

CURRICULUM VITAE
(UPDATED NOVEMBER 29 2007)

PERSONAL INFORMATION

NAME: JORGE CHEIRIF BERKSTEIN, M.D.

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RESIDENCY IN INTERNAL MEDICINE
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FELLOWSHIP IN CARDIOLOGY
BAYLOR COLLEGE OF MEDICINE
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JULY, 1984 - JUNE, 1987

EXAMINATIONS:

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MEDICAL GRADUATES (ECFMG), 1978
VISA QUALIFYING EXAMINATION
(VQE), 1979
FEDERATION LICENSING EXAMINATION
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LICENSURE:

STATE OF TEXAS, 1982
STATE OF LOUISIANA, 1992

CERTIFICATION:

DIPLOMATE, AMERICAN BOARD OF
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BOARD CERTIFIED, CARDIOLOGY,
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DIPLOMATE, AMERICAN BOARD
OF INTERNAL MEDICINE,
CARDIOVASCULAR DISEASE SUBSPECIALTY
1989

ADVANCED CARDIAC LIFE SUPPORT
MARCH, 1992 - SEPTEMBER, 1996

BOARD CERTIFIED M IN ECHO-
CARDIOGRAPHY UNTILL 2016.

MEMBERSHIPS:

TEXAS MEDICAL ASSOCIATION, 1981 - 1992
AMERICAN MEDICAL ASSOCIATION, 1992
FELLOW, AMERICAN COLLEGE OF
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PREVIOUS POSITIONS:

DIRECTOR, ECHOCARDIOGRAPHY LAB
DIRECTOR, ECHOCARDIOGRAPHIC
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DIRECTOR, NONINVASIVE CARDIOLOGY LAB
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BAYLOR COLLEGE OF MEDICINE,
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JUNE, 1989 - SEPTEMBER, 1992

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BAYLOR COLLEGE OF MEDICINE,
HOUSTON, TEXAS
JUNE, 1987 - JUNE, 1989

WORK EXPERIENCES:

ASSISTANT TO TOBIAS ROTBERG, M.D.
CARDIOLOGY, MEXICO CITY 1980 TO 1981
ASSISTANT TEACHER OF BIOCHEMISTRY,
MEDICAL FACULTY OF THE NATIONAL
UNIVERSITY OF MEXICO (UNAM)1976-1978

ASSISTANT TO ABRAHAM BERKSTEIN, M.D.,
OTOLARYNGOLOGY, MILITARY MEDICAL
SCHOOL, MEXICO CITY
1976 TO 1977

EDITORIAL BOARD:

REVIEWER FOR JOURNAL OF THE AMERICAN
SOCIETY OF ECHOCARDIOGRAPHY
JANUARY, 1991 - PRESENT

REVIEWER FOR JOURNAL OF THE AMERICAN
COLLEGE OF CARDIOLOGY
JANUARY, 1991 - PRESENT

REVIEWER FOR ECHOCARDIOGRAPHY
JOURNAL JANUARY, 1991 - PRESENT

REVIEWER FOR CIRCULATION
JANUARY, 1992 - PRESENT

REVIEWER FOR CHEST
JANUARY, 1992 - PRESENT

REVIEWER FOR AMERICAN JOURNAL OF
CARDIOLOGY, 1995- PRESENT

REVIEWER FOR AMERICAN HEART JOURNAL
1995- PRESENT

HONORS:

MEMBER, INSTITUTIONAL REVIEW BOARD
FOR HUMAN STUDIES,
HUMAN SUBCOMMITTEE
VA MEDICAL CENTER, HOUSTON, TEXAS
JULY, 1988 - JULY, 1991

