

SIMON CHAKKO, MD PROFESSOR OF MEDICINE

PUBLICATIONS

Books and Monographs:

1. Chakko S, de Marchena E, Myerburg RJ. Sudden death in cardiomyopathy. In: Interventional electrophysiology. Editors: Luderitz B, Saksena S. Futura Publishing Inc, Mount Kisco, NY. 1991.
2. Chakko S, Kessler KM. The changes with aging as reflected in non-invasive cardiac studies. In: Geriatric Cardiology, Cardiovascular Clinics. Editors: Lowenthal D, Brest AN. FA Davis and Company, Philadelphia, 1992:35-47.
3. Preston R, Chakko S, Materson BJ. End-Stage Renal Disease. In: Cardiology and Co-existing Disease (ed 1). Editor: Rappaport E. Churchill-Livingstone, New York, 1994:175-196.
4. Chakko S, Kessler KM. Recognition and management of arrhythmias. Current Problems in Cardiology. Mosby Year Book Inc., St. Louis, MO, 1995;20-2:54-117.
5. Chakko S, Myerburg RJ. Ventricular arrhythmias and sudden death in congestive heart failure. In: Current Topics in Cardiology – Heart Failure. Editors: Rahimtoola S, McCall D. Chapman & Hall, New York, 1995:359-371.
6. Chakko S, Myerburg RJ. Cardiac arrhythmias and circadian changes. In: Circadian Rhythms of Cardiovascular Disorders. Editor: Deedwania P. Futura Publishing Inc., Armonk, NY, 1996.
7. Chakko S, Castellanos A, Kessler KM, Myerburg RJ. Cardiac Arrhythmias. In: Stein's Internal Medicine, 5th Edition. Mosby-Year Book Inc., St. Louis, MO, 1997, Chapter 7.
8. Chakko S, Bassett A. The clinical antiarrhythmic effectiveness of calcium channel antagonists. In: Calcium Antagonists in Clinic Medicine, 2nd Edition. Epstein M (ed). Hanley and Belfus, Inc., Philadelphia, PA. 1997;135-140.
9. Chakko S, Bassett AL. Are calcium antagonists proarrhythmic? In: Calcium Antagonists in Clinical Medicine, 2nd Edition. Epstein M (ed). Hanley and Belfus, Inc., Philadelphia, PA. 1997;141-154.
10. Chakko S, Alpert MA, Alexander JK. Obesity and ventricular function in man: Diastolic function. In: The Heart and Lung in Obesity, Chapter 5. Alpert MA, Alexander JK (eds). Futura Publishing Inc, Mount Kisco, NY. 1998.
11. Alpert MA, Alexander JK, Chakko S. Obesity and ventricular function in man: Systolic function. In: The Heart and Lung in Obesity, Chapter 6. Alpert MA, Alexander JK (eds). Futura Publishing Inc, Mount Kisco, NY. 1998.
12. Chakko S, Myerburg RJ. Arrhythmias and conduction disturbances. In: Hurst's The Heart, Companion Handbook, 9th Edition. McGraw-Hill Companies, New York, NY 1998;

13. Preston R, Chakko S, Epstein M. Cardiovascular complications in patients with renal disease. In: Essential Cardiology, Rosendorff, C (ed). 1st Edition. W.B. Saunders Company, Philadelphia, PA. 2000.
14. Chakko S, Bisno, AL. Acute rheumatic fever. In: Hurst's The Heart, 10th Edition. McGraw-Hill Companies, New York, NY. 2000.
15. Simmons JD, Chakko S, Myerburg RJ. Arrhythmias and conduction disturbances. In: Hurst's The Heart, Companion Handbook, 10th Edition. McGraw-Hill Companies, New York, NY. 2001.
16. Chakko S, Bassett A. The clinical antiarrhythmic effectiveness of calcium channel antagonists. In: Calcium Antagonists in Clinic Medicine, 3rd Edition. Epstein M (ed). Hanley and Belfus, Inc., Philadelphia, PA, 2002; 271-278.
17. Bassett AL, Chakko S, Epstein M. Are calcium antagonists proarrhythmic? In: Calcium Antagonists in Clinical Medicine, 3rd Edition. Epstein M (ed). Hanley and Belfus, Inc., Philadelphia, PA, 2002;279-292.
18. Chakko S, Bisno AL. Acute rheumatic fever. In: Hurst's The Heart, 11th Edition. McGraw-Hill Companies, New York, NY. 2004
19. Preston R, Chakko S, Epstein M. Cardiovascular complications in patients with renal disease. In: Essential Cardiology, Rosendorff, C (ed). 2nd Edition. W.B. Saunders Company, Philadelphia, PA. 2006
20. Simmons JD, Chakko S, Myerburg RJ. Arrhythmias and conduction disturbances. In: Hurst's The Heart, Companion Handbook, 11th Edition. McGraw-Hill Companies, New York, NY. 2005
21. Chakko S. Electrocardiographic identification of the culprit lesion in ST-segment elevation myocardial infarction. In: Textbook of STEMI Interventions, Mehta S (ed). HMP communications, Malvern, Pennsylvania 2008
22. Chakko S. Electrocardiographic identification of the culprit lesion in ST-segment elevation myocardial infarction. In: Textbook of STEMI Interventions, 2nd Edition Mehta S (ed). HMP communications, Malvern, Pennsylvania. 2010
23. Chakko S. Acute chest pain. In: Medical complications in physical medicine and rehabilitation, Cardenas D, Hooton TM (eds) Demos Medical , New York, NY 2014

