

CURRICULUM VITAE

PROFESSOR. AVIJIT LAHIRI

M.B., B.S., M.Sc., M.R.C.P, F.A.C.C., F.E.S.C

CONTENTS

		<u>Page</u>
1	Demographic Data	3-10
2	Publications 1 (Peer Reviewed Publications)	11-36
3	Publications 2 (Multicentre Publications)	37
4	Non-Peer Reviewed Publications	38-43
5	Book Chapters	44-45
6	Invited Lectures	46-67
7	Abstracts & Proceedings of Symposia	68-118
8	Departmental Publications	119-121

DOB: 22nd January, 1948
STATUS: Married to Dr Chobi Lahiri, MB, BS, DRCOG
CHILDREN: Dr Diya Lahiri, DIC MSc PhD and Dr Nayana Lahiri, BSc MB ChB MRCP

ACADEMIC QUALIFICATIONS

M.B.B.S., Calcutta University. 1972
M.Sc.(Nuclear Medicine) University of London 1981
Joint Committee on Higher Medical Training:
Certified in Nuclear Medicine(UK) 1987
Fellow of the American College of Cardiology (F.A.C.C.) - 1988
Member of the Royal College of Physicians, (M.R.C.P) - 1993
Fellow of the European Society of Cardiology, (F.E.S.C) - 1996

HONOURS

Member, Royal College of Physicians: Category bylaw 177 (1993)
The Howard Gilman Foundation Distinguished Visiting Scholar of
Cornell University Medical School, New York, USA (1995)
Visiting Professor, University of Beijing, People's Republic of China (1993)
C Merit Awarded by Northwick Park & St Mark's NHS Trust (1995)

PRESENT APPOINTMENT

Director
Cardiac Imaging & Research Department
Wellington Hospital
Wellington Place
London NW8 9LE
United Kingdom
Tel.No: +44(0)20 7483 5062/Fax.No: +44(0) 20 7483 5083

Medical Director
British Cardiac Research Trust
28-32 Wellington Road
London NW8 9SP
(Charity No: 1077234)

Honorary Professor
Middlesex University
Trent Park
Bramley Road
London N14 4YZ

Honorary Clinical Senior Lecturer
Imperial College of Science, Technology & Medicine
National Heart and Lung Institute
Sir Alexander Fleming Building
Exhibition Road
London SW7 2AZ

Director
Enhancecorp Ltd
73 Wimpole Street
London W1G 8AZ

ADDRESS FOR CORRESPONDENCE:

Wellington Building
28-32 Wellington Road
London NW8 9SP
United Kingdom

PA/Secretary: Mrs Geeta Mehta
Tel.No: +44(0)20 7483 9127/9128
Fax.No: +44(0)20 7483 9126

Email: alahiri@cardiacresearch.co.uk
avijitlahiri@yahoo.com

EDUCATION

1. School

St. Xavier's School, Hazaribagh, India (1955 to 1964). Senior Cambridge 1965.

2. Calcutta National Medical College and Hospital (India)

Rotating Internship	- 1972 - 1973
Senior House Officer (Cardiology)	- 1973 - 1974
Senior House Officer (General Medicine)(Professorial Unit)	- 1975

PAST APPOINTMENTS

Associate Specialist in Nuclear Cardiology, Department of Cardiology, Northwick Park Hospital and Clinical Research Centre, Harrow, Middx. 1984 -1987.

Senior Research Fellow, Cardiology Department and The Division of Clinical Sciences, Northwick Park Hospital, Harrow, Middx. 1983-1984.

Research Registrar, Department of Cardiology, and Division of Clinical Measurements, Northwick Park Hospital and Clinical Research Centre, Harrow, Middx. 1981-1983.

Research Fellow, Department of Cardiology, Northwick Park Hospital - 1977/80

Senior House Officer, Cardiology, Northwick Park Hospital - 1976/77

Senior House Officer, General Medicine, German Hospital, London (6 months)- 1975/76.

Department of Cardiology, Northwick Park Hospital, Harrow, Middx. Clinical Assistant (6 months) - 1975.

PREVIOUS APPOINTMENT - 1987-2004

Director, Cardiac Research Department
Chief Executive, NPH Cardiac Research Fund
Honorary Consultant Cardiologist
Department of Cardiovascular Medicine
Northwick Park Hospital and Institute of Medical Research
North West London Hospitals NHS Trust
Watford Road, Harrow, Middlesex, HA1 3UJ, U.K.
And
Honorary Clinical Senior Lecturer
St Mary's Hospital Medical School
Praed Street, London, W2 1NY

THESIS

MSc. In Nuclear Medicine: London University, 1981
Pulmonary Uptake of Thallium -201.

PATENT APPLICATIONS

1. Improvements Relating to Cardiac Monitoring. Miniaturised Cardiac Probe.
Patent Application No. 8509150. 10th April, 1985.
2. Blood pool imaging agent. Cationic complexes of Technetium.
Patent Application No. 8531296. 19th December, 1985.

RADIOISOTOPE LICENSE

ARSAC (UK) RPC 265-15.

DEVELOPMENT OF A CARDIAC INSTRUMENTS

CARDIOSCINT
Oakfield Instruments and John Caunt & Co
Oxon
UK

MEDICAL EXPERIENCE

1. Rotating Internship (House Officers) - for one year at Calcutta National Medical College.
2. Internal medicine: SHO in the Professorial Unit (Calcutta National Medical College). Worked with Prof. S. Biswas FRCP for 6 months. Involved in the management of a 50 bed medical unit and outpatient clinics.
3. Cardiology: SHO in Cardiology for one and a half years in a 30 bed Cardiology Department (Calcutta National Medical College). Worked with Prof. H.K. Bose MD, FACC. Responsible for running both the OPD and in-patient clinics for one year
4. London, 1975 onwards: Internal medicine: Responsible for the running of a 50 bed general medical unit at the German Hospital, Dalston, London for 6 months (1975-1976) as an SHO.
5. Cardiology, Northwick Park Hospital: From October 1976 onwards. Responsible for management of patients in the coronary care unit. Involved with the routine management of patients on the Cardiology/General Medical Ward with Dr. E.B. Raftery MD, FRCP, FACC (Consultant Cardiologist, upto 1995).
6. Out-patient clinics (Cardiology and Medical). Coronary care on-call rota for 12 years.
7. In charge of the 2 Research Clinics for 7 years.
8. Helped with the development and the running of the "Cardiac Rehabilitation Group at Northwick Park Hospital.
9. Specialist Cardiology Training: Northwick Park Hospital, 1977-1986.
10. In charge of Cardiac Research, from 1987.
11. Director and Fundraiser, Cardiac Research Department, from 1993.

ACHIEVEMENTS AT NORTHWICK PARK HOSPITAL.

1. Responsible for setting up and for the development of the exercise laboratory (1976).
2. Responsible for the development of the nuclear cardiology facilities (1977).
3. Development of a miniature solid-state mercuric iodide radiation detector for continuous cardiac monitoring (1983).
4. Responsible for setting up the nuclear cardiology facilities at the Royal Airforce Hospital at Holton (1983).
5. Patent application:
A new Caesium Iodide Photodiode for monitoring left ventricular volumes (1985) (patent).

6. Patent application:
Development of a new phosphine (^{99m}Tc labelled - DEPIC) for blood pool radionuclide angiography (1986) (patent).
6. Development of the haemodynamic heart failure laboratory (1987).
8. Introduction of monoclonal antibodies for diagnostic and therapeutic studies in cardiovascular medicine at Northwick Park Hospital (1987).
9. Development of "Cardioscint": A portable detector/computer system for continuous monitoring of cardiac function (1988).
10. Development of myocardial perfusion using novel ^{99m}Tc diphosphine agents (tetrafosmin) pre-clinical phase 1 trials. (1988).
11. Development of Carvedilol in heart failure (1985-present)
12. Development of techniques for simultaneous ambulatory pulmonary artery pressure, intra-arterial blood pressure and ST-segment monitoring (1989).
13. Founder member and Co-chairman of The Society of the International Congress of Nuclear Cardiology.(ICNC).
14. Development of Echocardiography services at Northwick Park Hospital (1992)
15. Educational Courses for GP's and Specialists
16. Organisation of Cardiac Research at NPH (1985 to 2004)
17. Administration of NPH Cardiac Research Fund (Charity) (1995 to 2004)
18. Fund Raising: Directly involved in raising approximately £8 million (since 1982) for NPH/CRF

	1997	1998	1999	2000
Income	£641,093	£652,989	£699,446	£467,000
Expenditure	£476,828	£490,932	£533,564	£579,000
Number of Studies Funded	15	16	14	14
Number of Employees	13 (6 doctors)	13 (6 doctors)	17 (9 doctors)	16 (8 doctors)

TEACHING

1. I.T.U./C.C.U. staff.
2. M.R.C.P. students.
3. Nuclear Medicine Msc. Students.
4. Nursing staff.
5. Postgraduate lectures.
6. Supervising research projects for MD and Phd
7. Grand Rounds
8. Medical Students

SUPERVISOR FOR MD AND Ph.D. THESIS

1. DETECTION OF HIGH RISK CORONARY ARTERY DISEASE BY THALLIUM-201 IMAGING.
M O' Hara
MD Thesis. Dublin (1986).
2. NON-INVASIVE RISK STRATIFICATION AFTER MYOCARDIAL INFARCTION
I Al-Khawaja
Phd Thesis. University of Surrey (1989)
3. CORONARY ARTERY DISEASE IN PATIENTS WITH PERIPHERAL VASCULAR DISEASE
E L Rose
MD Thesis. University of Oxford (1991)
4. AMBULATORY HAEMODYNAMIC MONITORING IN CORONARY ARTERY DISEASE
G S Brigden
MD Thesis. University of London (1992)
5. CONTINUOUS MONITORING OF LEFT VENTRICULAR FUNCTION AND THE ST-SEGMENT USING THE CARDIOSCINT
P Broadhurst
MD Thesis. University of Dundee (1992)
6. EVALUATION OF Tc-99m TETROFOSMIN IMAGING IN PATIENTS WITH CORONARY HEART DISEASE
B S Sridhara
Phd Thesis. University of Surrey (1994)
7. AMBULATORY BLOOD PRESSURE: PROGNOSTIC VALUE AND LONG-TERM ASSOCIATION WITH LEFT VENTRICULAR AND CAROTID ARTERY STRUCTURE
R S Khattar
MD Thesis. Southampton University (2000)
8. A COMPARISON OF THE EXTENT AND SEVERITY OF VASODILATOR STRESS-INDUCED MYOCARDIAL PERFUSION ABNORMALITY WITH Tc-99m SESTAMIBI and Tc-99m TETROFOSMIN SPECT IMAGING
P Soman
PhD Thesis. University of Surrey (2000)
9. J Swinburn
MD Thesis
10. G Galasko
MD Thesis

11. VASCULAR CALCIFICATION IN TYPE 2 DIABETES: EXPERIMENTAL CORRELATES AND RELATIONSHIP TO CLINICAL CARDIOVASCULAR DISEASE
V Anand
PhD Thesis University of London (2006)
12. Randomised, prospective study of exercise testing and stress myocardial perfusion SPECT for risk stratification and economic evaluation in a chest pain clinic setting
N Sabharwal,
DM Thesis, University of Oxford (2006)
12. P Jain
MD Thesis, Imperial College, London (2011)

MEMBERSHIP OF SOCIETIES

1. British Cardiac Society
2. American College Of Cardiology
3. European Society of Cardiology: Committee Member of Working Groups-
Nuclear Cardiology
Echocardiography
Cardiac MRI
Heart Failure
Drugs and Therapeutics
4. American Heart Association (Council Member: Clinical Cardiology and Cardiovascular Radiology)
5. American Society of Nuclear Cardiology (Founder Member & Committee Member)
7. British Heart Failure Society (Founder member)
8. European Association of Nuclear Medicine
9. International Society of Holter Monitoring (Founder Member)
10. British Nuclear Cardiology Society (Founder Member)
11. International Congress of Nuclear Cardiology (Co-Chairman and Founder)
12. Hampstead Medical Society
13. Independent Doctors Forum
14. British Museum Society

EDITOR

Clinical Focus – 1997-1999

EDITORIAL BOARD

Journal of Nuclear Cardiology
Clinical Drug Investigation
The Journal of Heart Failure
The Open Cardiovascular Imaging Journal

JOURNAL REVIEW BOARD

1. American Journal of Cardiology
2. Journal of the American College of Cardiology
3. Circulation
4. Heart
5. European Journal of Cardiology
6. Journal of Nuclear Cardiology
7. Journal of Nuclear Medicine
8. European Journal of Nuclear Medicine
9. Nuclear Medicine Communications
10. Journal of Non-invasive Cardiology

EXAMINER

MD and PhD: UK

PhD: Sweden

PhD: Scintigraphic assessment fo cardiovascular diseases in asymptomatic diabetic black patients; Unviersity of Witwatersrand, South Africa December 2010

MSc: Doxorubicin induced changes in left ventricular function
University of New South Wales, Sydney, Australia. March 2011

GRANTS

Current:

Medical Research Council Grant for 3 years
Title: Biomarker Research on endothelin family peptides in relation to coronary heart disease
(Via Professor Roger Corder, William Harvey Research Institute)

British Heart Foundation Grant
Title: The Psychophysiology of Coronary Heart Disease (Whitehall Trial)

BHF No: RG/ 05/006

Previous

British Heart Foundation Grant:

Title: Viability and Remodelling After Acute Myocardial Infarction Assessed by Magnetic Resonance

BHF No: FS/2000070

PUBLICATIONS (1)

Peer Reviewed Publications

1. Lahiri A, Raftery EB, Wilkins R, Millar Craig MW.
Correlation of coronary arteriography, left ventricular angiography and graded treadmill exercise testing in the diagnosis of left ventricular aneurysm.
Annals of Radiology 1979; 22: 4, 261
2. Lahiri A, Bala Subramanian V, Millar Craig MW, Crawley J, Raftery EB.
Sudden death during ambulatory monitoring.
British Medical Journal 1979; 1: 1676-1678
3. Lahiri A, Bala Subramanian V, Millar Craig MW, Crawley J, Raftery EB.
Exercise induced ST-segment elevation - electrocardiographic, angiographic and scintigraphic evaluation.
British Heart Journal 1980; 43: 582-588
4. Lahiri A, Bala Subramanian V, Millar Craig MW, Crawley J, Raftery EB.
Exercise induced ST segment elevation in variant angina.
American Journal of Cardiology 1980; 45: 4, 887-894
5. Bala Subramanian V, Lahiri A, Green HL, Stott FD, Raftery EB.
Ambulatory ST-segment monitoring - problems, pitfalls, solutions and clinical applications.
British Heart Journal 1980; 44: 4, 419-425
6. Lahiri A, Bala Subramanian V, Millar Craig MW, Raftery EB.
Pain in the thenar eminence - a rare form of atypical angina.
British Medical Journal 1980; 281: 782
7. Bala Subramanian V, Lahiri A, Paramasivam R, Raftery EB.
Verapamil in chronic stable angina. A controlled study with computerised multistage treadmill exercise.
Lancet 1980; April: 841-844
8. Bala Subramanian V, Lahiri A, Paramasivan R, Raftery EB.
Verapamil in chronic stable angina: a controlled study with computerised multistage treadmill exercise.
Clinical and Investigative Medicine 1980; 3: 1-2, 111-118
9. Lahiri A, Bala Subramanian V, Raftery EB.
Lack of effect of disopyramide on chronic stable angina.
Journal of Cardiovascular Pharmacology 1981; 3: 215-216
10. Millar Craig MW, Mann S, Bala Subramanian V, Lahiri A, Raftery EB.
Continuous recording of intra-arterial blood pressure during graded bicycle ergometry and stair climbing in essential hypertension.
Biotelemetry Patient Monitoring 1981; 8: 33-46