MEMBER, COST CONTAINMENT COMMITTEE
VA MEDICAL CENTER, HOUSTON, TEXAS
JANUARY, 1992 - SEPTEMBER, 1992

MEMBER, MORTALITY REVIEW COMMITTEE
VA MEDICAL CENTER, HOUSTON, TEXAS
APRIL, 1992 - SEPTEMBER, 1992

CLINICIAN - SCIENTIST AWARD
AMERICAN HEART ASSOCIATION
OCTOBER, 1992 - SEPTEMBER, 1997

MEMBER, CARDIAC IMAGING
AD HOC COMMITTEE
DECEMBER, 1992 – PRESENT

CORRESPONDENT MEMBER,
COLOMBIAN SOCIETY OF CARDIOLOGY
NOVEMBER 30, 1993 - PRESENT

MODERATOR, CONTRAST
ECHOCARDIOGRAPHY SESSION,
CONTRAST ECHOCARDIOGRAPHY:
NEW OBSERVATIONS AND AGENTS,
66TH ANNUAL SCIENTIFIC SESSIONS OF THE
AMERICAN HEART ASSOCIATION,
ATLANTA, GEORGIA, NOVEMBER 10, 1993

ABSTRACT GRADER,
66TH ANNUAL SCIENTIFIC SESSIONS OF THE
AMERICAN HEART ASSOCIATION
ATLANTA, GEORGIA, NOVEMBER 8-11, 1993

MEMBER, SPECIAL PROCEDURES
COMMITTEE OF THE AMERICAN SOCIETY OF
ECHOCARDIOGRAPHY
1993 - PRESENT

MEMBER, EDUCATION AND RESEARCH
FOUNDATION COMMITTEE ON CONTINUING
MEDICAL EDUCATION OF THE LOUISIANA
STATE MEDICAL SOCIETY
JANUARY 1, 1994 - DECEMBER 31, 1996

TEACHER OF THE YEAR AWARD 1994-1995
OCHSNER MEDICAL INSTITUTIONS

MEMBER, INTERNAL AFFAIRS COMMITTEE
OCHSNER MEDICAL INSTITUTIONS
1994

BOARD OF DIRECTORS, EXCITEWRITE
HOUSTON, TEXAS
1994

MEMBER, PEER REVIEW COMMITTEE
AMERICAN HEART ASSOCIATION
1994 - 1997

MENTOR FOR MARIO MEZA, M.D., RECIPIENT
YOUNG INVESTIGATOR AWARD
COMPETITION LOUISIANA CHAPTER OF
AMERICAN COLLEGE OF CARDIOLOGY
SEPTEMBER, 1993

MENTOR FOR MARIO MEZA, M.D., FINALIST
YOUNG INVESTIGATOR AWARD
COMPETITION ANNUAL SCIENTIFIC SESSIONS
AMER. SOC. OF ECHOCARDIOGRAPHY
SAN FRANCISCO, CALIFORNIA
JUNE 13-15, 1994

CO-CHAIRMAN, CONTRAST
ECHOCARDIOGRAPHY SESSION
67th ANNUAL SCIENTIFIC SESSIONS OF THE
AMERICAN HEART ASSOCIATION
DALLAS, TEXAS NOVEMBER, 1994.

CHAIRMAN, CONTRAST ECHOCARDIOGRAPHY
POSTER SESSION 6th ANNUAL SCIENTIFIC
SESSION AMERICAN SOCIETY OF ECHO-
CARDIOGRAPHY TORONTO, CANADA
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MENTOR FOR MARIO MEZA, M.D., FINALIST
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AMER. SOC. OF ECHOCARDIOGRAPHY
TORONTO, CANADA
JUNE 14-16, 1995.

MENTOR FOR SAMEH MOBAREK, M.D.
SECOND PLACE, YOUNG INVESTIGATOR
AWARD COMPETITION, NASPE NATIONAL
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CO-CHAIRMAN ANIMAL MODEL SESSION
AMERICAN SOCIETY OF ECHOCARDIOGRAPHY
ANNUAL SCIENTIFIC SESSION
SAN FRANCISCO, JUNE 12, 1998

MANUSCRIPTS:

