocardiograms in localizing myocardial infarctions. J Electrocardiol 15(2):181-188, 1982.
19. Miller RR, Ribeiro LGT, DeBauche TL and Brandon TA: Effects of prostacyclin and nitroprusside on mortality following experimental coronary artery occlusion, Chapter 13, Platelets and Prostaglandins in Cardiovascular Disease, Metha, J an Metha, P, Editors Mount Kisco, NY, Futura Publishing Company, 251-264. 1981.
20. Quinones MA, Waggoner AD, Reduto LA, Nelson JG, Young JB, Winters WL, Jr, Ribeiro LGT and Miller RR. A new simplified and accurate; method for determining ejection fraction with two-dimensional echocardiography Circulation 64:744-753, 1981.
21. Ribeiro LGT, Hillis LD and Maroko PR. Evolution of epicardial R wave voltage following experimental coronary artery occlusion Cardiovasc Res 15:425-429, 1981.
22. Ribeiro LGT, Spadaro J, Brandon TA, Kim H-S, Titus JL, Maroko PR and Miller RR. Effects of methoxy-verapamil (D600) on mortality and infarct size after coronary artery occlusion in rats. Arq Bras Cardiol 37:85-88, 1981.
23. Ribeiro LGT and Lefer AM. Etiology an pathophysiology of coronary artery spasm chapter 2, Coronary Artery Spasm Robert A Char!ne. Editor, rlount Kisco, NY, Futura Puhlishing Company, 39-64, 1983.
24. Ribeiro LGT, Brandon TA, Horak JK, Ware JA, Miller RR and Solis RT: Inhibition of platelet aggregation by verapamil: Quantification by in vivo and in vitro techniques. Cardiovasc Pharm 4 170-173, 1982.
25. Ribeiro LGT, Cheung W-m and Maroko PR. Influence of the extentof the zone at risk on the effectiveness of drugs in reducing infarct size Circulation 66: 181-186, 1982.

26. Yasuda T, Ribeiro LGT and Maroko PR. Effect of hyaluronidase on experimental cerebral infarct size and mortality. *Laboratory Investigation* 46:400-404, 1982.
27. Maroko PR, Ribeiro LGT and Goldberg S: Acute myocardial infarction - Coronary thrombosis and salvage of the ischemic myocardium, coronary artery spasm and thrombosis, and clinical aspects. Goldberg, S (ed) FA Davis, CO., Phila., PA, Cardiovascular Clinic Series, 14:(1 ) 191 -202, 1983.
28. Ribeiro LGT, Zalewski A and Maroko PR: Limitation of infarct size: Mechanisms of interventions, methods of evaluation and clinical applications. In Treatment of Myocardial Ischemia, Ed Pedro Zarco, Editorial Alhambra S A, Madrid Spain, 1982.
29. Hortak JK, Brandon TA, Ribeiro LGT, Ware JA Miller RR and Solis RT: Effects of Ethanol and Hemolysis on In Vivo and In Vitro Platelet Aggregation *J Cardiovasc Pharm* 4 (6). 1037-1041, 1982.
30. Faria DB, Cheung W-m, Ribeiro LGT and Maroko PR: The effects of lidocaine and dextropropripramine on myocardial necrosis. *J Am Coll Cardiol* 1(6).1447-1452, 1983.
31. Endo T, Ribeiro LGT, Cheung W-m, Faria DB, Petranto MS and Maroko PR Relationship between the extent of the hypoperfused zone of the myocardium and the occurrence of ventricular fibrillation. *Am Heart J* 105(6): June, 1983.
32. Ribeiro LGT and Davies RO: Reduction in Cardiac Death and Reinfarction Rates Caused by Beta-Blockers After Acute Myocardial Infarction. *Rev Port Cardiol* 2(5):389-392, 1983.
33. Ribeiro LGT: Beneficial effects of beta-blockade on secondary prevention. *Arq Bras Cardiol* 40(2): 73-76, 1983.
34. Sweet CS, Gaul SL, Reitz PM, Blaine EH and Ribeiro LGT: Mechanism of action of enalapril in experimental hypertension and acute left ventricular failure. *J Hypertension* 1 (Suppl 1):53-63, 1983.
35. Vik-Mo H, Maroko PR and Ribeiro LGT: Comparative effects of propranolol, timolol and metoprolol on myocardial infarct after experimental coronary artery occlusion. *J Am Coll Cardiol* 4(4): 735-741, 1984.