11. Lahiri A, Bala Subramanian V, Raftery EB.
The effect of disopyramide on ventricular arrhythmias during treadmill exercise testing.
Asian Journal of Clinical Sciences 1981; Vol 2; No. 3
12. Shaw LMA, Lahiri A, Millar Craig MW.
Electrocardiographic changes following a cardiac stab wound.
Postgraduate Medical Journal 1981; 57: 120-122
13. Bala Subramanian V, Bowles MJ, Lahiri A, Davies AB, Raftery EB.
Long Term Antianginal Action Of Verapamil: An Objective Study.
American Journal Cardiology 1981; 48: 529-535
14. Lahiri A, Spencer J, Crawley JW, Raftery EB.
Pulmonary uptake of thallium-201 in acute pulmonary oedema.
British Journal of Radiology 1982; 55: 460-462
15. Lahiri A, Carboni GP, Crawley JCW, Raftery EB.
Reversible ischaemia of the right ventricle detected by exercise thallium-201 scintigraphy.
British Heart Journal 1982; 48: 260-264
16. Lahiri A, Sonecha TN, Raftery EB.
Vasodilators in heart failure.
British Medical Journal 1982; 284: 1788
17. Lahiri A, Crawley JCW, Sonecha TN, Raftery EB.
Acute and chronic effects of sustained action buccal nitroglycerin in severe congestive heart failure.
International Journal of Cardiology 1984; 5: 39-48
18. Lahiri A, Crawley JCW, Jones RI, Bowles MJ, Raftery EB.
A non-invasive technique for continuous monitoring of left ventricular function using a new solid state mercuric iodide radiation detector.
Clinical Science 1984; 66: 551-556
19. Lahiri A, O'Hara M, Bowles MJ, Crawley JCW, Raftery EB.
Influence of left ventricular function and severity of coronary artery disease on exercise-induced pulmonary thallium-201 uptake.
International Journal of Cardiology 1984; 5: 475-490
20. Lahiri A, Bowles MJ, Jones RI, Crawley JCW, Raftery EB.
Assessment Of Left Ventricular Function In Coronary Artery Disease With The Nuclear Probe During Intervention Studies.
British Heart Journal 1984; 52: 422-430
21. Prouse PJ, Lahiri A, Gumpel JM.
The crest syndrome. Successful reduction of pulmonary hypertension by captopril.
Post Graduate Medical Journal 1984; 60: 30-32

22. Lahiri A, Robinson C, Tovey J, Caruana M, Kohli R, Raftery EB. Intravenous infusion of nicardipine in patients with heart failure: a nuclear stethoscope assessment. *Postgraduate Medical Journal* 1984; 60: Suppl 4; 19-22
23. O'Hara MJ, Lahiri A, Whittington JR, Crawley JCW, Raftery EB. The detection of high risk coronary artery disease by thallium imaging. *British Heart Journal* 1985; 53: 616-623
24. Khurmi NS, Bowles MJ, O'Hara MJ, Lahiri A, Raftery EB. Ambulatory monitoring and exercise testing in the evaluation of a new long-acting calcium ion antagonist Kb-944 (Fostedil) for the treatment of exertional angina. *International Journal of Cardiology* 1985; 9: 289-302
25. Kohli RS, Khurmi NS, Kardash MM, Hughes LO, Lahiri A, Raftery EB. Efficacy of once daily bisoprolol in stable angina pectoris: an objective comparison with atenolol and long term follow-up. *European Heart Journal* 1985; 6: 845-850
26. Lahiri A, Robinson CW, Kohli RS, Caruana MJ. Acute and chronic effects of nicardipine on systolic and diastolic left ventricular performance in patients with heart failure: a pilot study. *Clinical Cardiology* 1986; 9: 257-261
27. O'Hara M, Jones RI, Lahiri A, Raftery EB. Changes in left ventricular function during exercise and their relationship to ST segment changes in patients with angina. *British Heart Journal* 1986; 55: 148-154
28. Jones RI, Lahiri A, Cashman PMM, Dore C, Raftery EB. Left ventricular function during isometric hand grip and cold stress in normal subjects. *British Heart Journal* 1986; 55: 246-52
29. Lahiri A, Zanelli GD, O'Hara MJ, Bowles MJ, Jones RI, Cave APD, Raftery EB. Simultaneous measurement of left ventricular function and myocardial perfusion during a single exercise test: dual isotope imaging with gold-195m and thallium-201. *European Heart Journal* 1986; 7: 493-500
30. Caruana M, Jones R, Lahiri A, Brigden G, Rodrigues E, Dore C, Raftery EB. A comprehensive clinical validation of the nuclear stethoscope. *Nuclear Medicine Communications* 1986; 7: 717-728
31. Lahiri A, Carboni GP, Raftery EB. Rapid effects of sustained release buccal nitroglycerin in acute heart failure. *Annals of Internal Medicine* 1986; 105: 141
32. Transmucosal and transdermal nitroglycerin delivery systems for prevention of chronic stable angina pectoris. Khurmi NS, O'Hara MJ, Bowles MJ, Whittington JR, Lahiri A, Raftery EB. *British Journal of Clinical Practice* 1986; May: 187-191

33. Rodrigues EA, Lahiri A, Hughes LO, Kohli RS, Whittington JR, Raftery EB.
Anti-anginal efficiency of carvedilol, a betablocker with vasodilating activity.
American Journal of Cardiology 1986; 58: 916-921
34. Kohli RS, Rodrigues EA, Khurmi NS, Lahiri A, Raftery EB.
Sustained release verapamil - a once-daily preparation. Objective evaluation using
exercise testing, ambulatory monitoring and blood levels in patients with stable angina.
Journal of American College of Cardiology 1987; 9: 615-621
35. Heber ME, Brigden GS, Caruana MP, Lahiri A, Raftery EB.
Carvedilol for systemic hypertension.
American Journal of Cardiology 1987; 59: 400-405
36. Hughes LO, Lahiri A.
Improvement in indices of myocardial ischaemia in a case of hypertrophic obstructive
cardiomyopathy treated with verapamil.
Nuclear Medicine Communications 1987; 8: 177-182
37. Hains ADB, Al-Khawaja I, Hinge DA, Lahiri A, Raftery EB.
Radionuclide left ventricular ejection fraction: a comparison of three methods.
British Heart Journal 1987; 57: 242-246
38. Rodrigues EA, Lahiri A, Hinge DA, Smith T, Crawley JCW, Raftery EB.
A new method of imaging the right ventricle using peripheral vein infusion of xenon-127.
European Journal of Nuclear Medicine 1987; 12: 617-619
39. Lahiri A, Rodrigues EA, Al-Khawaja I, Raftery EB.
Effects of a new vasodilating beta-blocker (carvedilol) on left ventricular function in
stable angina pectoris.
American Journal of Cardiology 1987; 59: 769-774
40. Rodrigues EA, Lahiri A, Raftery EB.
Improvement in left ventricular diastolic function in patients with stable angina after
chronic treatment with verapamil and nifedipine.
European Heart Journal 1987; 8: 624-629
41. Carboni GP, Lahiri A, Cashman PMM, Raftery EB.
Ambulatory heart rate and ST-segment depression during painful and silent myocardial
ischaemia in chronic stable angina.
American Journal of Cardiology 1987; 59: 1029-1034
42. Zanelli GD, Lahiri A, Patel N, Smith T, Brady F, Radfar G, Cook ND, Crawley JCW,
Silvester DJ.
Animal and human studies of a new ^{99m}Tc labelled phosphine - isocyanide complex with
possible applications to radionuclide ventriculography.
European Journal of Nuclear Medicine 1987; 13: 12-17
43. Brigden G, Heber ME, Caruana MP, Lahiri A, Raftery EB.
The efficacy of celiprolol in hypertension: twenty four hour blood pressure profiles and
left ventricular function.
Journal of Hypertension 1987; 5 (suppl 5): S539-S541

44. Carboni GP, Lahiri A, Cashman PMM, Raftery EB.
Mechanisms of arrhythmias accompanying ST-segment depression on ambulatory monitoring in stable angina.
American Journal of Cardiology 1987; 60: 1246-1253
45. Caruana M, Al-Khawaja I, Lahiri A, Lewis J, Raftery EB.
Radionuclide measurements of diastolic function for assessing early left ventricular abnormalities in the hypertensive patient.
British Heart Journal 1988; 59: 218-226
46. Rodrigues EA, Kohli RS, Hains ADB, Lahiri A, Raftery EB.
Comparison of nicardipine and verapamil in the management of chronic stable angina.
International J Cardiology 1988; 18: 357-369
47. Heber ME, Brigden GS, Prince H, Lahiri A, Raftery EB.
Is there a relationship between ambulatory intra-arterial blood pressure and left ventricular function?
Hypertension 1988; 5: 464-469
48. Kohli RS, Cashman PMM, Lahiri A, Raftery EB.
The ST-segment of the ambulatory electrocardiogram in a normal population.
British Heart Journal 1988; 60: 4-16
49. Rodrigues EA, Lawrence JD, Dasgupta P, Haind ABD, Lahiri A, Wilkinson P, Raftery EB.
Comparison of bevantolol and atenolol in chronic stable angina.
American Journal of Cardiology 1988; 61: 1204-1209
50. Al-Khawaja IM, Lahiri A, Raftery EB.
Measurement of absolute left ventricular volume by radionuclide angiography: a technical review.
Nuclear Medicine Communications 1988; 9: 495-504
51. Zanelli GD, Cook N, Lahiri A, Ellison D, Webbon P, Woolley G.
Protein binding studies of technetium-99m-labelled phosphine and isocyanide cationic complexes.
Journal of Nuclear Medicine 1988; 29: 62-67
52. Caruana MP, Lahiri A, Cashman PMM, Altman D, Raftery EB.
Effects of chronic congestive heart failure secondary to coronary artery disease on the circadian rhythm of blood pressure and heart rate.
American Journal of Cardiology 1988; 62: 755-759
53. Al-Khawaja IM, Lahiri A, Rodrigues EA, Heber ME, Raftery EB.
Clinical significance of exercise-induced pulmonary uptake of thallium-201 in uncomplicated myocardial infarction.
American Journal of Cardiac Imaging 1988; 2: 135-141

54. Jain D, Lahiri A, Crawley JCW, Raftery EB.
Post-mortem correlation between histopathologic and autoradiographic extent of myocardial necrosis detected by In-111-antimyosin imaging in a patient with acute myocardial infarction.
American Journal of Cardiac Imaging 1988; 2:158-161
55. Kohli RS, Khurmi NS, Kardash MM, Lahiri A, Raftery EB.
Oral nitroglycerin in angina pectoris - evaluation of effect of computerised exercise testing using two different doses.
Cardiovascular Drugs and Therapy 1988; 2: 523-528
56. Heber M, Brigden GS, Caruana MP, Lahiri A, Raftery EB.
First dose response and 24 hour antihypertensive efficacy of the new once daily angiotensin converting enzyme inhibitor, ramipril.
American Journal of Cardiology 1988; 62: 239-245
57. Al-Khawaja IM, Rodrigues EA, Lahiri A, Raftery EB.
Exercise-induced changes in pulmonary blood volume in patients with uncomplicated myocardial infarction: a critical appraisal.
American Journal of Non-invasive Cardiology 1989; 2: 189-194
58. Rodrigues EA, Lahiri A, Hinge DA, Raftery EB.
Left ventricular diastolic function in patients with chronic stable angina: comparison with normal subjects.
American Journal of Non-invasive Cardiology 1989; 2: 244-254
59. Jain D, Lahiri A, Crawley JCW, Raftery EB.
New developments in the field of acute myocardial infarction imaging.
British Journal Radiology 1989, 62: 294-295
60. Hughes LO, Heber ME, Lahiri A, Harries M, Raftery EB.
Haemodynamic advantage of the valsalva manoeuvre during heavy resistance training.
European Heart Journal 1989; 10: 896-902
61. Hughes LO, Dasgupta P, Jain D, Lahiri A, Raftery EB.
Lack of effect of asymmetrical dosage timing of isosorbide 5-mononitrate on nitrate tolerance during term administration.
European Journal of Clinical Pharmacology 1989; 36: 139-144
62. Hughes LO, Lahiri A, Raftery EB.
Myocardial perfusion with isolated t-wave normalization on exercise following myocardial infarction.
American Journal of Cardiac Imaging 1989; 3: 124-129
63. Lahiri A, Bowles MB, Brigden G, Whittington JR, Duffy SW, Raftery EB.
Buccal nitroglycerin and intravenous isosorbide dinitrate in unstable angina: a double blind of acute administration.
American Journal of Non-Invasive Cardiology 1989; 3: 281-289

64. Rodrigues EA, Caruana MP, Lahiri A, Nabarro JD, Jacobs HS, Raftery EB.
Subclinical cardiac dysfunction in acromegaly: evidence for a specific heart muscle disease.
British Heart Journal 1989; 62: 185-194
65. Heber ME, Rodrigues EA, Al-Khawaja I, Lahiri A, Raftery EB.
Diagnostic limitation of exercise gated radionuclide ventriculography in coronary artery disease.
American Journal of Cardiac Imaging 1989; 3: 308-313
66. Heber ME, Lahiri A, Thompson D, Raftery EB.
Baroreceptor, not left ventricular, dysfunction is the cause of haemodialysis hypotension.
Clinical Nephrology 1989; 32: 79-86
67. Broadhurst P, Wilkins R, Lahiri A.
Fibrin monoclonal antibodies in diagnosis of deep venous thrombosis.
The Lancet 1989; July 29: 272-273
68. Brigden G, Heber M, Caruana M, Lahiri A, Raftery EB.
Once daily nisoldipine in hypertension: cuff and ambulatory intra-arterial blood pressure.
European Journal of Pharmacology 1989; 37: 551-554
69. Khurmi NS, Kohli RS, Lahiri A, Raftery EB.
Oral nitroglycerin in chronic stable angina: a double-blind evaluation.
American Journal of Noninvasive Cardiology 1989; 3: 176-180
70. Jain D, Lahiri A, Raftery EB.
Clinical and prognostic significance of lung thallium uptake in acute myocardial infarction.
American Journal of Cardiology 1990; 65: 154-159
71. Lahiri A, Rodrigues EA, Carboni GP, Raftery EB.
Effects of chronic treatment with calcium antagonists on left ventricular diastolic function in stable angina and heart failure.
Circulation 1990; 81: Suppl III; 130-138
72. Jain D, Dasgupta P, Hughes LO, Lahiri A, Raftery EB.
Ranolazine (RS-43285): a preliminary study of a new antianginal agent with selective effect on ischaemic myocardium.
European Journal of Clinical Pharmacology 1990; 30: 111-114
73. Brigden GS, Zanelli GD, Lahiri A, Raftery EB.
Blood pool ventriculography with a new technetium labelled complex (^{99m}Tc Depic): a clinical evaluation.
European Journal of Nuclear Medicine 1990; 16: 795-799
74. Jain D, Crawley JCW, Lahiri A, Raftery EB.
Indium-111 antimyosin images compared with triphenyl tetrazolium chloride staining in a patient 6 days after myocardial infarction.
Journal of Nuclear Medicine 1990; 31: 231-233

75. Jain D, Lahiri A, Raftery EB.
Immunoscintigraphy for detecting acute myocardial infarction without electrocardiographic changes.
British Medical Journal 1990; 300: 151-153
76. Broadhurst P, Brigden G, Dasgupta P, Lahiri A, Raftery EB.
Ambulatory blood pressure in normal subjects.
American Heart Journal 1990; 120: 160-166
77. Rodrigues EA, Lahiri A, Raftery EB.
Subtle ventricular dysfunction following coronary artery bypass surgery: evidence from radionuclide studies.
Nuclear Medicine Communications 1990; 11: 481-490
78. Broadhurst P, Brigden G, Heber M, Lahiri A, Raftery EB.
Twenty-four hour ambulatory blood pressure profile of a new, sustained release preparation of nicardipine.
Cardiovascular Drugs and Therapy 1990; 4: 435-438
79. Zhang Z, Liu XJ, Liu YZ, Liu P, Crawley JCW, Lahiri A.
Assessment of right ventricular function with non-imaging first pass ventriculography and comparison of results with gamma camera studies
Nuclear Medicine Communications 1990; 11:539-545
80. Hughes LO, Rose EL, Lahiri A, Raftery EB.
Comparison of nicorandil and atenolol in stable angina pectoris.
American Journal of Cardiology 1990; 66: 679-682
81. Dasgupta P, Broadhurst P, Raftery EB, Lahiri A.
Value of carvedilol congestive heart failure secondary to coronary heart disease.
American Journal of Cardiology 1990; 66: 1118-1123
82. Carboni GP, Lahiri A, Cashman PMM, Raftery EB.
Circadian variation of silent myocardial ischaemia during daily life in patients with a fixed effort angina threshold.
Journal of Ambulatory Monitoring 1990; 3: 95-104
83. Liu XJ, Jain D, Senior R, Broadhurst P, Lahiri A.
Indium-III antimyosin antibody imaging for detection of myocardial infarction: a quantitative approach.
Nuclear Medical Communications 1990; 11: 667-675
84. Liu XJ, Wang XB, Lahiri A.
Technetium-99m-cpi
Drugs of the Future 1990; 15: 883-886
85. Jain D, Lahiri A, Raftery EB.
Lung thallium uptake on stress - Redistribution and rest imaging
American Journal of Cardiac Imaging 1990; 4: 303-308