Juried or Referred Journal Articles and Exhibitions:

1. Channick BJ, Adlin EV, Marks AD, Denenberg BS, McDonough MT, Chakko CS, Spann JF. Hyperthyroidism and mitral valve prolapse. NEW ENGLAND JOURNAL OF MEDICINE 1981;305:497-500.
2. Springer RM, Gheorghiade M, Chakko CS, Bell GM, Cannon III RO, Urquhart J, Jones M, Bonow RO. Platypnea secondary to interatrial right-to-left shunting following partial pneumonectomy. AMERICAN JOURNAL OF CARDIOLOGY 1983;51:1802-1803.
3. VanDyke WH, Cure J, Chakko CS, Gheorghiade M. Pulmonary edema after pericardiocentesis for cardiac tamponade. NEW ENGLAND JOURNAL OF MEDICINE 1983;309:595-596.
4. Troy AD, Chakko CS, Gash AK, Bove AA, Spann JF. Left ventricular function in systemic hypertension. JOURNAL OF CARDIOVASCULAR ULTRASONOGRAPHY 1983;2:251-257.
5. Chakko CS, Gheorghiade M. Ventricular arrhythmias in severe heart failure: Incidence, significance and effectiveness of antiarrhythmic therapy. AMERICAN HEART JOURNAL 1985;109:497-504.
6. Chakko CS, Springer RM, Gheorghiade M. The role of contrast echocardiography in the differential diagnosis of platypnea. JOURNAL OF CARDIOVASCULAR ULTRASONOGRAPHY 1985;4:139-142.
7. Gheorghiade M, Cheek HB, Chakko CS. Isolated right heart tamponade following mediastinal irradiation. AMERICAN HEART JOURNAL 1986;112:167-169.
8. Chakko CS, Richards F. Right-sided cardiac thrombi and pulmonary embolism. AMERICAN JOURNAL OF CARDIOLOGY 1987;59:195-196.
9. Barnick V, Vitarelli A, Sayers M, Chakko S, Gheorghiade M. Pulmonary edema after pericardial window procedure. CARDIOLOGIA 1987;32(2):211-213.
10. Davis S, Olichwier K, Chakko CS. Reversible depression of myocardial performance in hypophosphatemia. AMERICAN JOURNAL OF MEDICAL SCIENCES 1988;295:183-187.
11. Chakko S, Caldwell SH, Sforza PP. Treatment of congestive heart failure and its effect on pleural fluid chemistry. CHEST 1989;95:798-802.
12. Chakko CS, Frutche J, Gheorghiade M. Life-threatening hyperkalemia in severe heart failure. AMERICAN HEART JOURNAL 1989;117:1083-1091.
13. Mahdyoon H, Klein R, Eyler W, Lakier JB, Chakko CS, Gheorghiade M. Radiographic pulmonary congestion: An inconsistent finding in patients with end-stage heart failure. AMERICAN JOURNAL OF CARDIOLOGY 1989;63:625-627.
14. Gheorghiade M, Weiner DA, Chakko S, Lessen JN, Klein MD. Monotherapy of stable angina with nicardipine hydrochloride: double-blind, placebo-controlled, randomized study. EUROPEAN HEART JOURNAL 1989;10:695-701.

15. de Marchena E, Stang B, Schob A, Chakko S, Kessler KM. PTCA using a combined balloon-on-wire system and exchange guide-wire technique. CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS 1989;18:183-186.
16. Chakko S, de Marchena E, Kessler KM, Myerburg RJ. Ventricular arrhythmias in congestive heart failure. CLINICAL CARDIOLOGY 1989;12:525-530.
17. Kessler KM, McAuliffe D, Chakko CS, Castellanos A, Myerburg RJ. Multiform ventricular ectopy: A transitional arrhythmia form? AMERICAN HEART JOURNAL 1989;118:441-444.
18. de Marchena E, Musial B, Wozniak P, Schob A, Chakko S, Kessler KM. Iatrogenic internal mammary artery to coronary vein fistula. CHEST 1990;97:251-252.
19. Blaker AM, de Marchena E, Hansen P, Schob A, Janowitz W, Chakko S, Kessler KM. Iatrogenic aorto-sinus of valsalva fistula: Angiographic and cine computerized tomography delineation. CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS 1990;19:186-189.
20. Chakko S, Myerburg RJ. Antiarrhythmic drugs. CURRENT OPINION IN CARDIOLOGY 1990;5:69-73.
21. Chakko S, de Marchena E, Kessler KM, Materson BJ, Myerburg RJ. Right ventricular diastolic function in systemic hypertension. AMERICAN JOURNAL OF CARDIOLOGY 1990;65:1117-1120.
22. Chakko S. Pleural effusion in congestive heart failure. (editorial) CHEST 1990;98:521-522.
23. Chakko S, de Marchena E, Morales AR, Castellanos A. Myocarditis simulating acute transmural myocardial infarction. CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS 1990;21:10-12.
24. DiBianco R, Parker JO, Chakko S, Tanser PH, Emmanuel G, Singh JB. Doxazosin for the treatment of chronic congestive heart failure: Results of a randomized double-blind and placebo-controlled study. AMERICAN HEART JOURNAL 1991;121:372-380.
25. Chakko S, Woska D, Martinez H, de Marchena E, Futterman L, Kessler KM, Myerburg RJ. Clinical, radiographic and hemodynamic correlations in chronic congestive heart failure: Conflicting results may lead to inappropriate care. AMERICAN JOURNAL OF MEDICINE 1991;90:353-359.
26. de Marchena E, Chakko S, Fernandez P, Villa A, Cooper D, Wozniak P, Cruz J, Thurer RF, Kessler KM, Myerburg RJ. Usefulness of the automatic implantable cardioverter defibrillator in improving the survival of patients with severely depressed left ventricular function. AMERICAN JOURNAL OF CARDIOLOGY 1991;67:812-816.
27. Chakko S, Mayor M, Allison MD, Kessler KM, Materson BJ, Myerburg RJ. Abnormal left ventricular diastolic filling in eccentric left ventricular hypertrophy of obesity. AMERICAN JOURNAL OF CARDIOLOGY 1991;68:95-98.
28. Chakko S, de Marchena E, Kessler KM, Materson BJ, Myerburg RJ. Doppler-derived left ventricular filling parameters in essential hypertension: Abnormalities are inconsistent and unpredictable. JOURNAL OF CARDIOVASCULAR TECHNOLOGY 1991;10:37-43.