36. Sweet CS, Ludden CT, Frederick CM and **Ribeiro LGT**: Hemodynamic effects of antiotensin and renin inhibition in dogs with acute left ventricular failure. Am J Med 77:7-12, 1984.
37. Sweet CS, Ludden CT, Frederick CMK, Bush LR and **Ribeiro LGT**: Comparative hemodynamic effects of enalaprilat (MK-422), a converting enzyme inhibitor and a renin inhibitor in dogs with left ventricular failure. J C Pharmacol 6:1067-1075, 1984.
38. Hock CE, **Ribeiro LGT** and **Lefer AM**: Preservation of ischemic myocardium by a new converting enzyme inhibitor, enalaprilic acid, in acute myocardial infarction Am Heart J 109 222-228, 1985.
39. Vlasses PH, **Ribeiro LGT**, Rotmensch HH, Bondi JV, Loper AE, Hichens M, Duniay MC and **Ferguson RK**: Initial evaluation of transdermal Timolol, serum concentrations and beta-blockade. J Cardiovasc Pharmacol 7:245-250, 1985.
40. **Ribeiro LGT** and **Kasdin SL**: Prognosis after an acute myocardial infarction secondary prevention. Rev Lat Car 5(6):561-569, 1984.
41. **Ribeiro LGT** and **Walker J F**: Therapeutic applications of angiotensin converting enzyme inhibitors. Rev Braz Med 42(7):242-246, 1985.
42. Vik-Mo H, Yasay G, **Ribeiro LGT** and **Maroko PR**: Comparative effects of dobutamine and corwin, a beta-adrenergic partial agonist, in experimental left ventricular failure. J Cardiovasc Pharmacol 7 784-790, 1985.
43. Sweet CS, Ludden CT, Frederick CM, **Ribeiro LGT**, Nussberger J, Slater EE and **Blaine EH**: Hemodynamic effects of synthetic atrial natriuretic factor (ANF) in dogs with acute ventricular failure. Eur J Pharmacol 115:267-276, 1985.
44. Davis RF, DeBoar LW, Yasuda T, Rude RE, **Ribeiro LGT** and **Maroko PR**. Regional myocardial lidocaine concentration determines the antiarrhythmic effect in dogs after coronary artery occlusion. Anesthesiology 62(2):155-60, 1985.

45. **Ribeiro LGT** and **Kasdin SL**: Identification of high risk patients after an acute myocardial infarction Therapeutic approach for secondary prevention Arq Bras Cardiol 44(3) 207-212, 1985.
46. **Sweet CS, Ludden CT, Adkins E, Seymour AA, Emmert S and Ribeiro LGT**: Enalapril in experimental hypertension and acute heart failure: comparison with calcium channel blocker. J Cardiovasc Pharmacol 8(Suppl. 1):S 15 - S 19, 1986.
47. **Vik-Mo, Hjos OD, Neelv JR, Maroko PR and Ribeiro LGT**: Limitation of myocardial infarct size by metabolic interventions that reduce accumulation of fatty acid metabolites in ischemic myocardium. Am Heart J 111(6): 1048 - 1054. 1986.
48. **Lefer DJ, Hock CE, Ribeiro LGT and Lefer AM**: Effects of lisinopril, a new angiotensin converting enzyme inhibitor in a cyro-injury model of chronic left ventricular failure. Meth and Find Exptl Clin Pharmacol 8(6) 357-362, 1986.
49. **Ribeiro LGT, Kasdin SL, Snyder DL, Fisher MB and Irvin JD**. Beneficial effects of timolol in digitalized patients with atrial fibrillation and a rapid ventricular response Arq Bras Cardiol 46(3): 211-215,1986.
50. **Vik-Mo H, Hastie R. Chir B and Ribeiro LGT** : Hemodynamic and metabolic evaluation of an acute left ventricular failure model induced by coronary artery embolization. Arq Bras Cardiol 48(3).139-145, 1987,
51. **Ribeiro LGT** Hypertension. A paramount cardiovascular risk-factor in the western world. Arq Bras Cardiol 49(4):245-248, 1987.
52. **Sweet CS, Emmert SE, Stabilito II and Ribeiro LGT**: Increased survival in rats with congestive heart failure treated with enalapril. J Cardiovasc Pharmacol 10(6).639-642, 1987.
53. **Lin SK and Ribeiro LGT**: Kinetics of transdermal clonidine Arch Intern Med 147:1681, 1987.
54. **Brown L, Nusbaum IM and Ribeiro LGT**: Quality of life - now assess it in clinical trials. Arq Bras Cardiol 50(6): 365-368, 1988.