86. Bhattacharya S, Lahiri A.
Clinical Role Of In-111-Antimyosin Imaging
European Journal of Nuclear Medicine 1991; 18: 889-895
87. Broadhurst P, Cashman PMM, Crawley JCW, Raftery EB, Lahiri A.
Clinical validation of a miniature nuclear probe system for continuous on-line monitoring of cardiac function and ST-segment
Journal of Nuclear Medicine 1991; 32:37-43
88. Senior R, Weston J, Bhattacharya S, Crawley JCW, Liu XJ, Lahiri A.
Specific binding of Tc-99m antimyosin to necrotic human myocardium:clinical pathological correlates.
American Heart Journal 1991; 122: 857-859
89. Broadhurst P, Brigden G, Hittel N, Lahiri A, Raftery EB.
Prolonged hypotensive effect of OPC-13340: a new, once-daily calcium channel blocking drug.
European Heart Journal 1991; 12: 434-438
90. Bhattacharya S, Liu XJ, Senior R, Jain D, Leppo JA, Lahiri A.
In-III antimyosin antibody uptake is related to the age of myocardial infarction.
American Heart Journal 1991; 122: 1583-1587
91. Kohli RS, Cashman PMM, Lahiri A, Raftery EB.
Validation of ambulatory ECG monitoring data by simultaneous exercise testing.
Journal of Myocardial Ischaemia 1991; 3: 2; 28-38
92. Dasgupta P, Broadhurst P, Lahiri A.
The effects of intravenous carvedilol, a new multiple action vasodilatory beta-blocker in congestive heart failure.
Journal of Cardiovascular Pharmacology 1991; 18 (Suppl 4): S12-S16
93. Dasgupta P, Brigden G, Ramhamdany E, Lahiri A, Baird IM, Raftery EB.
Circadian variation and blood pressure response to rapid weight loss by hypocaloric hyponatraemic diet in obesity.
Journal of Hypertension 1991; 9: 441-447
94. Lahiri A, Crawley J.
Nuclear probes in cardiology.
Journal of Nuclear Medicine 1992; 33(3): 448-449
95. Senior R, Muller-Beckman B, dasgupta P, Van der Does R, Lahiri A.
Effects of carvedilol on ventricular arrhythmias.
Journal of Cardiovascular Pharmacology 1992; Vol 19: (Suppl 1), S117-S121
96. Broadhurst P, Liu XJ, Cashman PMM, Raftery EB, Lahiri A.
Spontaneous variability of left ventricular ejection fraction assessed with the cardioscint.
Nuclear Medicine Communications 1992; 13: 5, 312-320

97. Dasgupta P, Lahiri A.
Can intravenous blockade predict long-term haemodynamic benefit in chronic congestive heart failure secondary to ischemic heart disease? A comparison of intravenous with oral carvedilol.
Journal of Cardiovascular Pharmacology 1992; Vol 19 (Suppl 1), S62-S67
98. Bhattacharya S, Senior R, Liu XJ, Jain D, Lahiri A.
Quantitative In-III antimyosin antibody imaging to predict the age of myocardial infarction.
International Journal of Cardiac Imaging 1992; 8: 103-107
99. Dasgupta P, Ramhamdany E, Brigden G, Lahiri A, Mclean Baird I, Raftery EB.
Improvement in left ventricular function after rapid weight loss in obesity.
European Heart Journal 1992; 13: 1060-1066
100. Harrison P, Wilbourn B, Cramer E, Faint R, Mackie IJ, Bhattacharya S, Lahiri A, Tenza D, Machin SJ, Savidge GF.
The influence of therapeutic blocking of GP IIB/IIIa on platelet (-granular fibrinogen).
British Journal of Haematology 1992; 82: 721-728
101. Senior R, Cowell R, Thomas P, Raftery EB.
Right atrial thrombus migration during echocardiography: a case for urgent intervention.
European Heart Journal 1992; 13: 1724-1725.
102. DasGupta P, Jain D, Lahiri A, Raftery EB
Long term efficacy and safety of carvedilol, a new (-blocking agent with vasodilating properties, in patients with chronic Ischaemic heart disease.
Drug Invest 1992; 4(3):263-272
103. Raftery EB, Lahiri A, Hughes LO, Rose EL.
A double-blind comparison of a beta-blocker and a potassium channel opener in exercise induced angina
European Heart Journal 1993; 14 (Supplement B): 35-39
104. Senior R, Raftery EB.
Infection of left ventricular thrombus in a patient with silent myocardial infarction – a unique complication.
European Heart Journal 1993; 14: 997-998
105. Rose EL, Liu XJ, Henley M, Lewis JD, Raftery EB, Lahiri A, Raval U.
Prognostic value of non-invasive cardiac tests in the assessment of patients with peripheral vascular disease.
American Journal of Cardiology 1993; 71: 40-44
106. Higley B, Smith FW, Smith T, Gemmell HG, dasgupta P, Gvozdanovic DV, Graham D, Hinge D, Davidson J, Lahiri A.
Technetium-99m 1,2-Bis [Bis (2-Ethoxylethyl) Phosphino] ethane: human biodistribution, dosimetry and safety of a new myocardial perfusion imaging agent.
Journal of Nuclear Medicine 1993; 34: 1; 30-38

107. Rose EL, Lahiri A, Raftery EB.
Anti-anginal efficacy of sustained release gallopamil.
Drug Investigation 1993; 5 (4): 212-221
108. Senior R, Bhattacharya S, Manspeaker P, Liu XJ, Leppo J, Lahiri A.
^{99m}Tc-antimyosin antibody imaging for the detection of acute myocardial infarction in man.
American Heart Journal, 126: 3; 536-542, (1993).
109. Sridhara BS, Braat S, Rigo P, Itti R, Cload P, Lahiri A.
Comparison of myocardial perfusion imaging with ^{99m}Tc-tetrofosmin versus ²⁰¹Tl in coronary artery disease.
American Journal of Cardiology 1993; 72: 1015-1019
110. Senior R, Buchner-Moell D, Raftery EB, Lahiri A.
Potent haemodynamic effects of bimakalim, a new potassium channel opener in humans.
Journal of Cardiovascular Pharmacology 1993; 22: 717-721
111. Sridhara BS, Bhattacharya S, Liu XJ, Broadhurst P, Lahiri A.
Rate and change of left ventricular ejection fraction during exercise is superior to the peak ejection fraction for predicting functionally significant coronary artery disease.
British Heart Journal 1993; 70: 507-512
112. Senior R, Imbs JL, Bory M, Amabile G, Denis B, Zannad F, De Luca N, Marchegiano R, Lahiri A, Raftery EB, Guez D, Chic M.
Indapamide reduces hypertensive left ventricular hypertrophy: an international multicenter study.
Journal of Cardiovascular Pharmacology 1993; 22: S106-S110
113. Northridge DB, Rose E, Raftery EB, Lahiri A, Elder AT, Shaw TRD, Henderson E, Dargie HJ.
A multicentre double-blind placebo-controlled trial of quinapril in mild, chronic heart failure.
European Heart Journal 1993; 14: 404-409
114. Dudzic EM, Sridhara BS, Lahiri A.
Reverse redistribution: Fact or fiction?
European Journal of Nuclear Medicine 1994; 21; 449-453
115. Sridhara B, Sochor H, Rigo P, Braat S, Itti R, Martinez-Duncker D, Cload P, Lahiri A.
Myocardial SPECT imaging with technetium-99m tetrofosmin: stress-rest imaging using same day and separate day rest imaging.
Journal of Nuclear Cardiology 1994; 1: 138-43
116. Acharya DU, Senior R, Basu S, Harrison F, Galiano A, Lahiri A.
Anti-ischaemic and hemodynamic effects of elgodipine, a potent new generation of calcium antagonist, in chronic stable angina.
European Heart Journal 1994; 15; 665-671

117. Sridhara BS, Thomas P, Lahiri A, Raftery EB.
Anti-hypertensive efficacy of twice daily controlled release diltiazem using 24 hour intra-arterial blood pressure monitoring.
European Journal of Clinical Pharmacology 1994; 46; 5: 427-430
118. Rigo P, Leclercq B, Itti R, Lahiri A, Braat S.
Technetium-99m-tetrofosmin myocardial imaging: a comparison with thallium-201 and angiography.
Journal of Nuclear Medicine 1994; 35: 587-593
119. Senior R, Sridhara BS, Anagnostou E, Handler C, Raftery EB, Lahiri A, Raval U.
Synergistic value of simultaneous stress dobutamine sestamibi SPECT and echocardiography in the detection of coronary artery disease.
American Heart Journal, 1994; 128: 713-718
120. Senior R, Sridhara BS, Basu S, Henley M, Handler CE, Raftery EB, Lahiri A
Comparison of radionuclide ventriculography and 2D echocardiography for the measurement of left ventricular ejection fraction following acute myocardial infarction.
European Heart Journal 1994; 15: 1235-1239
121. Senior R, Sridhara BS, Bhattacharya S, Raftery EB, Lahiri A.
Doppler left ventricular filling characteristics in hypertensive left ventricular hypertrophy.
American Journal of Non-Invasive Cardiology 1994; 8: 2, 68-72
122. Sridhara BS, Dudzic E, Basu S, Senior R, Lahiri A.
Reverse redistribution of thallium-201 represents a low-risk finding in thrombolysed patients following myocardial infarction.
European Journal of Nuclear Medicine 1994; 21: 10, 1094-1097
123. Hendel RC, Parker MA, Wackers fjth, Rigo P, Lahiri A, Zaret BL.
Reduced variability of interpretation and improved image quality with a technetium-99m myocardial perfusion agent: comparison of thallium-201 and technetium-99m-labeled tetrofosmin.
Journal of Nuclear Cardiology 1994; 1: 509-514
124. Braat SH, Leclercq B, Itti R, Lahiri A, Sridhara B, Rigo P.
Myocardial imaging with technetium-99m-tetrofosmin: comparison of one-day and two-day protocols.
Journal of Nuclear Medicine 1994; 35: 1586-1592
125. Zaret BL, Rigo P, Wackers FJT, Hendel RC, Braat SH, Iskandrian AS, Sridhara BS, Jain D, Itti R, Serafini AN, Goris ML, Lahiri A and the Tetrofosmin International Trial Study Group.
Myocardial perfusion with technetium-99m tetrofosmin comparison to thallium-201 imaging and coronary angiography in a phase III multicenter trial.
Circulation 1995; 91: 313-319

126. Cutler NR, Anders RJ, Stanford SJ, Sramek JJ, Najam AA, Bultas J, Lahiri A, Worozylska .
Placebo-controlled evaluation of three doses of a controlled-onset, extended-release
formulation of verapamil in the treatment of stable angina pectoris.
American Journal of Cardiology 1995; 75: 1102-1106
127. Senior R, Glenville, Sridhara BS, Basu S, Stanbridge R, Handler CE, Raftery EB, Lahiri A.
Dobutamine echocardiography and thallium-201 imaging predicts functional improvement
following revascularisation in severe ischaemic left ventricular dysfunction.
British Heart Journal 1995; 74: 358-364
128. Senior A, Lahiri A
Enhanced detection of myocardial ischaemia in patients with wall motion abnormality by
utilising the "biphasic" response of stress dobutamine during serial echocardiography.
Journal of American College of Cardiology 1995; 26: 26-36
129. Senior R, Raval U, Lahiri A.
Tc-99m-labelled sestamibi imaging reliably identifies retained contractile reserve in
dysynergic myocardial segments.
Journal of Nuclear Cardiology 1995; 2: 296-302
130. Bhattacharya S, Jordan R, Machin S, Senior R, Machie I, Smith C, Schiabile T, Weisman
H, Lahiri A.
Blockade of the human platelet GPIIb/IIIa receptor by a murine monoclonal antibody Fab
Fragment (7E3): potent dose-dependent inhibition of platelet function.
Cardiovascular Drugs Thera 1995; 9: 665-675
131. Lahiri A
Editing may ruin an obituary (Letter)
British Medical Journal, 1996; 312: 979
132. Senior R, Basu S, Handler C, Raftery EB, Lahiri A.
Diagnostic accuracy of stress echocardiography for detection of coronary artery disease in
hypertensive patients.
European Heart Journal 1996; 17: 289-295
133. Lahiri A.
Neurohumoral mechanisms in congestive heart failure and the role of drugs with
multiple actions: a review of carvedilol.
American Journal of Therapeutics 1996; 3: 237-247
134. Basu S, Armstrong D, Kinsey C, Raftery EB, Lahiri A
Validation and clinical utility of Hertcard- new device for ambulatory ST-Segment
documentation
Journal of Ambulatory Monitoring 1996; 9: 2, 141-148
135. Benoit T, Vivegnis D, Lahiri A, Itti R, Braat S, Rigo P.
Tomographic myocardial imaging with technetium-99m tetrofosmin: comparison to
tetrofosmin and thallium planar imaging and with angiography.
European Heart Journal 1996; 17: 635-642

136. Sridhara BS, Senior R, Anagnostou E, De la Motte S, Harrison FJJ, Raftery EB, Lahiri A. Saterinone: a new dual action drug in the acute management of chronic heart failure
American Journal of Therapeutics 1996; 3: 597-601
137. Khattar RS, Basu SK, Raval U, Senior R, Lahiri A
Prognostic value of pre-discharge exercise testing, ejection fraction and ventricular ectopic activity in acute myocardial infarction treated with streptokinase
American Journal of Cardiology 1996; 78: 136-141
138. Basu S, Senior R, Raftery EB, Lahiri A
The association between cardiac events and myocardial ischaemia following thrombolysis in acute myocardial infarction and the impact of Carvedilol
European Heart Journal 1996; 17 (Suppl F): 43-47
139. Thorniley MS, Lahiri A, Glenville B, Shurey C, Baker G, Raval U, Crawley J, Green CJ.
Non-invasive measurement of cardiac oxygenation and haemodynamics during transient episodes of porcine coronary artery occlusion and reperfusion
Clinical Science 1996; 91: 51-58
140. Senior R, Raval U, Lahiri A
Prognostic value of stress dobutamine technetium-99m sestamibi single-photon emission computed tomography (SPECT) in patients with suspected coronary artery disease
American Journal of Cardiology 1996; 78: 1092-1096
141. Basu S, Senior R, Dore C, Lahiri A
Value of thallium-201 imaging in detecting adverse cardiac events after myocardial infarction and thrombolysis: a follow-up of 100 consecutive patients
British Medical Journal 1996; 313: 844-848
142. Lahiri A
Development and clinical evaluation of Tc-99m tetrofosmin for myocardial perfusion imaging
The Quarterly Journal of Nuclear Medicine (1997)
143. Basu S, Senior R, Raval U, van der Does R, Bruckner T, Lahiri A
Beneficial effects of intravenous and oral carvedilol treatment in acute myocardial infarction: a placebo controlled, randomised trial
Circulation 1997; 96: 183-191
144. Khattar RS, Senior R, Joseph D, Lahiri A
Comparison of arbutamine stress Tc-99m sestamibi SPECT imaging and echocardiography for detecting the extent and severity of coronary artery disease and inducible ischemia
Journal of Nuclear Cardiology 1997; 4: 211-216
145. Senior R, Soman P, Khattar RS, Lahiri A.
Prognostic value of dobutamine stress echocardiography in patients undergoing diagnostic coronary arteriography.
American Journal of Cardiology 1997; 79: 1610-1614