1. **CHEIRIF BJ**, ZOGHBI WA, YAMAMOTO H, HENRY PD, QUIÑONES MA. DEMONSTRATION OF PHYSIOLOGIC TRANSIT TIME OF SONICATED MEGLUMINE. *J CARDIOVASC ULTRASONOGRAPHY*, 6(4):245, 1987.
2. **CHEIRIF BJ**, ZOGHBI WA, RAIZNER AE, MINOR ST, WINTERS WL, KLEIN MS, DEBAUCHE TL, LEWIS JM, ROBERTS R, QUIÑONES MA. ASSESSMENT OF MYOCARDIAL PERFUSION IN MAN BY CONTRAST ECHOCARDIOGRAPHY, PHASE I: EVALUATION OF REGIONAL CORONARY RESERVE BY PEAK CONTRAST INTENSITY. *J AM COLL CARDIOL*, 11(4):735, 1988.
3. ROKEY R, MULVAUGH SL, **CHEIRIF BJ**, MATTOX KL, JOHNSTON DL. LIPOMATUS ENCASEMENT AND COMPRESSION OF THE HEART: ANTEMORTEM DIAGNOSIS BY CARDIAC NUCLEAR MAGNETIC RESONANCE IMAGING AND CATHETERIZATION. *AM HEART JOURNAL*, 117(4):952-953, 1989.
4. **CHEIRIF BJ**, ZOGHBI WA, BOLLI R, O'NEILL P, HOYT BS, QUIÑONES MA. ASSESSMENT OF REGIONAL MYOCARDIAL PERFUSION BY CONTRAST ECHOCARDIOGRAPHY: EXPERIENCE AT BAYLOR COLLEGE OF MEDICINE. *ECHOCARDIOGRAPHY*, 6(2):001-006, 1989.
5. **CHEIRIF BJ**, ZOGHBI WA, BOLLI R, O'NEILL P, HOYT BD, QUIÑONES MA. ASSESSMENT OF REGIONAL MYOCARDIAL PERFUSION BY CONTRAST ECHOCARDIOGRAPHY. II DETECTION OF CHANGES IN TRANSMURAL AND SUBENDOCARDIAL PERFUSION DURING DIPYRIDAMOLE-INDUCED HYPEREMIA IN A MODEL OF CRITICAL CORONARY STENOSIS. *J AM COLL CARDIOL*, 14(6): 1555-65, 1989.
6. BLANCK Z, **CHEIRIF BJ**, HEIBIG J, HARRIS S, BLICK D. THROMBOLYSIS WITH TPA FOR LATE SAPHENOUS VEIN GRAFT THROMBOSIS. *AM HEART JOURNAL*, 119(4):952-953, 1990.
7. FEINSTEIN SB, **CHEIRIF BJ**, TEN CATE FJ, SILVERMAN P, HEIDENREICH PA, DICK C, DESIR RM, ARMSTRONG WF, QUIÑONES MA, SHAH PM. SAFETY AND EFFICACY OF A NEW TRANSPULMONARY ULTRASOUND CONTRAST AGENT. INITIAL MULTICENTER RESULTS. *J AM COLL CARDIOL*, 16(2):316-324, 1990.
8. QUIÑONES MA, **CHEIRIF BJ**. NEW PERSPECTIVES FOR PERFUSION IMAGING IN ECHOCARDIOGRAPHY. *CIRCULATION*, 83(SUPPL. III):III-104-III-110, 1991
9. SANDERS WE JR., **CHEIRIF BJ**, DESIR R, ZOGHBI WA, HOYT BD, SCHULZ PE, QUIÑONES MA. CONTRAST OPACIFICATION OF LEFT VENTRICULAR MYOCARDIUM FOLLOWING INTRAVENOUS ADMINISTRATION OF SONICATED ALBUMIN MICROSPHERES. *AM HEART J*, 122:1660-1665, 1991.