29. Chakko S, Gheorghiadu M. Estimating the severity of chronic heart failure: A clinical challenge for the 1990s. AMERICAN HEART JOURNAL 1992;124:260-264.
30. Bauerlein EJ, Chakko CS, Kessler KM. Reversible dilated cardiomyopathy due to thyrotoxicosis. AMERICAN JOURNAL OF CARDIOLOGY 1992;70:132.
31. Chakko S, Fernandez A, Mellman TA, Milanes FJ, Kessler KM, Myerburg RJ. Cardiac manifestations of cocaine abuse: A cross-sectional study of asymptomatic men chronically abusing "crack" cocaine. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1992;20:1168-1174.
32. Kessler KM, Chakko S, Myerburg RJ. The management of premature ventricular contractions. HEART DISEASE AND STROKE 1992;1:275-280.
33. Chakko S, Mulingtapang RF, Huikuri HV, Kessler KM, Materson BJ, Myerburg RJ. Alterations in heart rate variability and its circadian rhythm in hypertensive patients free of coronary artery disease. AMERICAN HEART JOURNAL 1993;126:1364-1372.
34. Singh SN, Fletcher RD, Fisher S, Lazzeri D, Deedwania P, Lewis D, Massie B, Singh BN, Colling C, and the CHF STAT Investigators. Veterans Affairs Congestive Heart Failure Antiarrhythmic Trial. AMERICAN JOURNAL OF CARDIOLOGY 1993;72:99F-102F.
35. de Marchena E, Asch J, Martinez J, Wozniak P, Posada JD, Pittaluga J, Breuer G, Chakko S, Kessler KM, Myerburg RJ. Usefulness of persistent silent myocardial ischemia in predicting a high cardiac event rate in men with medically controlled stable angina pectoris. AMERICAN JOURNAL OF CARDIOLOGY 1994;73:390-392.
36. Myerburg RJ, Kessler KM, Chakko S, Cox MM, Fernandez P, Interian A, Castellanos A. Future evaluation of antiarrhythmic therapy. AMERICAN HEART JOURNAL 1994;127:1111-1118.
37. Kessler DK, Chakko S, Kessler KM. The post Holter interview. JOURNAL OF AMBULATORY MONITORING 1994;7:29-31.
38. Willens HJ, Chakko S, Levy R, Bauerlein EJ, Kessler KM. Redundant mitral valve simulating an intracardiac mass on transesophageal echocardiography. ECHOCARDIOGRAPHY 1994;11:227-230.
39. Willens HJ, Chakko S, Kessler KM. Cardiovascular manifestations of cocaine abuse: A case of recurrent dilated cardiomyopathy. CHEST 1994;106:594-600.
40. Chakko S, Sepulveda S, Kessler KM, Sotomayer MC, Mash DC, Prineas RJ, Myerburg RJ. Frequency and type of electrocardiographic abnormalities in cocaine abusers. AMERICAN JOURNAL OF CARDIOLOGY 1994;74:710-713.
41. Antman EM for the TIMI 9A Investigators. Hirudin in acute myocardial infarction: Safety report from the Thrombolysis and Thrombin Inhibition in Myocardial Infarction (TIMI) 9A trial. CIRCULATION 1994;90:1624-1630.
42. Wu J, Kessler DK, Chakko S, Kessler KM. A cost-effectiveness strategy for transtelephonic arrhythmia monitoring. AMERICAN JOURNAL OF CARDIOLOGY 1995;75:184-185.