146. Suleiman K, Desai D, Raval U, Senior R, Lahiri A.
The effect of training on the interpretation of Tc-99m sestamibi myocardial perfusion SPECT in patients with suspected coronary artery disease.
Nuclear Medicine Communications 1997; 18: 922-926
147. Kaul S, Senior R, Dittrich H, Raval U, Khattar R, Lahiri A.
Detection of coronary artery disease using myocardial contrast echocardiography: comparison with ^{99m}Tc-Sestamibi single photon emission computed tomography
Circulation 1997; 96: 785-792
148. Khattar RS, Hendel RC, Crawley JCW, Wackers FJ, Rigo P, Zaret BL, Sridhara BS, Lahiri A.
Improved diagnostic accuracy of planar imaging with Tc-99m tetrofosmin compared to thallium-201 for the detection of coronary artery disease
Journal of Nuclear Cardiology 1997; 4 (4): 291-7
149. Khattar RS, Senior R, Lahiri A.
Enhanced echocardiographic detection of myocardial ischaemia with inotropic stress compared to ergometric exercise
The Journal of Non-Invasive Cardiology 1997; 1 (No: IV): 10-15
150. Khattar RS, Senior R, Lahiri A.
Longitudinal association of ambulatory pulse pressure with left ventricular mass and vascular hypertrophy in essential hypertension.
Journal of Hypertension 1997; 15 (7): 737-743
151. Basu S, Senior R, Raval U, Lahiri A.
Superiority of nitrate-enhanced thallium-201 over conventional redistribution thallium-201 for prognostic evaluation after myocardial infarction
Circulation 1997; 96: 2932-2937
152. Lahiri A, Basu S (Letter)
Has thrombolytic therapy changed the equation for post-infarction risk stratification?
Lancet 1997;349 (9057):1028
153. International Joint Efficacy Comparison of Thrombolytics.
Randomised, double-blind comparison of reteplase double-bolus administration with streptokinase in acute myocardial infarction (INJECT): trial to investigate equivalence
Lancet 1997; 346; 329-336
154. Soman P, Khattar R, Senior R, Lahiri A.
Inotropic stress with arbutamine is superior to vasodilator stress with dipyridamole for the detection of reversible ischemia with Tc-99m sestamibi single photon emission computed tomography.
Journal of Nuclear Cardiology 1997;5:364-371
155. Lahiri A, Senior R
Evolving therapeutic concepts and imaging in ischaemic cardiomyopathy
Journal of Nuclear Cardiology 1998; 5: 598-608

156. Khattar RS, Senior R, Lahiri A.
Assessment of myocardial perfusion and contractile function by inotropic stress Tc-99m sestamibi SPECT imaging and echocardiography for the optimal detection of multivessel coronary artery disease
Heart 1998; 79: 274-280
157. Lahiri A, Senior R.
The link between ischaemia and heart failure in ischaemic cardiomyopathy.
CME Bulletin Cardiology 1998; 1: 4-7
158. Senior R, Basu S, Khattar R, Lahiri A.
Independent prognostic value of the extent and severity of systolic wall thickening abnormality at infarct site after thrombolytic therapy
American Heart Journal 1998; 135: 1093-1098
159. Senior R, Khattar R, Lahiri A.
Value of dobutamine stress echocardiography for the detection of multivessel coronary artery disease
American Journal of Cardiology 1998; 81: 298-301
160. Soman P, Khattar R, Lahiri A, Senior R.
Superiority of arbutamine over dipyridamole for the stress echocardiographic assessment of coronary artery disease and reversible ischaemia
The Journal of Non-Invasive Cardiology 1998; (Vol II): 24-30
161. Khattar RS, Senior R, Sardina M, Boyce M, Lahiri A.
Safety, tolerability and anti-ischaemic efficacy of ITF-296, a nitric oxide donor, in patients with chronic stable angina.
Journal of Cardiovascular Pharmacology 1998; 32: 295-9
162. Khattar RS, Senoir R, Swales JD, Lahiri A
Value of ambulatory intra-arterial blood pressure monitoring in the long-term prediction of left ventricular hypertrophy and carotid atherosclerosis in essential hypertension
Journal of Human Hypertension 1999; 13: 111-116
163. Smith T, Senior R, Raval, U, Dasgupta B, Lahiri A.
Biodistribution, radiation dosimetry and pharmacokinetics of ¹¹¹In-antimyosin in idiopathic inflammatory myopathies.
Journal of Nuclear Medicine 1999; 40 (3): 464-70
164. Soman P, Parson A, Lahiri N, Lahiri A
The prognostic value of a normal Tc-99m sestamibi SPECT study in suspected coronary artery disease
Journal of Nuclear Cardiology 1999; 6: 252-6
165. Senior R, Basu S, Kinsey C, Schaeffer S, Lahiri A
Carvedilol prevents remodelling in patients with left ventricular dysfunction after acute myocardial infarction
American Heart Journal 1999; 137: 646-52

166. Senior R, Soman P, Khattar RS, Lahiri A
Improved endocardial visualisation using second harmonic compared to fundamental two-dimensional echocardiographic imaging
American Heart Journal 1999; 138 (1 Pt 1): 163-168
167. Senior R, Kaul S, Lahiri A
Myocardial viability on echocardiography predicts long-term survival after revascularization in patients with ischemic congestive heart failure
Journal of American College of Cardiology 1999; 33: 1848-54
168. Van der Does R, Hauf-Zachariou U, Pfarr E, Holtbrugge W, Konig S, Griffiths M, Lahiri A
Comparison of safety and efficacy of carvedilol and metoprolol in stable angina pectoris
American Journal of Cardiology 1999; 83 (5):643-9
169. Soman P, Sulaiman K, Basu S, Senior R, Khattar RS, Lahiri A.
Prognostic significance of reverse redistribution of thallium-201 after myocardial infarction: a promise unfulfilled
The Journal of Noninvasive Cardiology 1999; 3: S2-S5
170. Khattar RS, Senior R, Lahiri A
White-coat hypertension versus sustained hypertension in Japan
Circulation 1999; 100(25): e157-158
171. Khattar RS, Swales JD, Banfield A, Dore C, Senior R, Lahiri A
Prediction of coronary and cerebrovascular morbidity and mortality by direct continuous ambulatory blood pressure monitoring in essential hypertension
Circulation 1999; 100: 1071-1076
172. Lahiri A, Senior R, Khattar R
The role of neurohormonal antagonists in hibernating myocardium
Journal of Cardiovascular Pharmacology 1999; 33 (Suppl 3): S9-S16
173. Senior R, Lahiri A
Dobutamine echocardiography predicts functional outcome after revascularisation in patients with dysfunctional myocardium irrespective of the perfusion pattern on resting thallium-201 imaging
Heart 1999; 82:668-673
174. Cleland JGF, Pennel D, Ray S, Murray G, MacFarlane P, Cowley A, Coats A, Lahiri A – The Christmas Study Steering Committee and Investigators.
The carvedilol hibernation reversible ischaemia trial: marker of success (CHRISTMAS)
European Journal of Heart Failure 1999; 1: 191-196
175. Lahiri A
The role of cardiac imaging in optimizing therapy in heart failure
Journal of Nuclear Cardiology 2000; 7(1):81-4
176. Senior R, Kaul S, Soman P, Lahiri A
Power doppler harmonic imaging: a feasibility study of a new technique for the assessment of myocardial perfusion
American Heart Journal 2000; 139(2 pt 1): 245-251

177. Khattar RS, Swales JD, Senior R, Lahiri A
Racial variation in cardiovascular morbidity and mortality in essential hypertension
Heart 2000; 83(3): 267-271
178. Basu SK, Kinsey CD, Miller AJ, Lahiri A
Improved efficacy and safety of controlled release diltiazem compared to nifedipine may be related to its negative chronotropic effect
American Journal of Therapeutics 2000; 7: 17-22
179. Swinburn J, Lahiri A
Can nuclear cardiology really help in the emergency departments of the 21st century?
Revista Portuguesa de Cardiologia 2000;19 (Suppl I): 47-52
180. Soman P, Lahiri A, Senior R
Safety of an intravenous second generation contrast agent in patients with severe left ventricular dysfunction
Heart 2000; 84 (6):634-5.
181. Galasko GIW, Lahiri A.
Nuclear cardiology to assess the effect of medical therapy
Quarterly Journal Nucl Med 2000;44 (Suppl 1 to No 1):103-5
182. Swinburn J, Lahiri A, Senior R
Tissue harmonic imaging: A new method for predicting left ventricular thrombosis
Journal of American Society of Echocardiography 2000;13(7):680-81
183. Bellenger NG, Burgess M, Ray SG, Coats A, Lahiri A, Cleland JGF, Pennell DJ
On behalf of the CHRISTMAS steering committee and investigators.
Comparison of left ventricular ejection fraction and volumes in heart failure by two-dimensional echocardiography, radionuclide ventriculography and cardiovascular magnetic resonance: are they interchangeable?
European Heart Journal 2000;21:1387-96
184. Soman P, Taillefer R, DePuey GE, Udelson JE, Lahiri A
Enhanced detection of reversible perfusion defects by Tc-99m SESTAMIBI compared to Tc-99m tetrofosmin during vasodilator stress SPECT imaging in mild to moderate coronary artery disease
Journal of American College of Cardiology 2001; 37(2): 458-62
185. Senior R, Lahiri A
Role of dobutamine echocardiography in detection of myocardial viability for predicting outcome after revascularization in ischemic cardiomyopathy.
Journal of American Society of Echocardiography 2001;14(3):240-248
186. Khattar RS, Senior R, Lahiri A
Prognostic value of direct continuous ambulatory blood pressure monitoring in essential hypertension.
Journal of Clinical Hypertension 2001; 3: 90-98

187. Swinburn JMA, Lahiri A, Senior R
Intravenous myocardial contrast echocardiography predicts recovery of dysynergic myocardium early after acute myocardial infarction.
Journal of American College of Cardiology 2001; 38: 19-25
188. Senior R, Lahiri A
Value of dobutamine echocardiography for the assessment of myocardial viability for revascularization
Congestive Cardiac Failure 2001; 7: 30-36
189. Galasko GIW, Basu S, Lahiri A, Senior R
A prospective comparison of echocardiographic wall motion score index and radionuclide ejection fraction in predicting outcome following acute myocardial infarction.
Heart 2001;86(3):271-6
190. Chugh SK, Diggpal K, Hutchinson T, McDonald CJ, Miller AJ, Lahiri A
A randomised, double-blind comparison of the efficacy and tolerability of once-daily modified release diltiazem capsules with once-daily amlodipine tablets in patients with stable angina
Journal of Cardiovascular Pharmacology 2001;38(3):356-64
191. Khattar RS, Senior R, Soman P, van der Does R, Lahiri A
Regression of left ventricular remodeling in chronic heart failure: comparative and combined effects of captopril and carvedilol
American Heart Journal 2001;142(4):703-13
192. Khattar RS, Swales JD, Dore C, Senior R, Lahiri A
Effect of aging on the prognostic significance of ambulatory systolic, diastolic and pulse pressure in essential hypertension
Circulation 2001;104(7):783-9
193. Krishnamani R, Salmasi AM, Lahiri A
Mechanism of transient exercise induced ST-segment elevation in non-Q wave lead: A scintigraphic correlation
Heart 2001; 87(1):8
194. Senior R, Lahiri A, Kaul S
Effect of revascularisation on left ventricular remodelling in patients with heart failure from severe chronic ischaemic left ventricular dysfunction
American Journal of Cardiology 2001;88(6):624-9
195. Allman KC, Lahiri A
I-123 MIBG scintigraphy in idiopathic dilated cardiomyopathy: Where next?
Journal of Nuclear of Cardiology 2002; 9: 127-30#
196. Senior R, Kaul S, Raval U, Lahiri A
Impact of revascularisation and myocardial viability determined by nitrate enhanced ^{99m}Tc Sestamibi and ²⁰¹Tl imaging on mortality and functional outcome in ischaemic cardiomyopathy
Journal of Nuclear of Cardiology 2002; 9(5):454-62

197. Swinburn JMA, Stubbs P, Soman P, Collinson P, Lahiri A, Senior R
Independent value of tissue harmonic echocardiography for risk stratification in patients with non-ST segment elevation acute chest pain
Journal of American Society Echocardiography 2002; 15(10):1031-7
198. Bellenger NG, Swinburn JMA, Rajappan K, Lahiri A, Senior R, Pennell DJ
Cardiac remodelling in the era of aggressive medical therapy: does it still exist?
International Journal of Cardiology 2002; 83: 217-225
199. Swinburn JMA, Stubbs P, Soman P, Collinson P, Raval U, Senior R, Lahiri A
Rapid assessment of patients with non-ST-segment elevation acute chest pain-troponins, inflammatory markers or perfusion imaging?
Journal of Nuclear Cardiology 2002; 9(5): 491-9
200. Soman P, Naidoo V, Lahiri A.
The detection of myocardial viability and its clinical implications.
Cardiovascular Journal of South Africa 2002; 13(2): 62-67
201. Soman P, Lahiri A, Senior R
Vasodilator stress induces infrequent wall thickening abnormalities compared to perfusion defects in mild to moderate coronary artery disease: implications for the choice of imaging modality with vasodilator stress
Echocardiography 2004; 21(4): 307-12
202. Sabharwal NK, Lahiri A
Do anti-anginal medications alter the diagnostic accuracy of myocardial perfusion imaging? The saga continues..... (Editorial)
Journal of Nuclear Cardiology 2003; 10: 433-435
203. Anand DV, Lipkin D, Lahiri A
Finding the age of the patient's heart..... (Editorial)
British Medical Journal 2003; 326(7398): 1045-6
204. Galasko GI, Lahiri A, Senior R
Portable echocardiography: an innovative tool in screening for cardiac abnormalities in the community
European Journal of Echocardiography 2003; 4(2): 119-27
205. Galasko GI, Lahiri A
The non-invasive assessment of hibernating myocardium in ischaemic cardiomyopathy - A myriad of techniques
European Journal of Heart Failure 2003; 5(3): 217-227
206. Cleland JG, Pennell DJ, Ray SG, Coats AJ, Macfarlane PQ, Murray GD, Mule JD, Vered Z, Lahiri A. Carvedilol hibernating reversible ischaemia trial: marker of success investigators
Myocardial viability as a determinant of the ejection fraction response to carvedilol in patients with heart failure (CHRISTMAS trial): randomized controlled trial
Lancet 2003; 362(9377): 14-21

207. Anand DV, Lipkin D, Raval U, Lahiri A
Myocardial perfusion imaging improves the risk stratification of asymptomatic patients with increased coronary artery calcium scores.
Journal of Nuclear Cardiology 2003; 24, 1049-1054
208. Anand DV, Lipkin D, Lahiri A
Myocardial perfusion imaging versus biochemical markers in acute coronary syndromes.
Nuclear Medicine Communications 2003; 24, 1049-1054
209. Moller JE, Dahlstrom U, Gotzsche O, Lahiri A, Skagen K, Andersen G and Egstrup K
Effects of losartan and captopril on left ventricular systolic and diastolic function after acute myocardial infarction: Results of the Optimal Trial in myocardial infarction with Angiotensim II (OPTIMAAL) echocardiographic substudy
American Heart Journal 2003; 147:494-501
210. Sabharwal NK and Lahiri A
Role of myocardial perfusion imaging for risk stratification in suspected or known coronary artery disease
Heart, 2003; 89: 1291-1297
211. Lim ETS, Lahiri A
Should we be screening for myocardial hibernation in heart failure?
Journal of Nuclear Cardiology 2004; 11: 114-117
212. Mahmarian John, Dwivedi G, Lahiri A
Role of nuclear cardiac imaging in myocardial infarction: Postinfarction risk stratification
Journal of Nuclear Cardiology 2004; 11: 186-209
213. Jeetley P, Sabharwal NK, Soman P, Kinsey C, Raval U, Bhonsle U, Lahiri A
Comparison between ^{99m}Tc N-NOET and ²⁰¹Tl in the assessemnt of patients with known or suspected coronary artery disease
Journal of Nuclear Cardiology 2004; 11(6):664-672
214. Anand DA, Lim E, Raval U, Lipkin D, Lahiri A
Prevalence of silent myocardial ischaemia in asymptomatic individuals with sub clinical atherosclerosis detected by Electron Beam Tomography
Journal of Nuclear Cardiology 2004; 11: 450-457
215. Bellenger N, Rajappan K, Rahman S, Lahiri A, Raval U, Webster J, Murray G, Coats A, Cleland J, Pennell D
Effects of Carvedilol on left ventricular remodelling in chronic stable heart failure: a cardiovascular magnetic resonance study
Heart 2004; Vol 90, 760-764
216. Galasko G, Basu S, Lahiri A and Senior R
Is echocardiography a valid tool to screen for left ventricular systolic dysfunction in chornic survivors of acute myocardial infarction? A comparison with radionuclide ventriculography
Heart 2004; 90: 1422-1426