55. Islami Y, Ribeiro LGT: Lipid lowering effects on cardiovascular morbidity and mortality. Clinical evidence and therapeutic guidelines. Arq Bras Cardiol 51 ( 1 ) 43-48,1988.
56. Smith EF, Egan JW, Goodman FR, Zimmerman MB, Webb RL and Ribeiro LGT. Effects of two nonsulphydryl angiotensin-converting enzyme inhibitors, CGS 14831 and CGS 16617, on myocardial damage and left-ventricular hypertrophy following coronary artery occlusion in the rat. Pharmacology 37:254-263, 1988.
57. Ribeiro LGT, Price BA and Irvin JD: Antiarrhythmic effects of timolol in patients with ventricular arrhythmias Arq Bras Cardiol 51(4) 359-364, 1988.

## **MANUSCRIPTS SUBMITTED TO PUBLICATION**

1. **Debauche TL, Ribeiro LGT, Brandon TA, French S, Sybers HD and Miller RR**  
Prostacyclin in acute experimental myocardial platelet deposition and ventricular arrhythmias and comparison with nitroprusside.
2. **Ribeiro LGT, Endo T, Minella AE, Cheung W-m, Hastie R and Maroko PR**  
Accuracy of the 99mTc-albumin microspheres technique in measuring regional myocardial blood flow in dogs.
3. **Ribeiro LGT, Price BA, Harris KE and Irvin JD**: Antiarrhythmic effects of timolol maleate in patients with ventricular arrhythmias.

## PUBLICATIONS

### ABSTRACTS

1. Duarte GM, Ribeiro LGT and Carneiro RD. Acao ao verapamil na insuficiencia coronariana--avaliacao pelo teste ergometrico(in Portuguese). Arq Bras Cardiol 28 (Suppl 2):288, 1975.
2. Ribeiro LGT, Louis EK, Davis MA and Maroko PR. Beneficial effect of 100% breathing on redistribution of regional myocardial blood flow. Clin Res 25:248A, 1977.
3. Ribeiro LGT, Hillis LD, Fishbein MC, Davis MA, Maroko PR and Braunwald E. A new technique for demonstrating the efficacy of interventions designed to limit infarct size following coronary occlusion: beneficial effect of hyaluronidase. Clin Res 25:248A 1977.
4. Ribeiro LGT, Louie EK and Maroko PR: Influencia da inalacao de oxigenio na redistribuicao do fluxo coronarano (in Portuguese) Arq Bras Car. 54(Suppl 3): 232, 1977.
5. Ribeiro LGT, Louie EK, Hillis LD, Davis MA and Maroko PR Early increases in R wave voltage after coronary artery occlusion: A useful index of ischemia. Clin Res 26:264A, 1978.
6. Maroko PT, Ribeiro LGT, Kloner RA, Hillis LD and Braunwald E. Can myocardial damage following coronary occlusion really be reduced? Proceeding of VIII World Congress of Cardiology, 1978.
7. Maroko PR, Ribeiro LGT, Kloner RA, Ingwall JS and Caride VJ. Transport of ATP y liposomes into the ischemic myocardium Circulation 58 (4) 11 58, 1978.
8. Maroko PR, Yasuda T, Ribeiro LGT, Bingham J, McKusick K, Fishbein MC and Strauss W: Global and regional left ventricular function by radionuclide ventriculography after coronary occlusion in rats. Its evolution and its correlation to infarct size. Circulation 58(4)11 - 175, 1978.