10. ZOGHBI WA, **CHEIRIF BJ**, KLEIMAN NS, VERANI MS, TRAKHTENBROIT A. DIAGNOSIS OF ISCHEMIC HEART DISEASE USING ADENOSINE ECHOCARDIOGRAPHY. *J AM COLL CARDIOL*, 18:1271-1279, 1991.
11. **CHEIRIF BJ**, ZOGHBI WA. ADENOSINE ECHOCARDIOGRAPHY: A NEW PHARMACOLOGIC STRESS TEST. *CORONARY ARTERY DISEASE*, 2(5):564-568, 1991.
12. **CHEIRIF BJ**. EMERGING CLINICAL ROLES OF CONTRAST ECHOCARDIOGRAPHY. *AM J CARDIAC IMAG*, 18:1271-1279, 1991.
13. WRAY RA, QUIÑONES MA, ZOGHBI WA, **CHEIRIF BJ**. RELATION OF MEAN PIXEL INTENSITY TO CONCENTRATION OF SONICATED ALBUMIN MICROSPHERES: EFFECTS OF ULTRASOUND SYSTEM SETTINGS. *CLIN CARDIOL*, 2(5):564-568, 1991.
14. MULVAUGH S, QUIÑONES MA, KLEIMAN NS, **CHEIRIF BJ**, ZOGHBI WA. ESTIMATION OF LEFT VENTRICULAR END DIASTOLIC PRESSURE FROM DOPPLER TRANSMITRAL VELOCITY IN CARDIAC PATIENTS INDEPENDENT OF SYSTOLIC PERFORMANCE. *J AM COLL CARDIOL*, 20:112-119, 1992.
15. **CHEIRIF BJ**, DESIR RM, BOLLI R, MAHMARIAN JJ, ZOGHBI WA, VERANI MS, QUIÑONES MA. RELATION OF PERFUSION DEFECTS OBSERVED WITH MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY TO THE SEVERITY OF CORONARY STENOSIS: CORRELATION WITH THALLIUM-201 SINGLE PHOTON EMISSION TOMOGRAPHY. *J AM COLL CARDIOL*, 19(6):1343-1349, 1992.
16. MAJID PA, **CHEIRIF BJ**, ROKEY R, SANDERS E, ET AL. DOES COCAINE CAUSE CORONARY VASOSPASM IN CHRONIC COCAINE ABUSERS: A STUDY OF CORONARY AND SYSTEMIC HEMODYNAMICS. *CLIN CARDIOL*, 15:253-258, 1992.
17. FEINSTEIN SB, **CHEIRIF BJ**. QUANTITATION OF BLOOD FLOW USING CONTRAST ECHOCARDIOGRAPHY. *CORONARY ARTERY DISEASE*, 3(4): 291-298, 1992.
18. BUCAY M, **CHEIRIF BJ**. INTERVENCIONES FARMACOLOGICAS PARA LA DETECCION DE ISQUEMIA DEL MIOCARDIO CON EL USO DE LA ECOCARDIOGRAFIA. *MEDICINA INTERNA*, 8:24-28, 1992.
19. BUCAY M, KERSHENOBICH S, **CHEIRIF BJ**. EVALUACION DE LAS OBSTRUCCIONES DE VALVULAS PROTESICAS POR ECOCARDIOGRAFIA. *MEDICINA INTERNA*, 8:65-69, 1992.
20. HARTLEY CJ, **CHEIRIF J**, COLLIER KR, BRAVENEC JS, MICKELSON JK. DOPPLER QUANTIFICATION OF ECHO-CONTRAST INJECTIONS IN VIVO. *J OF ULTRASOUND IN MEDICINE AND BIOLOGY*, 19:269-278, 1993.
21. **CHEIRIF J**, NARKIEWICZ-JODKO JB, BRAVENEC JS, D'SA A, QUIÑONES MA, MICKELSON JK. MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY: RELATION BETWEEN ON-LINE AND OFF-LINE ASSESSMENT OF MYOCARDIAL PERFUSION. *ECHOCARDIOGRAPHY*, 10(4): 1-15, 1993.