217. Lahiri A, Anand V, Eric L
What is the best stress myocardial perfusion imaging protocol for risk stratification?
Journal of Nuclear Medicine & Molecular Imaging 2004; Vol 48: 39-43
218. Galasko G, Senior R, and Lahiri A
Ethnic differences in the prevalence and aetiology of left ventricular systolic dysfunction
in the community: the Harrow heart failure watch
Heart 2005; 91: 595-600
219. Anand V, Lim E, Lahiri A, Bax J J
The role of non-invasive imaging in risk stratification in asymptomatic diabetics.
European Heart Journal 2005; Aug 8 2005;doi.1093;1-8
220. Anagnostopoulos C, Davies G, Flint J, Harbinson M, Hilson A, Kelion A, Lahiri A, Lim E,
Prvulovich L, Sabharwal N, Tweddel A, Underwood R, Woldman S
Writing Group of the British Nuclear Cardiology Society, Setting up a Myocardial
Perfusion Service: Clinical and Business Aspects
Nuclear Medicine Communications 2005; 26(10):849-860
221. Antonopoulos A, Anand V, Lahiri A
Diabetes mellitus: Evaluation of patients with known or suspected coronary artery
disease and the role played by nuclear cardiology techniques.
Nuclear Medicine Communications 2005; 26(7):587-591
222. Galasko G, Lahiri A, Barnes SC, Collinson P, Senior R
What is the normal range for N-terminal pro-brain natriuretic peptide? How well does thi
normal range screen for cardiovascular disease?
European Heart Journal 2005; 26, 2269-2276
223. Lahiri A, Lim E, Anand V
Diabetes: the looming economic disaster
The Contemporary Manager 2005; 10 (2), 1-3
224. Anand V, Lim E, Hopkins D, Corder R, Lipkin D, Lahiri A
The relationship between plasma osteoprotegerin levels and coronary artery calcification
in complicated type 2 diabetic subjects.
Journal of American College of Cardiology 2006; 47; 9,1850-57
225. Anand V, Lim E, Hopkins D, Corder R, Shaw L, Sharp P, Lipkin D, Lahiri A
Risk stratification in uncomplicated type 2 diabetes: Prospective evaluation of the
combined use of coronary artery calcium imaging and selective myocardial perfusion
scintigraphy.
European Heart Journal 2006; 27, 713-721
226. Anand V, Lim E, Lahiri A, Bax J J
The role of non-invasive imaging in risk stratification in asymptomatic diabetic subject.
European Heart Journal 2006; 27, 905-912

227. Collinson PO, Gaze DC, Stubbs PJ, Swinburn J, Khan M, Senior R, Lahiri A
Diagnostic and prognostic role of cardiac troponin I (cTnI) measured on the DPC Immulite.
Clin Biochem. 2006 Jul;39(7):692-6. Epub 2006 Apr 3.
228. Schermund A, Achenbach S, Budde T, Buziashvili Y, Forster A, Friedrich G, Henein M, Kerkhoff G, Knollmann F, Kukharchuk V, Lahiri A, Leischik R, Moshage W, Scharl M, Siffert W, Steinhagen-Thiessen E, Sinitsyn V, Vogt A, Wiedeking B, Erbel R
Effect of intensive versus standard lipid-lowering treatment with Atorvastatin on the progression of calcified coronary atherosclerosis over 12 months. A multicentre, randomized, double-blind trial
Circulation 2006;113:427-437
229. Galasko GI, Barnes SC, Collinson P, Lahiri A, Senior R
What is the most cost-effective strategy to screen for left ventricular systolic dysfunction: natriuretic peptides, the electrocardiogram, hand-held echocardiography, traditional echocardiography, or their combination?
Eur Heart J. 2006 Jan;27(2):193-200. Epub 2005 Nov 2.
230. Gani F, Jain D, Lahiri D
The role of cardiovascular imaging techniques in the assessment of patients with acute chest pain
Nuclear Medicine Communications, 2007 28(6):441-449
231. Sabharwal NK, Stoykova B, Taneja AK, Lahiri A
A randomized trial of exercise treadmill ECG versus stress SPECT myocardial perfusion imaging as an initial diagnostic strategy in stable patients with chest pain and suspected CAD: Cost analysis
Journal of Nuclear Cardiology 2007; Vol. 14 (2) 174-186
232. Jain P, Lahiri A
Metabolic Syndrome: An Evolving Threat in the Genesis of Coronary Artery Disease
Journal of the CardioMetabolic Syndrome 2007; Vol 2(3) 190-197
233. Galasko G, Collinson PO, Barnes SC, Gaze D, Lahiri A, Senior R
Comparison of the clinical utility of atrial and B type natriuretic peptide measurement for the diagnosis of systolic dysfunction in a low-risk population.
J Clin Pathol. 2007 May;60(5):570-2.
234. Lim E, Lahiri A
The importance of the link between coronary artery calcification and Myocardial ischaemia: a developing argument
Journal of Nuclear Cardiology, 2007 14(3); 272-4
235. Anand V, Lim E, Darko D, Bassett P, Hopkins D, Lipkin D, Corder R, Lahiri A
Determinants of progression of coronary artery calcification in Type 2 diabetes: Role of glycaemic control and inflammatory/vascular calcification markers
Journal of American College of Cardiology 2007 50(23); 2218-2225

236. Yerramasu A, Maggae SV, Lahiri A, Anand V
Cardiac computed tomography and myocardial perfusion imaging for risk stratification in asymptomatic diabetic patients: A critical review
Editorial Point of view
Journal of Nuclear Cardiology 2008; Vol 15 (1); 13-22
237. Yerramasu A, Venuraju S, Lahiri A
Risk stratification and early detection of silent coronary artery disease in asymptomatic diabetic patients: The evolving role of cardiac CT.
Diabetes and Primary care. 2008; 10(4): 243-247
237. Anand V, Lim E, Lipkin D, Lahiri A
Evaluation of graft patency by computed tomographic angiography in symptom-free post-coronary artery bypass surgery patients
Journal of Nuclear Cardiology 2008 Vol.15 (2); 201-208
239. Shreenidhi V, Yerramasu A, Lahiri A
Advances in cardiac computed tomography; an update for primary care physicians
PCCJ Topical Review; 2009; Vol 2 (1)
240. Fredrikson GN, Anand V, Hopkins D, Corder R, Alm RR, Bengtsson E, Shah PK, Lahiri A, Nilsson J
Associations between autoantibodies against apo B-100 peptides and vascular complications in patients with type 2 diabetes
Diabetologia 2009; 52; 1426-1433
241. Soman P, Lahiri A, Mieres J, Calnon D, Wolinsky M, Beller G, Sias T, Burnham K, Conway L, McCullough P, Daher E, Walsh M, Wight J, Heller G, Udelson J
Etiology and pathophysiology of new-onset heart failure: Evaluation by myocardial perfusion imaging
Journal of Nuclear Cardiology, 2009, Vol 16 (1); 82-91
242. Venuraju SM, Yerramasu A, Lahiri A
Abnormal myocardial perfusion in the absence of anatomically significant coronary artery disease – Implications and clinical significance
Editorial Review
Journal of Nuclear Cardiology, 2010, Vol.17 (1); 8-12
243. Hamer M, O'Donnell K, Lahiri A, Steptoe A
Salivary cortisol responses to mental stress are associated with coronary artery calcification in healthy men and women
European Heart Journal, 2010, 31, 424-429
244. Andrew Steptoe, Mark Hamer, Katie O'Donnell, Venuraju SM, Michael G Marmot, Lahiri A
Socioeconomic status and subclinical coronary disease in the Whitehall II
Epidemiological Study
PloS One; 2010; Vol 5; Issue 1
245. Hamer M, Kivimaki M, Lahiri A, Yerramasu A, Deanfield J, Marmot M, Steptoe A
Walking speed and subclinical atherosclerosis in healthy older adults: the Whitehall II study
Heart 2010; 96:380-384

246. Venuraju SM, Yerramasu A, Corder R, Lahiri A
Osteoprotegerin as a Predictor of coronary artery disease and cardiovascular mortality and morbidity
Journal of the American College of Cardiology, Vol 55 (19), 2010 2049-61
247. Yerramasu A, Venuraju SM, Lahiri A
Evolving role of cardiac CT in the diagnosis of coronary artery disease
Post-Graduate Medical Journal; Online; 05 August 2010; 1-9
Pmj.bmj.com/content/early/2010/08/05/pgmj.2009.093815.full.html
248. Yerramasu A, Lahiri A, Chua T
Comparative roles of cardiac CT and myocardial perfusion scintigraphy in the evaluation of patients with coronary artery disease: Competitive or complementary
Journal of Nuclear Cardiology 2010; Vol 17 (5) 761-770
249. Venuraju V, Yerramasu A, Lahiri A
Abnormal myocardial perfusion in the absence of anatomically significant coronary artery disease: implications and clinical significance.
Journal of Nuclear Cardiology, 2010 17(1): 38-44
250. Yerramasu A, Venuraju SM, Atwal S, Goodman D, Lipkin D, Lahiri A
Radiation dose of CT coronary angiography in clinical practice: Objective evaluation of strategies for dose optimisation
European Journal of Radiology, 2011;doi:10.1016
251. Engelbertsen D, Anand D, Fredrikson G, Hopkins D, Corder R, Shah P, Lahiri A, Nilsson J, Bengtsson E
High levels of IgM against methylglyoxal-modified apolipoprotein B100 are associated with less coronary artery calcification in patients with type 2 diabetes High levels of IgM against methylglyoxal-modified apolipoprotein B100
Journal of Internal Medicine, DOI: 10.1111/j.1365-2796.2011.02411
252. Jain P, Kooner J, Raval U, Lahiri A
Prevalence of coronary artery calcium scores and silent myocardial ischemia was similar in Indian asians and European whites in a cross-sectional study of asymptomatic subjects from a UK population (LOLIPOP-IPC)
Journal of Nuclear Cardiology 0211; Vol 18 (3); 435-442
253. Vanhecke T, Franklin B, Soman P, Lahiri A, Mieres J, Sias T, Calnon D, Wolinsky D, Udelson J, McCullough
Influence of myocardial ischemia on outcomes in patients with systolic versus non-systolic heart failure
Am J Cardiovasc Dis 2011;1(2):167-175
254. Yerramasu, Dey D, Venuraju S, Dhakshinamurthy VA, Atwal S, Corder R, Berman d, Lahiri A
Increased volume of epicardial fat is an independent risk factor for accelerated progression of sub-clinical coronary atherosclerosis
Atherosclerosis, 2012, 223 – 230

255. Hamer M, Venuraju SM, Lahiri A, Rossi A, Steptoe A
Objectively Assessed Physical Activity, Sedentary Time, and Coronary Artery
Calcification in Healthy Older Adults
Atherosclerosis, in-press

PUBLICATIONS 2

MULTICENTRE PUBLICATIONS

- 1 A Randomized Trial Of (-Blockade In Heart Failure.
The cardiac insufficiency bisoprolol study (CIBIS). CIBIS investigators and committees.
Circulation 1994; 90: 1765-1773
- 2 Lette J, Tatum JL, Fraser S, Douglas Miller D, Waters DD, Heller G, Stanton EB, Seung Bom H, Leppo J, Nattel S for the Multicenter Dipyridamole Safety Study Investigators.
Safety of dipyridamole testing in 73,806 patients: the multicenter dipyridamole safety study.
Journal of Nuclear Cardiology 1995; 2: 3-17
- 3 A Comparison of Reteplase with Alteplase for Acute Myocardial Infarction: The Global Use of Strategies to Open Occluded Coronary Arteries (GUSTO III) Investigators.
N Engl J Med 1997; 337: 1118-23
4. Intravenous NPA for the treatment of infracting myocardium early: In-Time II, a double-blind comparison of single-bolus lanoteplase vs accelerated alteplase for the treatment of patients with acute myocardial infarction. The InTime II Investigators. European Heart Journal 2000; 21: 2005-2013
5. Packer M, Coats AJS, Fowler MD, Katus HA, Krum H, Mohacsi P, Roleau JL, Tendera M, Castaigne A, Roecker EB, Schultz MK, DeMets D for the Carvedilol Prospective Randomized Cumulative Survival Study Group.
Effect of carvedilol on survival in severe chronic heart failure.
New England Journal of Medicine 2001; 344: 1651-1658
6. Cohen M, Theroux P, Borzak S, Frey MJ, White HD, Miegheem V, Senatore F, Lis J, Mukherjee R, Harris K, Bigonzi F: Acute II Investigators
Randomized double-blind safety study of enoxaparin versus unfractionated heparin in patients with non-ST segment elevation acute coronary syndromes treated with tirofiban and aspirin: The Acute II study. The antithrombotic combination using tirofiban and enoxaparin.
American Heart Journal 2002; 144(3): 470-477
7. Massie B, Krol W, Ammon S, Amstrong P, Cleland J, Collins J, Ezekowitz M, Jafri S, O'Connor, Packer M, Schulman K, Teo K, Warren S: The Warfarin and antiplatelet therapy in heart failure trial (WATCH): Rationale, design and baseline patient characteristics
Journal of Cardiac Failure 2004; Vol.10(2); 101-112

Non-Peer Reviewed Publications

1. Lahiri A, Bala Subramanian V, Raftery EB.
Sudden death: a report of clinical and electrocardiographic evaluation in three cases.
Proceedings of Telemetry of the Cardiovascular System Erlangen, W.Germany, (1979).
2. Bala Subramanian V, Lahiri A, Raftery EB.
The Role of ambulatory ST-segment monitoring in ischaemic heart disease.
Proceedings of Telemetry of the Cardiovascular System, Erlangen, W.Germany, (1979).
3. Lahiri A, Bala Subramanian V, Sonecha TN, Crawley JCW, Spencer J, Raftery EB.
Quantitative assessment of exercise-induced pulmonary uptake of thallium-201 in patients with coronary artery disease. a sensitive index of heart failure.
Nucl. Med. Biol.; Ed. Raynaud C, Pergamon Press; 2: 1432-1435 (1982).
4. Lahiri A, Sonecha TN, Crawley JCW, Cox R, Gould BA, Bala Subramanian V, Raftery EB.
Reduction of left ventricular ejection fraction during isometric handgrip and cold pressor tests in hypertensive patients with left ventricular hypertrophy.
Nucl. Med. Biol.; Ed. Raynaud C, Pergamon Press; 4: 2724-2727 (1982).
5. Lahiri A, Sonecha TN, Crawley JCW, Raftery EB.
Improvement in left ventricular function after chronic treatment with methyldopa in hypertensive patients with left ventricular hypertrophy.
Current Medical Research and Opinion; 8: Suppl 1, 59-66 (1982).
6. Lahiri A, Bowles MJ, Jones R, Crawley JCW, Sonecha TN, Cooper WD, Raftery EB.
The effect of buccal nitroglycerin on exercise-induced left ventricular dysfunction in patients with chronic stable angina: objective assessment by means of a non-imaging nuclear probe.
Royal Society of Medicine International Congress and Symposium Series, 54: 79-92, (1983).
7. Lahiri A, Sonecha TN, Crawley JCW, Raftery EB.
Improvement in congestive cardiac failure with a buccal nitroglycerin formulation.
Royal Society of Medicine International Congress and Symposium Series, 54: 117-125, (1983).
8. Lahiri A
Modern trends in therapy in essential hypertension: pressure points.
Pressure Points, 1983.
9. Lahiri A
Modern concepts of antianginal therapy: Pulse.
Pulse, 1984.
10. Lahiri A, Cashman PMM, Crawley JCW, Hinge D, Raftery EB.
Continuous monitoring of LV ejection fraction using a miniature detector and microcomputer.
Computers in Cardiology, Linkoping, published by IEEE Computer Society, 199-202 (1985).