43. Chakko S, Myerburg RJ. Cardiac complications of cocaine abuse. CLINICAL CARDIOLOGY 1995;17:67-72.
44. Fernandez A, Sequeira R, Chakko S, Correa LF, de Marchena E, Chahine RA, Franceour DA, Myerburg RJ. ST segment tracking for rapid determination of patency of the infarct-related artery in acute myocardial infarction. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1995;26:675-683.
45. Singh S, Fletcher RD, Fisher S, Singh BN, Lewis HD, Deedwania PC, Massie BM, Colling C, Lazzeri D, for the Department of Veterans Affairs CHF STAT Investigators. Amiodarone in patients with congestive heart failure and asymptomatic ventricular arrhythmia. NEW ENGLAND JOURNAL OF MEDICINE 1995;333:77-82.
46. Fuchs J, Cannon CP and the TIMI 7 Investigators. Hirulog in the treatment of unstable angina: Results of the Thrombin Inhibition in Myocardial Ischemia (TIMI 7) trial. CIRCULATION 1995;92:727-733.
47. De Gasperi RN, Duncan RC, Lowery MH, Chakko S, Sequeira R. Comparison of digitized ECGs simultaneously recorded with CR and V leads. JOURNAL OF ELECTROCARDIOLOGY 1995;28:287-295.
48. Chakko S, Fernandez A, Sequeira R, Kessler KM, Myerburg RJ. Heart rate variability during the first 24 hours of successfully reperfused acute myocardial infarction: Paradoxical decrease after reperfusion. AMERICAN HEART JOURNAL 1996;132:586-592.
49. Willens HJ, Chakko S, Simmons J, Kessler KM. Cost-effectiveness in clinical cardiology: Part I – Coronary artery disease and congestive heart failure. CHEST 1996;109:1359-1369.
50. Ganz WI, Sridhar K, Ganz SS, Gonzalez R, Chakko S, Serafini A. Review of tests for monitoring doxorubicin induced cardiomyopathy. ONCOLOGY 1996;53:461-470.
51. Simmons J, Chakko S, Willens H, Kessler KM. Cost-effectiveness in clinical cardiology: Part II – Preventive strategies and arrhythmia therapies. CHEST 1996;110:256-262.
52. Massie BM, Fisher SG, Deedwania PC, Singh BN, Fletcher RD, Singh SN, for the CHF STAT Investigators. Effect of amiodarone on clinical status and left ventricular function in patients with congestive heart failure. CIRCULATION 1996;93:2128-2134.
53. Chakko S. Arrhythmias, syncope and sudden death associated with cocaine abuse. CARDIAC ELECTROPHYSIOLOGY REVIEW 1997;Vol 1:287-288.
54. Chakko S, Girgis I, Contreras G, Perez G, Kessler KM, Myerburg RJ. Effects of hemodialysis on left ventricular diastolic filling. AMERICAN JOURNAL OF CARDIOLOGY 1997;79:106-108.
55. The TIMI 11A Investigators. Dose ranging trial of Enoxaparin for unstable angina: Results of TIMI 11A. JOURNAL OF AMERICAN COLLEGE OF CARDIOLOGY 1997;29:1474-1482.
56. Singh SN, Fisher SG, Deedwania PC, Rohatgi P, Singh BN, Fletcher RD for the Congestive Heart Failure-Survival Trial of Antiarrhythmic Therapy (CHF-STAT) Investigators. Pulmonary

- effect of amiodarone in patients with heart failure. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1997;30:514-517.
57. Bassett AL, Chakko S, Epstein M. Are calcium antagonists proarrhythmic? JOURNAL OF HYPERTENSION 1997;15:915-923.
 58. Kim R, Chakko S, Myerburg RJ, Kessler KM. The clinical usefulness and cost of echocardiography in patients admitted to a coronary care unit. AMERICAN JOURNAL OF CARDIOLOGY 1997;80:1273-1276.
 59. Chakko S, Mitrani R. Recognition and management of cardiac arrhythmias. Part I. General principles and supraventricular tachyarrhythmias. JOURNAL OF INTENSIVE CARE MEDICINE 1998;13:15-31.
 60. Chakko S, Mitrani R. Recognition and management of cardiac arrhythmias: Part II. Ventricular arrhythmias and bradyarrhythmias. JOURNAL OF INTENSIVE CARE MEDICINE 1998;13:68-77.
 61. Girgis I, Chakko S, Jara C, Diaz P, de Marchena E, Castellanos A, Myerburg RJ. Effect of clonidine on heart rate variability. AMERICAN JOURNAL OF CARDIOLOGY 1998;82:335-337.
 62. Castellanos A, Moleira F, Chakko S, Acosta H, Huikuri H, Mitrani RD, Myerburg RJ. Heart rate variability in inappropriate sinus tachycardia. AMERICAN JOURNAL OF CARDIOLOGY 1998;82:531-533.
 63. Singh SN, Fisher SG, Carson PE, Fletcher RD and the Department of VA-CHF STAT Investigators. Prevalence and significance of nonsustained ventricular tachycardia in patients with premature ventricular contractions and heart failure treated with vasodilator therapy. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1998;32:942-947.
 64. Deedwania PC, Singh BN, Ellenbogen K, Fisher S, Fletcher R, Singh SN for the Department of VA-CHF STAT Investigators. Spontaneous conversion and maintenance of sinus rhythm by amiodarone in patients with heart failure and atrial fibrillation. CIRCULATION 1998;98:2574-2579.
 65. Chakko S. Arrhythmias associated with cocaine abuse. CARDIAC ELECTROPHYSIOLOGY REVIEW 1999;3:230-231.
 66. Castellanos A, Lopera G, Moleiro F, Chakko S, Mitrani RD, Myerburg RJ. Decreased heart rate variability in appropriate sinus tachycardia: Effects of fast rate? AMERICAN JOURNAL OF CARDIOLOGY 1999;84:1264-1266.
 67. Girgis I, Contreras G, Chakko S, Perez G, McLoughlin J, Lafferty J, Gualberti L, Ammazolorso M, Bresznyak ML, Kleiner N, McGinn TG, Myerburg RJ. Effect of hemodialysis on the signal averaged electrocardiogram. AMERICAN JOURNAL OF KIDNEY DISEASES 1999;34:1105-1113.
 68. Hsia SL, Duncan R, Schob AH, Chakko SC, Mulingtapang R, He JL, Perez GO. A comparative study of high-density lipoprotein phospholipids and cholesterol in patients with and without angiographically defined coronary artery disease. ATHEROSCLEROSIS 2000;152:469-473.