9. Ribeiro LGT, Yasud T, Lowenstein E, Braunwald E and Maroko PR. Comparative effects of anatomic infarct size of verapamil, ibuprofen and morphine-promethazine-chlorpromazine combination. Am J Cardiol 43:396, 1979.
10. Davis RF, Yasuda T, Deboer L, Ribeiro LGT, Rude R, Davis MA, Ronfeld RA and Maroko PR: Determinants of antiarrhythmic efficacy of lidocaine in acute myocardial infarction Am Cardiol 43:371, 1979.
11. Young JB, Quinones MA, Waggoner AD, Ostojic M, Ribeiro LGT, Attar and Miller RR. Detection of prosthetic paravalvular leak. superiority of pulsed doppler echocardiography to clinical assessment and M-mode echocardiography. Clin Res 27:218A, 1979.
12. Ostojic MC, Quinones MA, Waggoner AD, Ribeiro LGT, Young JB, O'Donnell MJ and Miller RR. Pulsea doppler echocardiographic assessment of aortic insufficiency: Diagnostic accuracy and quantification of severity (submitted to publication) Clin Res 27:192A, 1979.
13. Young JB, Quinones MA, Ribeiro LGT, Waggoner AD, Ostojic M, Shah A and Miller RR: etection of mitral regurgitation y pulsed doppler ecocardiogranY dlnagnostic accuracy of the time nterval histogram. C 1 in Res 27 1 96A. 17
14. Ribeiro LGT and Yasuda T: Reperfusao coronariana em ratos - efeitos beneficos do verapamil. (in Portuguese). Arq Bras Cardiol. Suplemento ao Congresso 25, 1978
15. Maroko P, Ribeiro LGT, Hillis LD and Braunwald E: Sinais electro cardiograficos de necrose em pacientes com infarto agudo do miocardio -- Efeitos beneficos ao Hialuronidase (in Portuguese). Arq Bras Caraiol. Suplemento do Congresso 414, 1978.
16. Hillis LD, Ribeiro LGT, Maroko PR and Braunwald E: Infarto experimental do miocardio-nova tecnica para medir alteracoes ao seu tamanho (in Portuguese). Arq Bras Cardiol. Suplemento do Congresso 279, 1978.

17. Miller RR, Ribeiro LGT, Brandon TA, Hopkins DG, Reduto LA and Taylor AA: Effects of Prostacyclin on regional myocardial blood flow, hemodynamics, infarct size and mortality after experimental coronary occlusion. Clin Res 27:199A, 1979.
18. Ribeiro LGT, Brandon TA, Hopkins DG, Reduto L and Miller RR: Identification and quantification of a hyperemic zone bordering myocardial ischemic area. Clin Res 27:198A. 1979.
19. Ribeiro LGT, Brandon TA and Miller RR. Mortality after coronary artery occlusion-beneficial effects of D-600 (Methoxy-Verapamil) Clin Res 27:198A, 1979.
20. Ribeiro LGT, Yasuda T, Lowenstein E, Maroko PR and Braunwald E. Reducao no tamanho do infarto ao miocardio pelo uso do verapamil (in Portuguese). Arq Bras Cardiol 32:Supl 1-176, 1979.
21. Young JB, Ribeiro LGT, Quinones MA, Waggoner AD, Ostojic M and Miller RR. Importancia da doppler ecocardiografia no diagnostico e avaliacao da insuficiencia aortica e mitral (in Portuguese). Arq Bra Cardiol 32;Supl 1-51, 1979.
22. Verani MOS, Ribeiro LGT and Miller RR: Cintilografia cardiaca com thallium durante esforco-correlacoes com electracardiograma de esforco e cinecoronariografia (in Portuguese). Arq Bras Cardiol 2 Suppl 1-159, 1979.
23. Spadaro J, Ribeiro LGT, Brandon TA, Hare C and Miller RR: Oclusao coronariana -- Reducao na mortalidade pelo methoxiverapamil (D-600) (in Portuguese) Arq Bras Cardiol 32: Suppl 1-186, 1979.
24. Ribeiro LGT, Quinones MA, Reduto LA, Winters WL and Miller RR. Assessment of left ventricular regional wall motion with two-dimensional echocardiography and gated cardiac imaging comparison to angiography. Circulation 59:11 - 137, 1979.
25. Miller RR, Ribeiro LGT, Brandon TA, Hopkins and Reduto LA: Reduction in mortality independent of infarct size by nitro-prusside in experimental coronary artery occlusion. Circulation 59:11-124, 1979.