11. Lahiri A, Raftery EB.
Left ventricular function in coronary artery disease.
British Heart Journal 1985; 53: 577-578
12. Lahiri A.
Management of chronic stable angina with once-daily bisoprolol or atenolol and long-term efficacy of bisoprolol.
Deutsches Arzteblatt 1985; 12: 9, (1985).
13. Lahiri A
Drug tolerance in the long-term treatment of angina: Medical Dialogue.
Medical Dialogue, 1986.
14. Lahiri A.
Myocardial perfusion scintigraphy with single photon radionuclides.
Current Opinion in Cardiology 1986; 1: 926-932
15. Lahiri A
Film:
Ciba Film: Modern Trends In Cardiology Series. The Nuclear Stethoscope, 1986
16. Kohli RS, Cashman PMM, Khurmi NS, Kardash MM, Lahiri A, Raftery EB.
Ambulatory monitoring of the ST-segment and exercise testing in 105 healthy volunteers.
Proceedings of the 5th International Symposium on Ambulatory Monitoring. Ed. C. Dal Palu and A.C. Pessina 459-465, (1986).
17. Rodrigues EA, Al-Khawaja I, Lahiri A, Raftery EB.
Calcium antagonist treatment and its effect on left ventricular function in patients with ischaemic heart disease.
British Journal of Clinical Pharmacology 1986; 22: Suppl 3, 219-S-324S
18. Al-Khawaja IM, Caruana MP, Lahiri A, Whittington JR, Lewis JG, Raftery EB.
Nifedipine and verapamil in essential hypertension.
British Journal of Clinical Pharmacology 1986; 22: Suppl.3, 273S-282S
19. Lahiri A, Jain D.
New radionuclide imaging techniques in cardiovascular disease.
Current Opinion In Cardiology 1987; 2: 1070-1076
20. Lahiri A
The role of carvedilol (Bm14.190) in ischaemic heart disease
Boehringer Mannheim, W Germany, 1988
21. Al-Khawaja IM, Lahiri A, Raftery EB.
Fully automated algorithm for quantitative myocardial and pulmonary thallium-201 scintigraphy.
In: Computers in Cardiology; Pub, Computer Society Press of the IEEE, 283-285, (1988).

22. Lahiri A, Al-Khawaja IM, Rodrigues EA, Raftery EB.
Diastolic filling parameters of the left ventricle from radionuclide ventriculography.
In: Computers in Cardiology; Pub, Computer Society Press of the IEEE, 275-278, (1988).
23. Crawley JCW, Smith T, Jain D, Raval U, Zanelli GD, Lahiri A.
Problems and pitfalls in dual isotope imaging.
In: Radioaktive Isotope In Klinik Und Forschung, Ed. R Hoffer and H Bergmann, Vienna, 567-571, (1988).
24. Lahiri A, Rodrigues EA, Heber ME, Van der Does R, Raftery EB.
Effects of carvedilol on left ventricular function in essential hypertension and ischaemic heart disease.
Drugs 1988; 36: Suppl 6, 141-143
25. Amusai JH, Ofori-Adjei D, Caunt J, Cashman PMM, Lahiri A, Crawley JCW.
The design of a portable apparatus for field studies in developing countries.
In: Dynamic functional studies in nuclear medicine in developing countries
Proceeding of International Atomic Energy Agency, Vienna 1989; 133-140.
26. Cashman PMM, Caunt J, Lahiri A, Crawley JCW.
An instrument for long term on-line studies of left ventricular function based upon a personal computer and a miniature detector.
In: Dynamic Functional Studies in Nuclear Medicine in Developing Countries;
Atomic Energy Agency, Vienna, 1989; 417-423.
27. Lahiri A, Rodrigues EA, dasgupta P, Jain D, Van der does R, Raftery EB.
Effects of carvedilol in patients with impaired left ventricular function due to ischaemic heart disease.
In: New Approaches in the pharmacotherapy of ischaemic heart disease. Ed.: Julian and Hombach V; Zeitschrift fur Kardiologie; 78: Suppl 3, 21-27, (1989).
28. Broadhurst P, Lahiri A, Raval U, James C, Wilkins R, Raftery EB.
Technetium-99m labelled antifibrin Tg2is Fab monoclonal antibody in patients with deep venous thrombosis.
In: Nuclear Medicine; Quantitative Analysis In Imaging and Function.
Publ.Schattauer, Stuggart-New York. Ed: Schmidt and Chambron; 291-293 (1990).
29. Crawley JCW, Cashman PMM, Broadhurst P, Lahiri A.
Miniature radiation detectors for clinical studies and research.
Proceedings: Biomedical Engineering. Published: International Federation for Medical and Biological Engineering, Antwerp. Eds. Cornelis J and Peters S; p. 81-86, (1990).
30. Lahiri. A
Myoscint imaging in the diagnosis of myocardial infarction.
Diagnostic Imaging, 6: NO.3, PAR 2; 8-11, 1990.
31. Senior R, Lahiri. A
Antimyosin imaging: A critical review.
RAD Magazine 1991; 17: No: 190, 18-20

32. Senior R, Lomsky M, Ruddy T, Jalonskyene, Manspeaker P, Liu XJ, Lahiri A.
Simultaneous evaluation of myocardial necrosis and left ventricular function using a single dose of In-111 antimyosin.
In: Nuclear Medicine, The State of the Art of Nuclear Medicine in Europe, Eds. Schmidt HAE, van der Schost JB, Publ. Schattauer; 191-198, (1991).
33. Dasgupta P, Lahiri A.
Can intravenous beta-blockade predict long-term haemodynamic benefit in chronic congestive heart failure secondary to ischaemic heart disease? A comparison between intravenous and oral carvedilol.
The Clinical Investigator 1992; 70: 2; S98-S104
34. Dasgupta P, Jain D, Lahiri A, Raftery EB.
Long-term efficacy and safety of carvedilol, a new beta-blocking agent with vasodilating properties in patients with chronic ischaemic heart disease.
Drug Investigation 1992; 4: (3); 263-272
35. Bhattacharya S, Machin S, Lahiri A.
Therapeutic implications of a specific murine monoclonal antibody (7E3) to the platelet receptor GPIIB/IIIa.
Platelets 1992; 3: 119-124
36. Lahiri A
Monitoring LV function with non-imaging nuclear probes.
Cardiology Today 1993; 21 (1); 1-2
37. Lahiri A
Nuclear Cardiology.
Medicine International 1993; 21 (9): 325-330
38. Lahiri A
Can intravenous beta-blockade predict long-term hemodynamic benefit in chronic congestive heart failure secondary to ischemic heart disease - A comparison of intravenous oral carvedilol.
Current Opinion in Cardiology, 1994
39. Lahiri A
Nuclear cardiology in the detection and management of coronary artery disease
Hospital Update; 569, 1994
40. Khattar RS, Lahiri A.
Carvedilol: Extending the scope of beta-blocker therapy?
Medical Dialogue 1994; No: 434.
41. Lahiri A
Dual-acting drugs in cardiovascular therapy: modern concepts of the treatment of congestive heart failure: The role of vasodilating (-blockers
Kluwer Medical Information Services, 1994; Publ: Liepmann H; Editor: Schaeffer S

42. Lahiri A, Senior R
Myocardial perfusion imaging: strategies for the management of coronary heart disease
Cardiotopics 1995; Ciba-Geigy Publications
43. Lahiri A - Chairman
Pharmacological stress testing: clinical value in coronary artery disease
British Journal of Clinical Practice, supplement XX, September 1995
44. Lahiri A, Senior R.
Myocardial viability: an evolving clinical concept
Cardio Topics 1996; Ciba-Geigy Publications
45. Khattar RS, Senior R, Lahiri A.
How do predischage prognostic tests after thrombolysis for myocardial infarction rate?
Cardiology Review 1997; 14: 5, 41-45
46. Khattar RS, Sridhara B, Raval U, Crawley JCW, Lahiri A.
Comparison of SPECT and planar images of ^{99m}Tc-tetrofosmin labelled myocardium using ROC analysis.
Tomography in Medicine: Proceedings of an International Symposium on Tomography in Nuclear Medicine. International Atomic Energy Agency, pg 387-395, 1995, Vienna
47. Lahiri A
Editorial: Congestive heart failure.
Clinical Focus 1997; Vol 3 (No: 2): 2
48. Swinburn JMA, Chugh S, Lahiri A
Management of myocardial infarction
Diabetic News 1998 (in press)
49. Lahiri A
The link between ischaemia and heart failure in ischaemic cardiomyopathy
International Proceedings Journal (1998) (in press)
50. Soman P, Lahiri A
Why Cardiac MRI will not make it?
Journal of Computer Assisted Tomography 1999; 23 (Suppl 1):S143-9
51. Senior R
Assessment of myocardial ischaemia by stress echocardiography
Cardiac Imaging 1999; 2 (1): 2-5
52. Lahiri A
Imidapril: An overview
Consensus Meeting Report 1999
53. Khattar RS, Senior R, Lahiri A
Prognostic implications of white coat hypertension
Cardiology Review 2000; 17: 18-23

54. Chung G, Lahiri A
Myocardial perfusion imaging in modern cardiology
The British Journal of Cardiology 2000; 27 (10): 619-623
55. Anand DV, Lahiri A, Lipkin D
Non-invasiv coronary artery imaging – new and evolving techniques
Contraversies and Consesnus in Imaging and Intervention 2003 c/o Choice Medical
Communications
Ed. Dr Mark Downes
- 56 Gani F, Anand V, Lahiri A, Lipkin D
Role of Cardiac CT in Athoerosclerosis: Imaging and Risk Statification
Cardiology New; Vol.9, No.6
57. Yerramasu A, Venuraju S, Lahiri A
Cardiac CT: A review of its role in stratifying risk and early detectionof silent CAD
Diabetes and Primary Care; 10 (4 suppl) 243-245

BOOK CHAPTERS

1. Lahiri A, Millar-Craig MW, Newman R, Bala Subramanian V, Crawley J, Raftery EB.
Exercise Induced ST-Segment Elevation
Progress in Electrocardiography, Ed. Mcfarlane JT, Pitman Medical Publications, p504-507, (1979).
2. Lahiri A, Bala Subramanian V, Raftery EB.
Sudden Death During Ambulatory Monitoring: A Report Of Three Cases.
Proceedings of the International Symposium of Ambulatory Monitoring ISAM 1979.
Ed. Stott FD, Raftery EB, Goulding L. Pub. Academic Press, London 95-102 (1980).
3. Lahiri A, Bala Subramanian V, Millar Craig MW, Raftery EB.
Dual Aetiology Of Exercise Induced ST Segment Elevation.
New Frontiers of Electrocardiography. Ed. De Padua F, macfarlane DW. Pub. John Wiley and Sons, Chichester, New York: 428-434 (1981).
4. Lahiri A, Bala Subramanian V, Millar Craig MW, Raftery EB.
Dual Aetiology Of Exercise Induced ST-Segment Elevation.
New Frontiers of Electrocardiography. Ed. De Padua F, macfarlane DW.
Pub. John Wiley and Sons, Chichester, New York: 428-434 (1981).
5. Lahiri A, Zanelli G, O'Hara M, Jones R, Bowles M, Cave A, Barker M, Crawley J, Raftery EB.
A Single Crystal Gamma Camera For The Evaluation Of Simultaneous Myocardial Perfusion (Thallium-201) And Left Ventricular Function. (Gold-195M).
In: Nuklearmedizin: 1984; 189-192. Editors: Dr. H.A.E. Schmidt and Mr. D. E. Vauramo.
Published by F.K. Schattauer Verlag, Stuttgart and New York.
6. Lahiri A, Bowles MJ, Whittington JR, Duffy S, Raftery EB.
The Nuclear Stethoscope For Measuring Rapid Temporal Changes In Left Ventricular Volumes In Patients With Unstable Angina.
Non-Invasive Access To Cardiovascular Dynamics. Ed.C Rusconi and G.Orlands.
Brescia, Italy. Pp: 302-306, (1985).
7. Lahiri A, Dasgupta P, Rodrigues ER, Carboni GP, Cashman PMM, Raftery EB.
Acute withdrawal of therapy in patients with chronic stable angina treated with verapamil.
In: Verapamil SR: Once-daily calcium blockade in angina and hypertension.
Ed Raftery EB; Pub. Addis Press; 18-29, (1987).
8. Lahiri A.
Verapamil In Angina: An Overview
In: Calcium Antagonists: Drugs with a Future; Ed. Raftery EB. Publ. Research and Clinical Forums; 12: 9-14, (1990).

9. Bhattacharya S, Lahiri A.
Antimyosin Antibody Imaging In Myocardial Infarction.
In: Clinical Use of Antibodies, Baum et al (Eds). Publ. Kluwer Academic Press Publishers, Netherlands; 69-83.
10. Higley B, Lahiri A, Kelly JD.
Technetium-99m Complexes Of Functionalised Diphosphines For Myocardial Perfusion Imaging In Man.
'What's new in cardiac imaging'. Eds. Van der Wall EE, Sochor H, Rishetti A and Niemeyer MG. Kluwer Academic Publisher, Dorchecht, (1992).
11. Lahiri A, Bhattacharya S, Carrio I.
Antimyosin Antibody Imaging For The Detection Of Myocardial Necrosis.
In: Nuclear Cardiology; State of the Art and Future Directions. Publ. Mosby, St Louis, Missouri. Ed: Zaret BL and Beller GA; 331-338, (1993).
12. Soman P, Lahiri N, Lahiri A.
(-Adrenergic Antagonists in the Management of Acute Myocardial Infarction
In: From Hypertension to Heart Failure. Publ. Springer. Eds. Bohm M, Laragh JL, Zehender M. 41-56, (1998).
13. Lahiri A, Senior R
Imaging in ischemic cardiomyopathy: therapeutic considerations
In: Nuclear Cardiology: State of the Art and Future Directions II. Publ. Mosby, St Louis, Missouri, Ed: Zaret BL and Beller GA; 613-623, (1999).
14. Lahiri A
The Role of Multiple Adrenergic Blockade in Coronary Artery Disease and Myocardial Infarction
In: Prevention of Disease Progression Throughout the Cardiovascular Continuum. Publ. Springer, Germany. Ed: Ryden L.; 39-53 (2001)
15. Hickman M, Lahiri A
Radionuclide Imaging in Heart Failure and Cardiomyopathies
In: Clinical Nuclear Cardiology, State of the Art and Future Directions, (Third Edition)
Publ. Elsevier, Ed: Zaret BL and Beller GA (2005)
16. Lim ETS, Anand DV, Lahiri A
Noninvasive Assessment of Asymptomatic Individuals at Risk of coronary heart disease.
Part a
In: Noninvasive Imaging of myocardial Ischaemia. Publ. Springer
Ed. Anagnostopoulos, Nihoyiannopoulos, Bax and Van der Wall; 107-136 (2006)
17. Venuraju S, Yerramasu A, Goodman D, Lahiri A
Coronary artery calcification: Pathogenesis, imaging and risk stratification
In: Clinical Nuclear Cardiology: State of the art and future directions (Fourth Edition)
Publ. Ed. Zaret BL and Beller GA 332-355 (2010)

INVITED LECTURES

1. Hammersmith Hospital and Postgraduate Medical School: London (1980). The significance of ST-segment elevation during exercise in patients with previous infarction.
2. Cardiothoracic Centre, Bordeaux, France (1981). Computerised exercise systems.
3. Military Hospital, Athens, Greece (1982). Exercise testing and diagnosis of CAD.
4. Postgraduate Meetings for General Physicians, Northwick Park Hospital, Harrow (1982).
5. Postgraduate Medical Lectures, Watford (1982). New methods of early detection of CAD.
6. Postgraduate Medical Centre, Northwick Park Hospital, (1982). Thallium imaging; its role in the diagnosis of CAD.
7. Junior Cardiac Club, London (1983). Nuclear Probes in Cardiology: methods of use and validation.
8. University of Liverpool, Medical School (1983). Nuclear Cardiology.
9. Postgraduate Meeting, Ealing Hospital, London (1983). Nuclear Cardiology: Cardiac function studies and drug therapy in heart failure.
10. Kings College Hospital, London (1983). Intervention studies in patients with CAD with the Nuclear Stethoscope.
11. Captopril Meeting, Paris (1983). Radionuclide angiography for estimating therapeutic effect in CCF.
12. MEDA Cardiovascular lectures (Swedish Cardiologists) (1983). Nuclear Cardiology.
13. Manchester General Hospital, Manchester (1983). Nuclear Cardiology.
14. Liverpool Hospital (1983). Nuclear probes in cardiology.
15. Postgraduate Meeting, Edinburgh (1983). Role of nuclear cardiology in diagnosis and management of patients with coronary disease.
16. Glasgow (2 lectures) (1983). Nuclear Cardiology.
17. Ludwigshaven, W. Germany (1983). Assessment of antianginal drugs.
18. Radcliffe Infirmary, Oxford (1983). Nuclear Stethoscope and its applications.
19. Postgraduate lecture, Sheffield (1983). Nuclear Cardiology; modern concepts.
20. Postgraduate lectures in China. Invited by the Government of China (Shanghai, 2 in Peking, Harbin) (1983). Nuclear Cardiology; recent trends.