22. CROUSE LJ, **CHEIRIF J**, HANLY DE, KISSLO JA, LABOVITZ AJ, RAICHLN JS, SCHUTZ RW, SHAH PM, SMITH MD. OPACIFICATION AND BORDER DELINEATION IMPROVEMENT IN PATIENTS WITH SUBOPTIMAL ENDOCARDIAL BORDER DEFINITION IN ROUTINE ECHOCARDIOGRAPHY: RESULTS OF THE PHASE III ALBUNEX MULTICENTER TRIAL. *J AM COLL CARDIOL* 1993; 22 (5): 1494-500.
23. JEROUDI MO, **CHEIRIF J**, HABIB G, BOLLI R. PROLONGED WALL MOTION ABNORMALITIES AFTER CHEST PAIN AT REST IN PATIENTS WITH UNSTABLE ANGINA: A POSSIBLE MANIFESTATION OF MYOCARDIAL STUNNING. *AM HEART J* 1994; 127(5): 1241-50.
24. **CHEIRIF J**. TRANSESOPHAGEAL ECHOCARDIOGRAPHY: CONQUERING THE MEDIASTINUM. *CHEST*, 105:331-332, 1994.
25. **CHEIRIF BJ**, NARKIEWICZ-JODKO JB, HAWKINS HK, BRAVENEC JS, PULEO P, QUIÑONES MA, MICKELSON JK. COLLATERAL BLOOD FLOW DETECTED BY CONTRAST ECHOCARDIOGRAPHY PREDICTS RECOVERY OF REGIONAL MYOCARDIAL FUNCTION IN A CANINE MODEL OF CORONARY THROMBOSIS AND REPERFUSION. *J AM COLL CARDIOL*, 1995, 26:537-546.
26. DESIR RM, **CHEIRIF BJ**, BOLLI R, ZOGHBI WA, HOYT BD, QUIÑONES MA. ASSESSMENT OF REGIONAL MYOCARDIAL PERFUSION WITH MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY IN A CANINE MODEL OF VARYING DEGREES OF CORONARY STENOSIS. *AM HEART J*, 127:56-63, 1994.
27. AFRIDI I, QUIÑONES MA, ZOGHBI WA, **CHEIRIF BJ**. DOBUTAMINE STRESS ECHOCARDIOGRAPHY: SENSITIVITY, SPECIFICITY, AND PREDICTIVE VALUE FOR FUTURE CARDIAC EVENTS. *AM HEART J*, 127:1510-5, 1994.
28. **CHEIRIF J**, MEZA M, MURGO JP. DOBUTAMINE ECHOCARDIOGRAPHY AND MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY: TWO NEW TECHNIQUES FOR THE ASSESSMENT OF MYOCARDIAL VIABILITY. *THI J* , 22:33-39, 1995.
29. **CHEIRIF JB**. DIAGNOSIS OF MYOCARDIAL STUNNING: A NEW USE FOR MYOCARDIAL CONTRAST AND DOBUTAMINE ECHOCARDIOGRAPHY. *AM J CARDIAC IMAG* 1995, 4: 261-268.
30. POSITION PAPER ON CONTRAST ECHOCARDIOGRAPHY. *J AM SOC ECHOCARDIO*, 1994. (IN PROGRESS, AS PART OF A SUBCOMMITTEE)
31. SILVA JA, KHURI B, BARBEE W, FONTENOT D, **CHEIRIF J**. SYSTOLIC EXCURSION OF THE MITRAL ANNULUS TO ASSESS SEPTAL FUNCTION IN PATIENT'S WITH PARADOXICAL SEPTAL MOTION. *AM HEART J* 1995. IN PRESS.
32. MEZA MF, **CHEIRIF J**. STRESS ECHOCARDIOGRAPHY: AN OVERVIEW FOR THE GENERAL INTERNIST. *INTERNAL MEDICINE* 1995; JUNE ISSUE: 57-75.