69. Fierro-Renoy C, Pastor-Cervantes JA, Anderson M, Chakko S. Aorto-right ventricular outflow tract fistula: Presentation one year after stab wound to the heart. ECHOCARDIOGRAPHY 2001;18:183-184.
70. Ridha M, Sequeira R, Bilsker M, Andrade S, Chakko S. Thrombosed chamber of cor-triatrarium mimicking left atrial tumor. ECHOCARDIOGRAPHY 2001;18:617-618.
71. Dulam V, Chakko S, Quartin A, Gueton JA, Valenzuela R, Myerburg RJ. Comparison of CK-MB subforms and troponin I in the evaluation of patients with acute coronary syndromes. JOURNAL OF APPLIED RESEARCH 2001;1:130-136.
72. Chakko S. Arrhythmias associated with cocaine abuse. CARDIAC ELECTROPHYSIOLOGY REVIEW 2002;6:168-169.
73. Ridha M, Lopera G, Makikallio TH, Pastor J, de Marchena E, Chakko S, Huikuri HV, Castellanos A, Myerburg RJ. Effect of carvedilol on heart rate dynamics in patients with congestive heart failure. ANNALS OF NONINVASIVE ELECTROCARDIOLOGY 2002;7:133-138.
74. Willens HJ, Chakko SC, Lowery MH, Byers P, Labrador E, Gallagher A, Castrillon JC, Myerburg RJ. Tissue Doppler imaging of the right and left ventricle in severe obesity (Body mass index > 35 kg/m²) AMERICAN JOURNAL OF CARDIOLOGY 2004; 94:1087-1090.
75. Ferreira AC, Peter AA, Chakko S, Willens HJ, de Marchena E. Severe volume depletion leading to mitral insufficiency. ARQ. BRASIL.CARDIOL 2004;82:559-560.
76. Willens HJ, Chakko S, Lowery M, Labrador E et al. Tissue Doppler Imaging of the Right and Left Ventricle in Severe Obesity. J Am Soc Echocardiography 2004; 17: 524
77. Chirinos J, Zambrano JP, Chakko S, Schob A, Virani A, Perez GO, Mendez AJ. Usefulness of C-reactive protein as an independent predictor of death in patients with ischemic cardiomyopathy. AMERICAN JOURNAL OF CARDIOLOGY 2005; 95: 88-90.
78. Chirinos JA, Zambrano JP, Chakko S, Veerani A, Schob A, Willens HJ, Perez HJ, Mendez AJ. Aortic pressure augmentation predicts adverse cardiovascular events in patients with established coronary artery disease. HYPERTENSION 2005; 45:980-985.
79. Willens HJ, Chakko SC, Byers P, Chirinos JA, Labrador E, Castrillon JC, Lowery MH. Effects of weight loss after gastric bypass on right and left ventricular function assessed by tissue Doppler imaging. AMERICAN JOURNAL OF CARDIOLOGY 2005; 95:1521-1524.
80. Chirinos J, Zambrano JP, Chakko S, Schob A, Virani A, Perez GO, Mendez AJ. Relation between ascending aortic pressures and outcomes in patients with angiographically demonstrated coronary artery disease. AMERICAN JOURNAL OF CARDIOLOGY 2005; 96:645-648.
81. Chirinos JA, Zambrano JP, Chakko S, Schob A, Goldberg RB, Mendez AJ. Ability of serum to decrease cellular AcylCoA: Cholesterol Acyl transferase activity predicts cardiovascular outcomes. CIRCULATION 2005; 112:2446-2453

82. Willens HJ, Chirinos J, Chakko S. The Relation Between Mitral Annular Calcification and Mortality in Patients Undergoing Diagnostic Coronary Angiography . ECHOCARDIOGRAPHY 2006; 23:717-722
83. Chirinos J, Corrales-Medina VF, Garcia S, Lichtstein DM, Bisno AL, Chakko S. Endocarditis associated with antineutrophil cytoplasmic antibodies: a case report and review of the literature. CLINICAL RHEUMATOLOGY 2007; 26:590-595
84. Chirinos JA, Virani A, Zambrano JP, Schob A, Perez G, Mendez AJ, Chakko S. Evaluation of comorbidity scores to predict all-cause mortality in patients with established coronary artery disease. INTERNATIONAL JOURNAL OF CARDIOLOGY 2007; 117: 97-102
85. Willens HJ, Morales G, Stang RB, Postel C, Hare JM, Chakko S. Extensive Left Atrial Thrombus in a Cocaine User with a Bioprosthetic Mitral Valve, Normal Sinus Rhythm and Left Ventricular Dysfunction. ECHOCARDIOGRAPHY 2007; 24:656-657
86. Willens HJ, Gomez-Marin O, Heldman A, Chakko S, Postel C, Hasan T, Mohammed F. Adherence to appropriateness criteria for transthoracic echocardiography: Comparisons between a regional Department of Veterans Affairs Health Care system and academic practice and between physicians and mid-level providers. JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY 2009; 22:793-9
87. Willens HJ, Hendel RC, Inhaber F, Chakko S, Mohammed F, Hasan T, Postel C. Appropriateness use criteria for transthoracic echocardiography: Relationship with radiology benefit managers preauthorization determination and comparison of the new (2010) criteria to the original (2007) criteria. AMERICAN HEART JOURNAL 2011; 162:772-779