21. British Institute of Radiology, Postgraduate Lectures, London (1984). Nuclear Cardiology.
22. Ramkrishna Mission Hospital, Calcutta, India (1984). The place of nuclear cardiology in assessment of the heart patient.
23. All India Institute of Medical Science, Delhi (1984). Nuclear Cardiology.
24. Royal Gwent Hospital, Newport (1984). Vasodilators in the management of heart failure.
25. Royal Sussex County Hospital, Guildford (1984). Nitrates: mechanism of action in CCF.
26. Freeman Hospital, Newcastle (1984). Nuclear Cardiology: where does it stand?
27. Swansea Postgraduate Medical Centre (1984). Role of nuclear cardiology.
28. Chairman, Cardiac Sessions; British Nuclear Medicine Society (Annual Meeting), Imperial College (1984).
29. Wythenshaw Hospital, Manchester (1984). Nuclear cardiology: new concepts.
30. Charring Cross Hospital, London (1984). The nuclear stethoscope.
31. Edgware General Hospital, London (1984). The role of nuclear cardiology in clinical cardiology.
32. British Nuclear Cardiology Group: A Seminar on the Nuclear Stethoscope (1984).
33. Stockholm, Sweden (1984). Haemodynamic changes induced by nitrates in heart failure.
34. Lausanne, Switzerland (1984). Pressure - Volume relationship: Nuclear probes in Cardiology.
35. Dublin, Ireland (1984). Nuclear Cardiology.
36. Wrexham Hospital (1984). Non-invasive diagnosis of CAD.
37. MEDA Lectures, Swedish Doctors, London (1985). Thallium or RNV? For the diagnosis of CAD.
38. Revlon, Eastbourne (1985). The state-of-the-art non-invasive cardiology.
39. Postgraduate Course in Cardiology; Course organised the European Society of Cardiology and American Heart Association, Davos, Switzerland (1985).
40. Whittington Hospital, Manchester (1985). Review of Nuclear Cardiology.
41. Plymouth General Hospital (1985). Postgraduate Medical Lecture: Nuclear Cardiology.

42. Chairman, Cardiac Sessions, European Congress of Nuclear Medicine, London (1985).
43. Leeds Castle, Symposium on Nitrates (1985).
44. Yale University, U.S.A. (1985). Guest lecture: Nuclear probe in cardiology.
45. Cedars Sinai Hospital, L.A., U.S.A.(1985). Intervention studies with the Nuclear Stethoscope.
46. Milwaukee, Marquette Electronics, U.S.A. (1986). Miniature Nuclear Probe.
47. Exercise Testing Meeting, Tucson, Arizona, U.S.A. (1986). Advances in miniature radiation detectors for continuous monitoring of LV function.
48. Cardiothoracic Unit, Sheffield (1986). Nuclear Cardiology: changing concepts.
49. Leicester Royal Infirmary (1986). Advances in nuclear cardiology.
50. Royal Derby Hospital, Derby (1986). Current trends in Nuclear Cardiology.
51. Wellington Hospital, Delhi, India (1986). Role of nuclear cardiology in the management of ischaemic heart disease patients.
52. Chairman, Cardiac Sessions, British Nuclear Medicine Society, London (1986).
53. Carvedilol Symposium, Malta (1986). Left ventricular function changes induced by a new vasodilating beta-blocker.
54. West Middlesex Hospital, London (1986).
55. University of Virginia Medical School, Charlottesville, Virginia, USA. Guest lecture: Beat-to-beat LV function studies with miniature radiation detectors.
56. International Meeting of Cardiopulmonary Diseases, Calcutta, India (1987).
 - Chairperson : Calcium Antagonist
 - Key Note Lecture : Silent Myocardial ischaemia.
 - Teaching Lectures : (1) Myocardial perfusion scintigraphy;
(2) Nuclear probes in cardiology.
57. Exercise symposium, Tucson, Arizona, U.S.A. (1987) Sponsored by Marquette Electronics. Ambulatory monitoring and silent myocardial ischaemia.
58. Royal Northern Hospital, Manchester. Postgraduate meeting (1987). Silent Ischaemia.
59. Belver Castle, England (1987). Guest Speaker, Symposium on Silent Myocardial Ischaemia.
60. The 12th Annual Nuclear Cardiology Symposium and Workshop, University of Wisconsin, Milwaukee, USA (1987). Faculty Member.
 - Lectures: 1. Antimyosin antibody imaging for detection of acute myocardial Infarction.
 - 2. Non-imaging nuclear probes and interventional cardiology.

61. Combined Action of Multiple Antihypertensive Mechanisms. Satellite Symposium, International Society of Hypertension, Kyoto, Japan, May 1988.
Title: Effects of Carvedilol on Left Ventricular Function in Essential Hypertension.
62. Biotechnology and Nuclear Cardiology: A New Frontier. Satellite Symposium, Nuclear Medicine Society, San Francisco, June 1988.
Title: Functional Significance of Extensive Uptake of Indium-111 Antimyosin: Comparison Between Antibody Imaging and Thallium-201 Imaging.
63. Assessment of prognosis in patients with ischaemic heart disease by means of non-invasive techniques. AMI sponsored lecture: Clementine Churchill Hospital, June 1988.
64. New methods of assessing cardiovascular effects of drugs. SKF, Welwyn Garden City, July 1988.
65. Guest Lecture: European Society of Cardiology, Vienna, Austria (1988). In: "New developments in Nuclear and MR Imaging"
Title: Miniaturised and portable detectors for the assessment of cardiac function.
66. International Symposium: Heart Failure and Diastolic Function: Clinical Approaches to its Understanding and Treatment, Brussels, Sep 1988.
Title: Diastolic function in patients with chronic ischaemic heart disease and heart failure and the effects of calcium antagonists.
67. New Techniques in Nuclear Cardiology: Nuclear Cardiology Symposium, Newcastle University, Nov 1988, Newcastle.
68. Antimyosin Antibody Imaging: Clinical Role. Toronto Nuclear Medicine Society, Toronto, Canada (Dec 1988).
69. Myocardial Perfusion Imaging: Current Concepts and Future Developments. Amersham International, Amersham (Dec. 1988).
70. Nuclear Cardiology: Modern Trends. Command Hospital, Calcutta, India (Aug 1989).
71. Early Detection of Functionally Significant Coronary Disease. Mulchand Hospital, New Delhi, India (Aug 1989).
72. Clinical Role of Myoscint. Myoscint Launch Conference (Chairman), European Association of Nuclear Medicine, Strasbourg, France (Aug 1989).
73. Role of Vasodilating Betablockers in Heart Failure, SKF and BM (Satellite Symposium), ECCO, Nice, France (Sept 1989).
74. British Nuclear Medicine Society; April 1990: Imperial College, Chairman of Cardiac Sessions.

75. Society of Nuclear Medicine; June 1990; June 1990: Chairman: Monoclonal Antibody Imaging Sessions.
76. European Congress of Cardiology: Guest Lecturers; September 1990: Antiplatelet Antibody, 7E3 Therapy, A Potent Effect on Platelet Function. Role of Receptor Imaging and the Heart (MIBG)
77. Advisory Board Meeting (Centocor): Clinical Development of Antiplatelet Antibody - 7E3.
78. Guest Lecture on Antimyosin Antibody Imaging: European Society of Nuclear Medicine, Amsterdam; Aug 1990.
79. International Society of Hypertension; Montreal; June 1990: Guest Lecture: Carvedilol in Heart Failure.
80. Munich Heart Centre; Feb 1991: Carvedilol, its Role in Cardiovascular Medicine.
81. International Symposium on Carvedilol, Berlin, March 1991: Carvedilol in Congestive Cardiac Failure.
82. Nuclear Cardiology Symposium, Rotterdam, March 1991: Chairman of Antimyosin Session.
83. Amsterdam Free University; March 1991. Guest Lecture on Antimyosin Antibody Imaging: Myocardial Viability.
84. British Nuclear Medicine Society; April 1991: Chairman, Cardiac Sessions.
85. IGE Guest Lecture, British Nuclear Medicine Society; April 1991.
86. Carvedilol Symposium, Montreaux, April 1991.
87. Royal College of Physicians; May 1991: Guest Lecture on Antimyosin Antibody Imaging.
88. Antimyosin Meeting, Frankfurt, May 1991.
89. Society of Nuclear Medicine, June 1991: Guest Lecture on Myocardial Imaging with Antimyosin Antibody Imaging at the Cardiovascular Update Course.
90. Carvedilol Symposium; Milan: June 1991.
91. Betablockers in Heart Failure: Munich, June 1991.
92. International Nuclear Cardiology Symposium, (Sponsored by American Heart Association), Wintergreen, Virginia; July 1991. Myocardial Viability Assessment and Antimyosin Antibody Imaging.
93. Amersham P53 Symposium, Tokyo: Aug 1991. Guest Lecture: Myocardial Imaging with Tc-99m P53.

94. Advisory Board Meeting: Carvedilol in Congestive Heart Failure, SK&B, Philadelphia; Sept 1991.
95. Presentation of P53 Myocardial Imaging data to the F.D.A., Washington; Oct 1991.
96. Guest Lecture: Myocardial Imaging with P53. Medi Physics, Chicago; Oct 1991.
97. Guest Lecture: World Congress of Non-Invasive Cardiology, New Delhi, India; Dec 1991.
 - * A New Tracer for Myocardial Perfusion Imaging with ^{99m}Tc -P53
 - * Stress and Dipyridamole Thallium-201 Imaging
98. Assessment of Prognosis in Coronary Heart Disease with Radionuclide Imaging; Central Middlesex Hospital; January 1992.
99. Invited Lecture: Betablockers in heart failure; Hamburg; March 1992.
100. Chairman of Cardiac Sessions; British Nuclear Medicine Society; London; April 1992.
101. Guest Lecture: Role of Nuclear Medicine in Myocardial Infarction, Symposia,; London; April 1992.
102. Invited Lecture: Role of Carvedilol in Heart Failure; Santiago, Chile; June 1992.
103. Heart Failure Management: Changing concepts. Brazilian Hypertension Society, San Paolo, Brazil; June 1992.
104. Chairman, Cardiology Section Free Communications, Society of Nuclear Medicine, Los Angeles, USA; June 1992.
105. Heart Failure Meeting: Belgian Cardiology Society, Reims, France; July 1992.
106. Chairman, Cardiology Section, European Society of Nuclear Medicine, Lisbon; August 1992.
107. Queen's Award, Guest Lecture: Future Directions in Nuclear Cardiology, Amersham, UK; 1992.
108. General Physician Symposia, Cairo, Egypt: Management Strategies in Coronary Heart Disease and Heart Failure, 1992.
109. Guest Lecture at Yale University, New Haven, Development of Tc-99m Diphosphine Derivatives for Myocardial Imaging, November 1992.
110. Du Pont Lecture in the UK: Nuclear Cardiology, Concepts and Practice; 1993.
 - (i) Leeds General Infirmary
 - (ii) Telford Hospital
 - (iii) Nottingham

111. British Nuclear Medicine Society, Chairman, Cardiac Sessions, April 1993.
112. Guest Lecture at the Cardiolite Launch Meeting, British Nuclear Medicine Society, Imperial College, London, April 1993.
113. British Nuclear Medicine Society Meeting, Dublin; Advances in Nuclear Cardiology, Du Pont Symposia, 1993.
114. Co-Chairman, First International Society of Nuclear Cardiology (ICNC), Cannes, France, May 1993.
115. Chairman, Cardiolite Symposia, ICNC, Cannes, May 1993.
116. Co-Chairman, Amersham Symposia on "Myoview", ICNC, Cannes, May 1993.
117. Judge for Junior Investigators Competition, ICNC, Cannes, May 1993.
118. Left Ventricular Hypertrophy in Hypertensive Heart Disease: Strasbourg, France; June 1993.
119. Lecture tour (Bergen, Oslo): Symposia and Launch Meeting; Carvedilol in Heart Failure, Norway; August 1993.
120. Moderator, Strategies in Nuclear Cardiology; Myoview Symposia, Amersham International, Mougins, France; August 1993.
121. Imaging Techniques in Heart Transplantation, Heart Transplantation Symposia (Moderator and Speaker), Badoenhäuser, Germany, September 1993.
122. Imaging Techniques in Acute Myocardial Infarction, Royal College of Pathologists, Symposia on Myocardial Infarction; Royal Society of Medicine, London; September 1993.
123. Nuclear Cardiology Workshop, Milwaukee, USA, October 1993.
 - (i) Moderator, Myocardial Perfusion Imaging
 - (ii) Myocardial Imaging with Tc-99m Tetrofosmin
 - (iii) Miniature Nuclear Probes in Cardiology
124. Visiting Professor and Invited Speaker: Challenges in Nuclear Cardiology; Beijing, China; October 1993.
125. Heart Failure Symposia, Organon, Norway; December 1993.
126. Dual Action Drugs in Heart Failure Symposia (SKB), Denmark; February 1994.
127. Chairman, British Nuclear Medicine Society, Cardiac Session, London; April 1994. "Myocardial Perfusion Imaging in the year 2000: SPECT and Competing Techniques"
128. British Cardiac Society, In charge of imaging in cardiology session, Torquay, UK; May 1994.