26. Hopkins D, Pratt CM, Ribeiro LGT and Miller RR: Predictors of cardiac mortality in patients with severe ST-segment depression on treadmill stress testing. *Circulation* 59:11-266, 1979.
27. Quinones MA, Reduto LA, Nelson JG, Ribeiro LGT, Young JB, Winters WL and Miller RR. A new simplified method for determining left ventricular ejection fraction by two-dimensional echocardiography. *Circulation* 59:11- 1979.
28. Fuller CM, Pratt CM, Nussey GA, Ribeiro LGT, Taylor AA and Miller RR: Antiarrhythmic efficacy of propranolol immediately following coronary bypass surgery. *Circulation* 59:184, 1979.
29. DeBauche TL, Ribeiro LGT, Brandon TA and Miller RR Value of re-coronary artery occlusion heart rate in predicting post-occlusion and reperfusion ventricular fibrillation in the experimental animal *Clin Res* 27:226A, 1979.
30. Ribeiro LGT, Quinones MA, Reduto LA, Del Ventura L, Waggoner AD, Nelson JG, Winters WL and Miller RR. Left ventricular segmental wall motion: gated cardiac blood pool imaging versus two-dimensional echocardiography. *Clin Res* 27.733A, 1979.
31. Brandon TA, Ribeiro LGT, HopKins DG, Reduto LA and Miller RR. Effects of lidocaine on hemodynamics, regional myocardial blood flow, infarct size and mortality *Clin Res* 27:725A, 1979.
32. Pratt CM, Nussey GN, Hopkins DG, Kanon S, Ribeiro LGT, DeBakey ME and Miller RR. Follow-up of a high-risk onset of coronary artery disease patients with marked ischemic response to exercise: comparison of medical and surgical groups. *Clin Res* 27:72A, 1979
33. Ribeiro LGT, Brandon TA, Horak SK, Solis RS and Miller RR: Inhibition of platelet aggregation by verapamil quantification by in vitro and in vivo techniques *Clin Res* 27.7A, 1979
34. Ribeiro LGT, DeBauche TL, Brandon TA, Reduto LA and Maroko PR: Verapamil and nifedipine during coronary artery reperfusion: effects on ventricular arrhythmias and regional myocardial blood flow. *Clin Res* 27:773, 1979.

35. Ribeiro LGT, Quinones MA, Reduto LA, Del Ventura L, Waggoner AD, Nelson JG, Winters WL and Miller RR. Left ventricular segmental wall motion: comparison of gated cardiac blood pool imaging with two-dimensional echocardiography. Clin Res 28:205A, 1980.
36. Ribeiro LGT, Brandon TA, Horak JK, Solis RT and Miller RR: Documentation of inhibition of platelet aggregation by verapamil quantification by in vitro and in vivo techniques. Clin Res 2:204A, 1980.
37. Solis RT, Ribeiro LGT, Horak JK, Brandon TA and Miller RR: adrenergic inhibition of platelet aggregation in vitro and in vivo. Clin Res 28:244A, 1980.
38. DeBauche TL, Brandon TA, Ribeiro LGT, Sybers HD, Thompson W and Miller RR: Inhibition of platelet aggregation in ischemic myocardium and antiarrhythmic effects of prostacyclin in experimental artery occlusion. Clin Res 28:165A, 1980.
39. Ribeiro LGT, Hillis LD and Maroko PR: Evolution of epicardial R wave voltage following experimental coronary artery occlusion. Clin Res 28:205A, 1980.
40. Ribeiro LGT, Cheung W-m, Miller R and Maroko PR. Effects of metnoxy verapamil, a new calcium blocker, on the extent of myocardial necrosis using artoradiography to assess the myocardium at risk. Clin Res 28.205A, 1980.
41. Pratt CM, Nussey G, Hopkins DG, Kanon D, Ribeiro LGT, DeBakey ME and Miller RR: Long Term edical surgical follow-up of a high risk subset of coronary artery disease patients with marked ischemic response to exercise. Clin Res 28:203A, 1980.
42. Ribeiro LGT, DeBauche TL, Brandon TA, Reduto LA. Maroko PR and Miller RR: Comparative effects of verapamil and nifedipine on reactive hypermea and ventricular arrhythmias during coronary artery reperfusion. Am J Cardiol 45:46 1, 1980.
43. Cheung W-m, Ribeiro LGT and Maroko PR: Is the effectiveness of a drug in reducing myocardial inJry depenaent on the extent of the zone at risk? Circulation, 62(Suppl 111) 314, 1980.