Other Works and Publications:

Abstracts:

1. Chakko CS, Troy A, Gash A, Bove A, Spann J. Decreased ventricular contractile function, normal pump function and compensatory mechanisms in patients with systemic hypertension. AMERICAN JOURNAL OF CARDIOLOGY 1982;49:978.
2. Gheorghiade M, Chakko CS. Dilated cardiomyopathies: Mortality and determinants of prognosis. CLINICAL RESEARCH 1983;31:185.
3. Gheorghiade M, Chakko CS. Is antiarrhythmic therapy really necessary in patients dilated cardiomyopathies and complex ventricular arrhythmias? CLINICAL RESEARCH 1983;31:186.
4. Chakko CS, Gheorghiade M, Beller GA. Can resting left ventricular function predict exercise capacity in patients with dilated cardiomyopathy? CLINICAL RESEARCH 1983;31(2):174A.
5. Schlepner CJ, Gheorghiade M, Chakko CS, Engle J. The effect of calcium channel antagonists on lymphocyte function. CLINICAL RESEARCH 1983;31(2):352A.
6. Gheorghiade M, Chakko CS, Angelelli SB, Baky SH. Short and long-term treatment of stable angina with nifedipine hydrochloride, a new calcium channel blocker: A double-blind, placebo-controlled, randomized repeated crossover study. CLINICAL RESEARCH 1984;23(2):168A.
7. Frutchey JA, Chakko CS, Gheorghiade M. Life threatening hyperkalemia in severe heart failure. Virginia Medical 1985;112:114.
8. Cheek HB, Chakko CS, Gheorghiade M. Localized pericardial effusion-constriction presenting as cardiac tamponade. Virginia Medical 1985;112:115.
9. Richards III F, Chakko S. The incidence of pulmonary embolization in patients with right heart thrombi. Virginia Medical 1986;113:102.
10. Caldwell S, Chakko S. Will diuretics convert a transudative pleural effusion into an exudative effusion in congestive heart failure? Virginia Medical 1987;114:103.
11. Davis S, Olichwier K, Chakko CS. Reversible depression of myocardial performance in hypophosphatemia. CLINICAL RESEARCH 1987;35:272A.
12. Caldwell S, Sforza P, Chakko S. Treatment of congestive heart failure and its effect on pleural fluid chemistry. CLINICAL RESEARCH 1988;36:504A.
13. Troyer P, Lui C, Karagounis L, Chakko S. Prediction of severe proximal stenosis of left anterior descending artery by electrocardiogram. CLINICAL RESEARCH 1988;36:324A.
14. Davis S, Lui C, Chakko S. Lack of correlation between exercise radionuclide angiography and Doppler echocardiography in patients with coronary artery disease. CLINICAL RESEARCH 1988;36:271A.

15. Chakko S, de Marchena E, Kessler KM, Materson BJ, Myerburg RJ. Abnormal right ventricular diastolic function in essential hypertension. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1990;15:142A.
16. de Marchena E, Asch J, Wozniak P, Pitaluga J, Martinez, Breuer G, Caralis P, Chakko S, Kessler K, Myerburg R. Prognosis of patients medically converted from symptomatic angina to silent ischemia. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1991;17:107A.
17. Chakko S, de Marchena, Kessler KM, Myerburg RJ, Materson BJ. Doppler derived left ventricular filling parameters in essential hypertension: abnormalities are inconsistent and unpredictable. CLINICAL RESEARCH 1991;39:395A.
18. KM Kessler, DK Kessler, CS Chakko. The post Holter interview. CLINICAL RESEARCH 1992;40:857A.
19. Mulingtapang RF, Chakko S, Huikuri HV, Kessler KM, Materson BJ, Myerburg RJ. Altered heart rate variability and its circadian rhythm in left ventricular hypertrophy. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1993;21:333A.
20. Fuchs J, McCabe CH, Antman EM, Borzak S, Palisaitis D, Herson S, Daum R, Palmeri S, Sequeira R, Sharma GVRK, Diver D, Warnica W, Mueller H, Magorien R, Goldberg N, Leya F, Thompson C, Williams DO, Remetz M, Chakko S, Henry T, Hochman J, Chaitman B, Cannon CP, Findlen K, Adelman B, Braunwald E, for the TIMI-7 Investigators. Hirulog in the treatment of unstable angina: results of the TIMI-7 trial. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1994;23:56A.
21. WU J, Kessler DK, Chakko SC, Kessler KM. A cost-effectiveness strategy for transtelephonic arrhythmia monitoring. CLINICAL RESEARCH 1994;42:363A.
22. Singh SN, Fletcher RD, Fisher SG, Lewis D, Deedwania PC, Massie BM, Singh BN, Collings CL and the CHF STAT Investigators. Results of the Congestive Heart Failure Survival Trial of Antiarrhythmia Therapy. CIRCULATION 1994;90:I-546.
23. Borzak S, Kraft PL, Douthat L, Cannon CP, Antman E, McCabe C, Massaro J, Adelman B, Fuchs J, Becker RC for the TIMI-7 Investigators. Prior aspirin use in unstable coronary disease: Myth of aspirin resistance? CIRCULATION 1994;90:1-232.
24. Fletcher RD, Singh S, CHF-STAT Investigators. Amiodarone decreases ability of baseline ventricular arrhythmia severity to predict mortality. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1995;25:45A.
25. Borzak S, Kraft PL, Douthat L, Cannon CP, Antman E, Massaro J, Palmeri ST, Hochman JS, McCabe CT, Fuchs J, Adelman B, TIMI-7 Investigators. What beyond aspirin and anticoagulation improves outcome in unstable angina? Effect of medical therapy. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1995;25:356A.
26. Massie BM, Singh SN, Fletcher RD, Fisher SG for the CHF-STAT Investigators. Effect of Amiodarone on ejection fraction and CHF status in the VA cooperative study of Amiodarone for congestive heart failure. CIRCULATION 1995;92:I-143.