33. BACH DS, MULLER DWM, **CHEIRIF J**, ARMSTRONG WF. REGIONAL HETEROGENEITY ON MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY WITHOUT SEVERE OBSTRUCTIVE CORONARY ARTERY DISEASE. *AM J CARDIOL* 1995; 75: 982-986.
34. BACH DS, ARMSTRONG WF, COLLINS T, MULLER DWM, RAMEE SR, BRUNS DE, **CHEIRIF J**. INTRACORONARY AND AORTIC ROOT MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY: THE EFFECTS OF ROUTE, DOSE AND PHARMACOLOGIC CORONARY VASODILATION. *J AM SOC ECHOCARDIOG* 1995; 8: 719-27.
35. **CHEIRIF J**, WRAY R, HEIBIG J, HARRIS S,STAUDACHER R, BUCAY M, ZACCA N. ROTATIONAL ABLATION OF DISCRETE LESIONS IN THE CORONARY ARTERIES IS SAFE: A NON-RANDOMIZED COMPARISON WITH PTCA. *THI JOURNAL* 1995, 22: 237-42.
36. KATES MA, MEZA MF, MEHRA MR, VENTURA HO, REVALL S, D'SA A, MURGO JP, **CHEIRIF J**. ON LINE MYOCARDIAL TISSUE CHARACTERIZATION WITH A NEW COMMERCIALY PRODUCED SOFTWARE. ECHOCARDIOGRAPHY 1996, IN PRESS.
37. FEINSTEIN SB, WINKELMANN JW, **CHEIRIF J**: PERFUSION IMAGING USING CONTRAST ECHOCARDIOGRAPHY: ASSESSMENT OF THE NO-REFLOW PHENOMENON. *CORONARY ARTERY DISEASE*, 1995, 6:619-624.
38. **CHEIRIF J**, MURGO JP. CLINICAL IMPORTANCE OF DETERMINING THE PRESENCE OF MYOCARDIAL VIABILITY. *CORONARY ARTERY DISEASE*, 1995, 6: 597-599.
39. **CHEIRIF J**, MURGO JP. ASSESSMENT OF MYOCARDIAL VIABILITY USING DOBUTAMINE-ECHOCARDIOGRAPHY. *CORONARY ARTERY DISEASE*, 1995, 6: 600-605.
40. MOBAREK SK, GILLILAND YE, BERNAL A, MURGO JP, **CHEIRIF J**. IS A FULL DIGITAL ECHOCARDIOGRAPHY LABORATORY FEASIBLE FOR ROUTINE DAILY USE? *ECHOCARDIOGRAPHY*. 1996; 13:473-482.
41. KATES MA, MEZA MF, BARBEE RW, REVALL S, PERRY B, MURGO JP, **CHEIRIF J**. POTENTIAL CLINICAL IMPLICATIONS OF ABNORMAL MYOCARDIAL PERFUSION PATTERNS IMMEDIATELY FOLLOWING REPERFUSION IN A CANINE MODEL: A MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY STUDY. *AM HEART J*, 1996; 132:1-11.
42. MEZA MF, KATES MA, BARBEE RW, REVALL S, PERRY B, MURGO JP, **CHEIRIF J**. MYOCARDIAL VIABILITY ASSESSMENT: COMBINATION OF DOBUTAMINE AND MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY TO DIFFERENTIATE POST-ISCHEMIC FROM INFARCTED MYOCARDIUM. *J AM COLL CARDIOL* 1997;29:974-84.

43. MEZA MF, MOBAREK S, SONNEMAKER R, SHULER S, RAMEE SR, COLLINS TJ, WHITE CJ, ARISTIZABAL D, MURGO JP, **CHEIRIF J**. MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY IN HUMANS: CORRELATION OF RESTING PERFUSION DEFECTS TO SESTAMIBI SPECT. AM HEART J, 1996; IN PRESS.
44. MOBAREK S, KATES M, MEZA M, BARBEE W, MURGO JP, **CHEIRIF J**. IDENTIFICATION OF PERFUSION ABNORMALITIES USING FS069, A NOVEL CONTRAST AGENT, IN CONSCIOUS DOGS. ECHOCARDIOGRAPHY, 1997;14:337-344.
45. HARJAI KJ, **CHEIRIF J**, MURGO JP. ISCHEMIA AND ATHEROSCLEROTIC CORONARY ARTERY DISEASE IN PATIENTS WITH HYPERTROPHIC CARDIO-MYOPATHY: A REVIEW OF INCIDENCE, PATHOPHYSIOLOGIC MECHANISMS, CLINICAL IMPLICATIONS AND MANAGEMENT STRATEGIES. CAD 1996, IN PRESS.
46. MOBAREK SK, KATES MA, MURGO JP, MORENO CA, REVALL S, **CHEIRIF J**. ASSESSMENT OF RENAL PERFUSION IN A CANINE MODEL USING FS069, A NEW TRANSPULMONARY ECHO-CONTRAST AGENT. ECHOCARDIOGRAPHY 1996, IN PRESS.
47. MEZA M, GREENER Y, HUNT R, PERRY B, REVALL S, BARBEE W, MURGO JP, **CHEIRIF J**. MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY: RELIABLE, SAFE AND EFFICACIOUS MYOCARDIAL PERFUSION ASSESSMENT FOLLOWING INTRAVENOUS INJECTION OF A NEW ECHOCARDIOGRAPHIC CONTRAST AGENT. AM HEART J, 1996; 132:871-881.
48. RICHARDS DR, COLON PJ, OCHSNER JL, CHEIRIF J. VENTRICULAR SEPTAL DEFECT MASQUERADING AS SEVERE TRICUSPID REGURGITATION: A CASE REPORT AND LITERATURE REVIEW. ECHOCARDIOGRAPHY, IN PRESS, 1997.
49. RICHARDS DR, COLON PJ III, MOBAREK SK, MORENO CA, MURGO JP, **CHEIRIF J**. MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY: IN-VIVO DEMONSTRATION OF DECREASED REPERFUSION INJURY WITH INTRA-CORONARY ADENOSINE. CIRCULATION 1996, SUBMITTED.
50. HARJAI KJ, MOBAREK S, **CHEIRIF J**, BOULOS LM, MURGO JP, ABI-SAMRA F. CLINICAL VARIABLES AFFECTING RECOVERY OF LEFT ATRIAL MECHANICAL FUNCTION FOLLOWING CARDIOVERSION FROM ATRIAL FIBRILLATION. J AM COLL CARDIOL 17;30:481-6.
51. MEZA MF, RAMEE S, COLLINS T, STAPLETON D, MILANI RV, MURGO JP, **CHEIRIF J**. KNOWLEDGE OF PERFUSION AND CONTRACTILE RESERVE IMPROVES THE PREDICTIVE VALUE OF RECOVERY OF REGIONAL FUNCTION POSTREVASCULARIZATION. CIRCULATION 1997;96: IN PRESS.