44. Maroko PR, Ribeiro LGT, Yasuda T, Davis RF, DeBoer LWV, Strauss HW, Leinbach RC and Gold HK: Effect of interventions on the protection of the ischemic myocardium in experimental animals and in patients. Proceedings of VIII European Congress of Cardiology Page 116. June, 1980.
45. Ribeiro LGT, Brandon TA, Horak JK, Solis RT and Miller RR: Inhibition of platelet aggregation by verapamil: further rationale for the use of calcium antagonists in coronary artery disease Circulation, 62 (Suppl III): 111-293, 1980.
46. DeBauche TL, Brandon TA, Ribeiro LGT, Sybers HD and Miller RR: Comparative Inhibitory actions of prostacyclin and nitro-prusside on platelet deposition in ischemic myocardium and ventricular fibrillation following coronary artery occlusion. Circulation 62(Suppl III): III-309, 1980.
47. Endo T, Ribeiro LGT, Faria DB, Cheung W-m, Petranto M and Maroko PR: Correlation between the extent of the zone of hypoperfusion and the incidence of ventricular fibrillation after experimental coronary artery occlusion. Clin Res 29.188A, 1981.
48. Maroko PR, Cheung W-m, Faria DB, Endo T, Petranto and Ribeiro LGT: Do interventions that reduce infarct size alter mortality rate? Clin Res 29.221 A, 1981.
49. Ribeiro LGT, Faria DB, Cheng W-m and Maroko PR: How accurate is the measurement of experimental infarct size when only selected left ventricular slices are used? Clin Res 29.235A, 1981.
50. Iwasaki T, Faria DB, Cheung W-m, Ribeiro LGT and Maroko PR. The importance of the source of hyaluronidase in determining its effectiveness in reducing infarct size. Clin Res 29. 210A, 1981.
51. Carvalho MA, Aloian L, Mello MG Jr, Carneiro RD and Ribeiro LGT: Beneficial effects of verapamil on myocardial ischemic injury Evaluation by precordial ST segment mapping. Clin Res 29:180A, 1981.

52. Faria DB, Iwasaki T, Endo T, Cheung W-m, **Ribeiro LGT** and Maroko PR. Calcium Antagonists: Their effectiveness in decreasing the occurrence of ventricular fibrillation and reducing infarct size after a coronary artery occlusion. Am J Cardiol 47:443, 1981.
53. DeBauche TL, Brandon TA, **Ribeiro LGT**, Holyfield K and Muller RR. Effect of Prostacyclin on ventricular arrhythmias and intracardiac conduction in myocardial ischemia. Am J Cardiol 47:437, 1981.
54. Carvalho MA, **Ribeiro LGT**, Aloian L, Mello MG, Carneiro RD and Maroko PR: Efeitos benéficos de verapamil sobre o miocárdio isquêmico -- avaliação pelo mapeamento precordial do segmento ST (in Portuguese). Arq Bras Cardiol 36(Suppl I):135, 1980.
55. Faria DB, Cheung W-m, Hastie R, Petranto Maroko PR and **Ribeiro LGT**. Effect of prostacyclin on infarct size -- analysis of discrepancies. Circulation 64 (Suppl 1 IV):IV-280, 1981.
56. Endo T, **Ribeiro LGT**, Cheung W-m and Maroko PR: Reduction in hemorrhage and the extent of necrosis by methoxy-verapamil in dogs with coronary artery reperfusion. Circulation 64:(Suppl IV):IV-98, 1981.
57. Cheung W-m, Kjekshus H, **Ribeiro LGT** and Maroko PR: Quantification of "no-reflow phenomenon" by dual autoradiography after different times of occlusion and its relationship to necrosis. Am Coll Cardiol 49:1047, 1982.
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## ABSTRACTS SUBMITTED TO PUBLICATION

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