27. Radford MJ, Deedwania PC, Fisher SG, Fletcher RD, Ringh SN for the CHF-STAT Investigators. Amiodarone improves left ventricular function which is associated with improved survival in patients with dilated cardiomyopathy. CIRCULATION 1995;92:1-143.
28. Singh SN, Fletcher RD, Fisher SG for the CHF-STAT Investigators. Pulmonary effects of amiodarone in patients with heart failure. CIRCULATION 1995;92:1-195.
29. Ezuddin SH, Zambrano J, Sfakianakis G, Chandarlapaty SKC, Coletti S, Chakko S, Sequeira R. Myocardial perfusion imaging in coronary artery disease in patients with combined right bundle branch block and left anterior hemiblock. RADIOLOGY 1995;197:146.
30. Kim R, Chakko S, Myerburg RJ, Kessler KM. The cost of a useful echocardiogram in patients admitted to the coronary care unit. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1996;27:377A.
31. Deedwania PC, Singh BN, Ellenbogen K, Singh NS, Fletcher R, Fisher S, for the CHF-STAT Investigators. Amiodarone is more effective than placebo for the spontaneous restoration and maintenance of sinus rhythm in patients with chronic atrial fibrillation and congestive heart failure. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1996;27:46A.
32. Singh NS, Fisher SG, Singh BN, Massie BM, Fletcher RD and the CHF-STAT Investigators. Ischemic vs nonischemic cardiomyopathy: clinical outcome and response to amiodarone. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1996;27:203A.
33. Massie BM, Fisher SG, Radford M, Fletcher RD, Singh SN for the CHF-STAT Investigators. Amiodarone produces effects similar to beta-blockers in CHF. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 1996;27:169A.
34. Girgis I, Contreras G, Lafferty J, Chakko S, McLoughlin J, Gualberti L, Kleiner M, Constantino T, Perez G, Kessler KM, Myerburg RJ. Effect of hemodialysis on signal averaging ECG. AMERICAN JOURNAL OF KIDNEY DISEASES 1996;27:A6.
35. Singh SN, Fletcher RD, Fisher SG, Singh BN, CHF-STAT Investigators. Prevalence and significance of nonsustained ventricular tachycardia in patients with heart failure on vasodilator therapy. CIRCULATION 1996;94:120.
36. Castellanos A, Moleiro F, Chakko S, Acosta H, Huikuri H, Mitrani RD, Myerburg RJ. Heart rate variability in inappropriate sinus tachycardia. PACE 1997;April:1176.
37. Castellanos A, Lopera G, Moleiro F, Chakko S, Mitrani RD, Myerburg RJ. Decreased heart rate variability in appropriate sinus tachycardia: effects of fast rate? Circulation 1998;98:1646.
38. Dulam V, Chakko S, Ahmad MZ, Myerburg RJ, Valenzuela R. Comparison of CK-MB subforms and troponin I in the risk stratification of patients with acute myocardial ischemic syndromes. Journal of Investigative Medicine 2000;48:178A.
39. Lopera G, Huikuri HV, Tapanainen J, Chakko S, Myerburg RJ. Is abnormal heart rate variability a specific feature of congestive heart failure? Journal of the American College of Cardiology 2000;35:106A.