52. HARJAI K, MOBAREK S, ABI-SAMRA F, GILLILAND Y, DAVISON N, DRAKE K, REVALL S, **CHEIRIF J.** MECHANICAL DYSFUNCTION OF THE LEFT ATRIUM AND THE LEFT ATRIAL APPENDAGE FOLLOWING CARDIOVERSION OF ATRIAL FIBRILLATION: RELATION TO TOTAL ELECTRICAL ENERGY USED FOR CARDIOVERSION. AM J CARDIOL 1997, SUBMITTED.
53. COHEN, J.L., **CHEIRIF, J.**, SEGAR, D.S., GILLAM, L.D., GOTTDIENER, J.S., HAUSNEROVA, E., BRUNS, D.E., IMPROVED LEFT VENTRICULAR ENDOCARDIAL BORDER DELINEATION AND OPACIFICATION WITH OPTISON (FS069), A NEW ECHOCARDIOGRAPHIC CONTRAST AGENT. J AM COLL CARDIOL 1998; 32:746-52
54. COLON III, P.J., **CHEIRIF, J.**, LONG-TERM VALUE OF STRESS ECHOCARDIOGRAPHY IN THE TRIAGE OF PATIENTS WITH ATYPICAL CHEST PAIN PRESENTING TO THE EMERGENCY DEPARTMENT, A JRNL. OF CV ULTRASOUND & ALLIED TECH. VOL. 16, No. 2, 1999
55. COLON, III, P.J., MOBAREK, S.K., MILANI, RICHARD V., LAVIE, C. J., CASSIDY, M. M., MURGO, J. P., **CHEIRIF, J.**, PROGNOSTIC VALUE OF STRESS ECHOCARDIOGRAPHY IN THE EVALUATION OF ATYPICAL CHEST PAIN PATIENTS WITHOUT KNOWN CORONARY ARTERY DISEASE, THE AMERICAN JOURNAL OF CARDIOLOGY, VOL. 81, MARCH 1, 1998.
56. RICHARDS, D.R., GILLILAND, Y., BERNAL, J.A., SMART, F. W., STAPLETON, DD., VENTURA, H.O., **CHEIRIF, J.**, AMERICAN HEART JOURNAL, APRIL 1998.

BOOK CHAPTERS:

1. **CHEIRIF J.** "ASSESSMENT OF MYOCARDIAL VIABILITY." IN: WHITE CJ, RAMEE SR (EDS). ADVANCES IN INTERVENTIONAL CARDIOLOGY: NEW TECHNIQUES AND STRATEGIES FOR DIAGNOSIS AND TREATMENT. MARCEL DEKKAR, NEW YORK:1993.