40. Simmons J, Diaz M, McCollister K, Salgueiro P, Marquez L, Chakko S, Interian A, Myerburg R. Cost analysis of implantable cardioverter defibrillators in patients with ischemic heart disease, decreased left ventricular function, and nonsustained ventricular tachycardia: selective or widespread use? *Journal of the American College of Cardiology* 2003;41:138A.
41. Zambrano JP, Chirinos J, Chakko S, Tamariz L, Palacio A, Schob A, Perez GO, Mendez AJ. C-Reactive protein and the prediction of cardiovascular events in patients with documented coronary artery disease: effects of aspirin and statin therapy. *Journal of Investigative Medicine* 2004;52:S261.
42. Chirinos JA, Zambrano JP, Chakko SC, Schob A, Perez GO, Mendez AJ. High-density lipoprotein-mediated cholesterol efflux from cells is a strong independent predictor of cardiovascular risk. *Journal of the American College of Cardiology* 2004;43:463A.
43. Willens HJ, Chakko S, Lowery MH, Labrador E, Gallagher A, Castrillon JC, Jimenez J, Fein S, Byers P. Tissue Doppler imaging of the right and left ventricle in severe obesity. *Journal of the American Society of Echocardiography*. May 2004: 524.
44. Willens HJ, Chakko SC, Byers P, Labrador E, Castrillon J, Lowery MH. Effects of weight loss following gastric bypass surgery on right and left ventricular systolic and diastolic function. *Journal of the American College of Cardiology*. 2005; 45:273A
45. Chirinos JA, Willens HJ, Veerani A, Zambrano JP, Schob A, Chakko S. Mitral annular calcification and its predictive value for mortality among patients with established coronary artery disease. *Journal of the American Society of Echocardiography* 2005 (in press)
46. J. Chirinos, JP. Zambrano, A. Veerani, G. Perez, A. Schob I, AJ. Mendez, S. Chakko Evaluation of comorbidity scores to predict mortality in patients with coronary artery disease. *European Heart Journal* 2005 (in press)
47. J. Chirinos, JP. Zambrano, S. Chakko, A. Veerani, A. Schob, GO. Perez, AJ Mendez. Correlation between ascending aortic pressures and outcomes in patients with coronary artery disease. *American Journal of Hypertension* 2005; A103.
48. J. Chirinos, JP. Zambrano, S. Chakko, A. Veerani, A. Schob, GO. Perez, AJ Mendez. Aortic pressure augmentation predicts adverse cardiovascular events in patients with established coronary artery disease. *American Journal of Hypertension* 2005; A11 - 12.
49. S. Mondal, S. Chakko, Agustin Castellanos, Robert J Myerburg. Prevalence and Long-Term Clinical Follow-Up of Patients with Brugada EKG Patterns Among a US Veteran Population. *Circulation* 2005; 112:II:375
50. Chirinos J, Veerani A, Corson L, Schob A, Chakko S, Perez GO, Mendez, AJ. Peripheral arterial disease is associated with increased serum myeloperoxidase levels independently of the presence of severity of coronary artery disease. *Journal of the American college of Cardiology* 2007; 49: 322A
51. Khan AN, Veerani A, Chirinos JC, Schob A, Chakko S, de Marchena E, Ferreira A. clinical outcome of patients with non-critical coronary artery stenosis: A four year prospective study. *CATHERIZATION CARDIOVASCULAR INTERVENTIONS* 2007; 69:S76

52. Howard J. Willens, Orlando Gómez-Marín,, Alan Heldman, Simon Chakko, Cheryl Postel, Tahira Hasan, Fareed Mohammed. Adherence to Appropriateness Criteria for Transthoracic Echocardiography: Adherence to appropriateness criteria for transthoracic echocardiography: Comparisons Between a Regional Department of Veterans Affairs Health Care System and Academic Practice and Between Physicians and Mid-Level Providers. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 2009; 53:A 390
53. Howard J. Willens, Orlando Gómez-Marín, Alan Heldman, Maureen Lowery, Simon Chakko, Roberto Miki, Sharon Andrade-Bucknor, Cheryl Postel, Tahira Hasan, Fareed Mohammed. Comparison of Compliance with Appropriateness Criteria for Stress Echocardiography in an Academic Practice and Veterans Administration Medical Center. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 2009; 53:A 389

Other Works:

1. Chakko S. Pleural effusion in congestive heart failure. Physicians Radio Network (on the air), May 1989.
2. de Marchena E, Stang B, Schob A, Chakko S, Kessler KM. PTCA using a combined balloon-on-wire system and exchange guide wire technique. Cardiology Digest 1990.
3. Chakko S, de Marchena E, Kessler KM, Materson BJ, Myerburg RJ. Right ventricular diastolic function in systemic hypertension. Clinical Digest Series 1990.
4. Chakko S, de Marchena E. Clinical radiographic and hemodynamic correlations in chronic congestive heart failure. Cardiology Board Review 1991;8:58-62.
5. de Marchena E, Chakko S, Fernandez P, et al. Cardioverter/defibrillator improves survival of patients with severe left ventricular dysfunction. Cardiology Board Review 1992;9:94-105.
6. Singh S, Fletcher RD, Fisher S, Deedwania P, Lewis D, Massie B, Singh B, Colling CL and the CHF-STAT Investigators. Congestive heart failure: Survival Trial of antiarrhythmic therapy. Controlled Clinical Trials 1992;13:339-350.
7. Chakko S. How to evaluate pleural effusions in patients with CHF. The Journal of Respiratory Diseases 1994;15:665.
8. Hess M, Blank DU, Chakko S, et al. Advanced heart failure. Experts Forum. Quadrant Health Com, Chatham, NJ, 1998.
9. Department of Veterans Affairs-CHF STAT, Behrens S, Ney G, Fisher SG, Fletcher RD, Franz MR, Singh S. Effects of amiodarone on the circadian pattern of sudden cardiac death. American Journal of Cardiology 1997;80:45-48.