ABSTRACTS:

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OUTSIDE PRESENTATIONS:

1. DETERMINATION OF MYOCARDIAL FLUX WITH CONTRAST ECHOCARDIOGRAPHY. THE AMERICAN BRITISH COWDRAY HOSPITAL, MEXICO CITY, JUNE 25, 1989.
2. USE OF DOPPLER IN ACUTE MYOCARDIAL INFARCTION. COURSE ON APPLICATIONS OF TWO-DIMENSIONAL ECHO, DOPPLER AND COLOR DOPPLER, SPONSORED BY ATL, KEY BISCAINE, FLORIDA, JULY 19-21, 1989.

3. DOPPLER EVALUATION OF PROSTHETIC VALVULAR STENOSIS. COURSE ON APPLICATIONS OF TWO-DIMENSIONAL ECHO, DOPPLER AND COLOR DOPPLER, SPONSORED BY ATL, KEY BISCAYNE, FLORIDA, JULY 19-1, 1989.
4. USE OF CONTRAST ECHOCARDIOGRAPHY FOR THE EVALUATION OF MYOCARDIAL PERFUSION. COURSE ON APPLICATIONS OF TWO-DIMENSIONAL ECHO, DOPPLER AND COLOR DOPPLER, SPONSORED BY ATL, KEY BISCAYNE, FLORIDA, JULY 19-21, 1989.
5. NEW PERSPECTIVE FOR PERFUSION IMAGING IN ECHOCARDIOGRAPHY. INTERNATIONAL WORKSHOP "STRESS TESTING FOR THE DIAGNOSIS OF CORONARY ARTERY DISEASE IN THE 90's". PISA, ITALY, SEPTEMBER 20-21, 1989.
6. PHARMACOLOGIC INTERVENTIONS FOR. THE DETECTION OF ISCHEMIA. SECOND HISPANO-AMERICAN COURSE OF ECHOCARDIOGRAPHY. SPONSORED BY ATL, KEY BISCAYNE, FLORIDA, SEPTEMBER 21-23, 1990.
7. EVALUATION OF PROSTHETIC VALVE OBSTRUCTIONS. SECOND HISPANO-AMERICAN COURSE OF ECHOCARDIOGRAPHY. SPONSORED BY ATL, KEY BISCAYNE, FLORIDA, SEPTEMBER 21-23, 1990.
8. TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN ENDOCARDITIS. SECOND HISPANO-AMERICAN COURSE OF ECHOCARDIOGRAPHY. SPONSORED BY ATL, KEY BISCAYNE, FLORIDA, SEPTEMBER 21-23, 1990.
9. COCAINE-INDUCED VASOCONSTRICTION, FACT OR FANCY? ADVANCES IN ECHOCARDIOGRAPHY: CONTRAST ECHOCARDIOGRAPHY PERFUSION IMAGING, TRANSESOPHAGEAL ECHO. UNIVERSITY OF CHICAGO SYMPOSIUM, CHICAGO, OCTOBER 4-5, 1990.
10. CONTRAST ECHOCARDIOGRAPHY. NEW AGENTS AND CLINICAL APPLICATIONS. V INTERNAL COURSE OF ECHOCARDIOGRAPHY AND COLOR DOPPLER. "NEW FRONTIERS IN CARDIOLOGY TOWARD THE 90's. ABC HOSPITAL, MEXICO CITY, NOVEMBER 28-30, 1990.
11. LIMITATIONS AND PITFALLS IN ADULT CARDIAC IMAGING. SYMPOSIUM ON NEW DEVELOPMENTS IN CARDIAC ULTRASOUND: A MEDICAL ENGINEERING CHALLENGE. SPONSORED BY VINGMED. HOLMENKOLLEN PARK, OSLO, NORWAY, AUGUST 23-24, 1991.
12. TISSUE CHARACTERIZATION AND PERFUSION STUDIES FOR ISCHEMIC HEART DISEASE. SYMPOSIUM ON NEW DEVELOPMENTS IN CARDIAC ULTRASOUND: A MEDICAL ENGINEERING CHALLENGE. SPONSORED BY VINGMED. HOLMENKOLLEN PARK, OSLO, NORWAY, AUGUST 23-24, 1991.

13. FIRESIDE PANEL ON CONTRAST ECHOCARDIOGRAPHY--AGENTS AND USES. ACC 42ND ANNUAL SCIENTIFIC SESSION, ANAHEIM, CALIFORNIA, MARCH 14-18, 1993.
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