129. Guest Lecture: The Society of Nuclear Medicine, Florida, USA; June 1994.
130. Chairman, European Congress of Cardiology; Cardiac Session, Berlin; September 1994.
131. Guest Lecture: Congestive Heart Failure Meeting, Oslo, Norway, November 1994.
132. Visiting Lecturers: Norway, January 1995.
133. Guest Speaker: Manchester University, March 1995.
134. Guest Speaker: Glasgow, March 1995.
135. Meeting Co-Chairman: 2nd International Congress of Nuclear Cardiology, Cannes, April 1995.
136. Visiting Professor and Named Lecture: The Howard Gilman Foundation Distinguished Visiting Scholar in Cardiovascular Research, Cornell University Medical College, New York, March 1995.
137. Visiting Professor: University of Virginia Health Sciences Center, Charlottesville, USA, March 1995.
"Modern Therapeutics and Heart Failure"
138. Visiting Lecturer: American Heart Association: Satellite Symposium of Carvedilol in Congestive Heart Failure, March 1995.
139. Chairman: Gensia Satellite Symposia, British Cardiac Society, Harrogate, May 1995.
140. Royal College of Physicians: Lecture: Myocardial Perfusion Imaging with New Radiopharmaceuticals, London, May 1995
141. Guest Speaker: Leicester: Management of risk in hypertensive heart disease.
142. Guest Speaker: Postgraduate Centre, Central Middlesex Hospital, London.
Lecture: Revascularisation for Ischaemic Heart Failure.
143. Invited Speaker: European Congress of Cardiology, Amsterdam 1995: Secondary preventative potential of vasodilating β -blockers - experience from the carvedilol heart attack pilot study (CHAPS).
144. Guest Speaker: European Association of Nuclear Medicine, Brussels, Belgium, 1995:
Highlight Lecture - "Highlights of the Nuclear Cardiology Meeting in Cannes (ICNC-II).
145. Visiting Professor: South African Cardiac Society, Johannesburg, South Africa, 1995
146. Lectures on Congestive Cardiac Failure: Durban, Cape Town, Peter Maritzburg, South Africa, 1995

147. Visiting Lecturer: Congestive Cardiac Failure, Belgium (5 lectures), 1995
148. Open Access Echocardiography for GP's, Northwick Park Hospital, Harrow, August 1995
149. Myocardial Perfusion Imaging: An Overview; Guest Lecture: International Conference of Cardiology, New Delhi, December, 1995
150. Myocardial Perfusion Imaging and Congestive Heart Failure. Du Pont Meeting, Chicago, January 1996
151. Betablockers in Congestive Heart Failure: Central Middlesex Hospital, January 1996
152. Clinical Development of Carvedilol. Boehringer Mannheim Symposia, Florida, February 1996
153. Cardiology '96: Symposia and Cardiology Course: Mayo Clinic and University of Vienna. Betablockers in Congestive Heart Failure. Vienna, April 1996
154. Boehringer Mannheim Satellite Symposia on Carvedilol; Lecture: "The CHAPS Trial", Vienna, April 1996
155. Drug and Therapeutics Working Group, European Society of Cardiology, "Carvedilol in Congestive Heart Failure and Myocardial Infarction", Rein Am Stein, Switzerland, May 1996
156. Working Group Meeting of German Rehabilitation Cardiology. "The Role of Carvedilol in Acute Myocardial Infarction", Mannheim, Germany, May 1996
157. Nuclear Cardiology Symposia and Course: "Tetrofosmin Myocardial Perfusion Imaging"; Cesena, Italy, May 1996
158. "Role of Nuclear Cardiology in Congestive Heart Failure" Du Pont Internal Meeting; Frankfurt, May 1996
159. Visiting Professor, University of Tokyo. "Congestive Heart Failure Management - Modern Concepts". Tokyo, June 1996
160. Daichi Pharmaceuticals Internal Meeting; "Carvedilol in Heart Disease"; Tokyo, June 1996
161. Guest Lecture: Stirling Castle, Scotland, June 1996; "New Generation Multiple-Action Betablockers in Congestive Cardiac Failure"
162. Mortality of Congestive Heart failure: therapeutic implications. University of UAE, Dubai and Abu Dhabi, UAE, September 1996
163. Management Of Congestive Heart Failure: Modern Trends. University of Amman and the Military Hospital, Amman, Jordan, September 1996

164. Hibernating Myocardium in Congestive Heart Failure. Visiting Professor, Division of Cardiology, University of Johannesburg, South Africa, October 1996
165. Assessment of Myocardial Viability and Implications in Congestive Heart Failure due to Coronary Artery Disease. Guest Speaker: South African Cardiac Society. The Wild Coast, South Africa, October 1996
166. Carvedilol in Acute Myocardial Infarction. Satellite Symposium. The Wild Coast, South Africa, October 1996
167. Hibernating Myocardium in Congestive Heart Failure. Visiting Professor (Invited Lecture). University of Gent, Belgium, October 1996
168. The Link Between Nuclear Cardiology and Stress Echocardiography. Invited lecture: German Society of Echocardiography, Gensia Symposium, Bonn, Germany, November 1996
169. The Role of Myocardial Perfusion Imaging in the Detection of Myocardial Viability. Joint Meeting of the Society of Nuclear Medicine (USA and India). Gwalior, India, December 1996
170. Detection and Therapeutic Implications of Hibernating Myocardium in Congestive Heart Failure. Birla Heart Research Centre, Calcutta, India, December 1996
171. Detection and Therapeutic Implications of Hibernating Myocardium in Congestive Heart Failure. Escorts Heart Hospital, New Delhi, India, January 1997
172. Carvedilol in Cardiovascular Disease. Round Table Discussion and Invited Lecture: Cairo, Egypt, January 1997
173. Painless Myocardial Ischemia is Frequently Associated with Hibernating Myocardium in Congestive Heart Failure. Invited Speaker: World Congress of Heart Failure, Washington, May 1997
174. Diagnosis and Management of Hibernating Myocardium. Invited Lecture: British Cardiac Society, Manchester, May 1997
175. Relationship Between Ischaemia and Heart Failure. Invited Lectures: European Congress of Heart Failure (No. 2); Cologne, Germany, May 1997
176. Carvedilol in Ischaemic Heart Failure Disease. Satellite Meeting; Cologne, Germany, May 1997
177. New Developments in Management of Ischaemic Heart Disease. Windhock University Hospital, Namibia, 1997
178. Multiple Action Drugs in the Management of Ischaemic Heart Disease. Gabarone, Botswana, June 1997
179. Treatment of Ischaemic Heart Disease with Multiple-Action Drugs: New Concepts. Harare, Zimbabwe, June 1997

180. Ischaemic Cardiomyopathy: Diagnostic and Therapeutic Challenges. Heart House Course, Nice, October 1997
181. Carvedilol in Post-AMI Patients. Organon Norwegian Conference. Chairman and Speaker, London, October, 1997
182. Myocardial Perfusion SPECT Imaging: New Directions. Delhi, October 1997
183. Myocardial Perfusion Imaging in Ischaemic Cardiomyopathy. Chairman and 3 Guest Lectures, Indian Society of Nuclear Cardiology, October 1997
184. New Radiotracers in Nuclear Cardiology: Clinical Nuclear Medicine Course: Royal College of Physicians, London, November 1997
185. Modern Concepts in the Management of Heart Failure. Bahrain, December 1997
186. Myocardial Perfusion Imaging: Prognostic and Diagnostic Value. Cardiovascular Congress, Chairman and Lectures, Oman, December 1997
187. Diagnosis and Management of Ischaemic Cardiomyopathy. Cardiovascular Forum, Chairman and Lecture, New Delhi, February 1998
188. Nuclear Cardiology application to patient management. Taiwan Medical Centre, Taiwan, Feb 1998
189. Myocardial Perfusion Imaging in Heart Failure. Samsung Hospital, Seoul, Korea, February 1998
190. Diagnosis and Management of Ischaemic Heart Failure. Kyoto Medical School, Japan, February 1998
191. Nuclear Cardiology: Changing Role. Matsuyama Medical Group, Japan, February 1998
192. Ischaemic Cardiomyopathy: Diagnosis and Management. Japanese Society of Nuclear Cardiology, Yokohama, Japan, February 1998
193. Myocardial Perfusion Imaging: Changing Concepts. Chulalongkorn Hospital, Bangkok, Thailand, February 1998
194. Myocardial Viability in Ischaemic Cardiomyopathy. ESC Working Group, Kitzbuhel, Austria, March 1998
195. Hibernating Myocardium and Heart Failure. The Royal College of Physicians, London, June 1998
196. The Role of Neurohormonal Antagonists in Hibernating Myocardium. Roche Satellite Symposium, ESC Congress, Vienna, Austria, August 1998

197. Symposia on Coronary Heart Disease: Role of Nuclear Cardiac Imaging in Risk Stratification, Florence, Italy, August 1998)
198. Advisory Board, CIS; Phase III Study for ^{99m}Tc-NOET For Myocardial Perfusion Imaging, Paris, France, October 1998
199. "Why Cardiac MRI Will Not Make It?" Lecture, Bracco Conference on MRI Contrast Agents, Milan, Italy, November 1998
200. Effect of Carvedilol in Remodelling. SmithKline Beecham Lecture, CRAGG, November 1998
201. Role of Myocardial Imaging for CAD Detection: Current Status. Du Pont European Sales Marketing, Badgastein, January 1999
202. Diagnosis and Management of Hibernating Myocardium: Greek Society of Cardiology, Guest Lecture, February 1999
203. Lecture Series: Myocardial Perfusion Imaging: Canada – 1-5th March 1999, Montreal, Toronto, Canada
204. Heart Failure: Management and New Drugs. GP Lecture, London, March 1999
205. ICNC 4; Guest Lectures, Greece, April 1999
 - (a) Value of Normal Myocardial SPECT Study
 - (b) Diagnosis of Hibernating Myocardium
 - (c) Chairman: Du Pont Satellite Symposium
 - (d) Fujisawa Symposium
206. Clinical Development of Carvedilol, Roche, Basle, Switzerland, May 1999
207. Role of Drugs in the Management of Hibernating Myocardium. Norwegian Cardiology Society, Oslo, Norway, May 1999
208. Carvedilol in the Management of Ischaemic Cardiomyopathy, Pamplona, Spain, June 1999
209. Harrow Heart Failure: Lecture, Northwick Park Hospital, June 1999
210. State of the Art Lecture: Australia/New Zealand Cardiac Society: "Diagnosis and Management of Ischaemic Cardiomyopathy". Working Group: Chairman and Lecture. "Myocardial Perfusion Imaging". Wellington, New Zealand, August 1999
- 211-218. Australia Lecture Tour: "Risk Stratification in Coronary Artery Disease Using Myocardial Perfusion Imaging", August 1999. Grand Rounds in Concord Hospital, Sydney;

The University of Surrey, Department of Medicine, Physicians Workshop
Royal Melbourne Hospital, Sydney
ANZSNM, Victoria
John Hunter Hospital
Grand Rounds in Royal Brisbane Hospital
Prince Charles Hospital

219. "Ischaemic Cardiomyopathy: Diagnosis and Management". CHRISTMAS Study Group:
Barcelona, Spain, August 1999
220. Epidemic of Heart Failure: GP Lecture, Clementine Churchill Hospital, September 1999
221. Heart Failure Management and Epidemiology, GP Lecture, Glasgow, September 1999
222. State-of-the-Art: Cardiac Imaging: Echocardiography, Northwick Park Hospital, October 1999
223. Fifth Kuwait Heart Foundation Cardiology Symposium. January 2000
224. DuPont Canada/Detroit Lecture Tour, February 2000.
 - (1)"Risk Stratification and role of N/C, Cardiology Rounds in Hopital Laval Quebec City
 - (2)"Risk Stratification of pts post-MI & with CHF, Cardio-Respiratory Rounds in McGill University.
 - (3)"Risk Stratification in ischaemic cardiomyopathy", Western Division Medical Grand Rounds in Toronto Hospital.
 - (4)"Clinical Cases and how N/C was useful", Cardiology/Medical Resident Teaching Rounds in St Michael's Hospital.
 - (5) "Nuclear vs Echo evaluation of LV function in terms of clinical situations", Cardiology Research Rounds in Sunnybrook Hospital.
 - (6) "The Clinical Relevance of risk stratifying patients with CAD or IHD; How myocardial Perfusion agent choice affects patient management",
Symposium in Quebec City.
Symposium in South Shore of Montreal Hospitals.
Symposium in Greater Toronto Area.
Nuclear Cardiology Rounds in Ottawa.
 - (7) DuPont Symposia in Detroit " The clinical relevance of risk stratifying patients with
CAD or IHD; How myocardial perfusion agent choice affects patient management".
225. NT-proBNP in heart failure, " Therapy monitoring with NT-proBNP in MF 4393 (Cavedilol vs Captopril), Monte Carlo (February 2000).
226. Cardiology and Diabetes Study Day: "Risk Stratification for the Patient with Chest Pain: Added Value of Functional Imaging" G.P. Lecture, (Clementine Churchill Hospital, March 2000).

227. The Role of Nuclear Cardiology in Risk Stratification of Ischaemic Artery Disease, Rome, Italy. (May 2000).
228. DuPont European Workshop "New insights into myocardial perfusion imaging: Adding value in diagnosis and management decision making", Paris, France, (May 2000).
229. IV International Meeting. Nuclear Cardiology Today 2000 & Beyond, Cesena, Italy (May 2000).
230. G.P. Lecture, Central Middlesex Hospital. "Cardiac Remodelling: Clinical risk, Diagnosis and Treatment" (June 2000).
231. DuPont Cardiology Symposium, Federation of Tamil Sangams of North America and The Association of American Physicians from South Asia. Tampa, Florida, USA. (July 2000)
232. International Society of Heart Failure Inc. 7th World Congress on Heart Failure - "Mechanisms & Management ". Vancouver, Canada, (July 2000)
233. DuPont Canada/Detroit Lecture Tour, October 2000
234. Symposium on Contrast Echocardiography and Sonovue, Bracco Workshop, "Reflecting the Future of Contrast Ultrasound", Cannes, France, February 2001
235. Syncor Meeting, "The Clinical Impact of Nuclear Cardiology As A Gatekeeper For Ischemic Heart Disease Management", Bahamas, USA, March 2001
236. The 65th Annual Scientific Meeting of Japanese Circulation Society - Kyoto, Japan, March 2001
237. Carvedilol heart Failure Symposia, Role of Carvedilol in Ischaemic Heart Disease and Heart Failure, Shanghai
238. Training Day for SpR's in Cardiology: Current Imaging Techniques Using EBCT. St Bartholomew's Hospital, London, March 2002
239. Nuclear Cardiology Review: Lectures in Albuquerque, New Mexico and UCI, Orange County, USA, April 2001
240. ICNC 5, Vienna, Austria, May 2001
 (1) DuPont Symposia, Chairman
 (2) Myocardial Imaging in Acute Chest Pain (lecture)
 (3) Chair- moderated poster
241. Syncor Lecture Tour in Nuclear Cardiology and Grand Rounds, June 2001
 New York, Allan Town, Cincinatti, Chicago, Miami, Tampa, Dallas, Houston, Sacramento, San Francisco, USA.
242. American College of Cardiology: Cardiology Update 2001, Carmel, USA.
 What is the Role of Perfusion Imaging in Ischaemic Cardiomyopathy?

243. Nuclear Cardiology "State of the Art" Lecture, October 2001, San Diego, USA.
244. "Utilizing B-adrenergic blockade in CHF patients after hibernation of myocardial infarction: Dilatred Satellite Lecture via videolink, London, April 2002
245. A new era in diagnosis and management of coronary atherosclerosis: PGEA Seminar: The Wellington Hospital, London, May 2002
246. The Role of Cardiac Imaging in Risk Stratification in Coronary: Royal Society of Medicine, London, 11 September 2002
247. The Role of Electron Beam CT and early detection of atherosclerosis: The genesis of coronary calcium, Electron Beam CT symposia, New Orleans, 19-21 September 2002
248. The Clinical Implication of the LIFE Trial: MSD GP meeting, 25 September 2002.
249. The Role of Electron Beam CT in coronary artery disease: Pfizer film, Wellington Hospital, 27 September 2002
250. The Evolving New Concepts in Nuclear Cardiology: Guest Lecture, Brompton Hospital (Chair: Dr Naidoo), October 2002
251. Early detection of coronary artery disease: GP Lecture, Wellington Hospital, 20 November 2002
252. Clinical experience with EBCT Imaging in asymptomatic patients with risk factors: Presentation at the EBEAT Trial Update Meeting, Frankfurt, 26 November 2002
253. Coronary heart disease in the Asians: Role of EBCT in early detection: Lions Club Lecture, Elstree Gold Club, 04 December 2002
254. Early detection of coronary disease in asymptomatic patient with risk factors: The role of Electron Beam CT: GP Lecuture, Liverpool Street Medical Centre, 07 December 2002
255. Detection of silent coronary artery disease: Combined use of EBCT and nuclear imaging: Invited Lecture, Birla Heart Hospital, Calcutta, 16 December 2002
256. NICE Guidelines for Nuclear Cardiology: National meeting, Aylesbury, 25 January 2003
257. Risk stratification in coronary artery disease: New methods of detection of coronary atherosclerosis: Takeda GP meeting, Kingsbury, 26 March 2003
258. Role of Electron Beam CT in early detection of coronary disease: Case presentation, NPH Grandrounds, 27 March 2003
259. Hypertension to heart failure: The continuum: Takeda GP Meeting, Wembley, 18 June 2003
260. Risk stratification in patients with suspected coronary artery disease: Evolving concepts, GP Meeting, Wellington Hospital, 02 June 2003

261. Nuclear cardiology: Chairman, EANM, Amsterdam, 25 August 2003
262. Risk stratification of coronary disease with EBCT and Nuclear Imaging: Invited Lecture, ESC, Vienna, 01 September 2003
263. Molecular imaging: Chairman, ASNC, Indianapolis, 13 September 2003
264. Early detection and risk stratification in coronary artery disease: Guest lecturer, Russian Cardiac Society, St Petersburg, Russia, 28 September 2003
265. BMS Advisory Board in Nuclear Cardiology, Washington DC, 15 October 2003
266. Hibernating myocardium and the CHRISTMAS trial: Clinical implications and cardiac imaging: Guest lecture, International Conference of Coronary Artery Disease, Florence, 21 October 2003
267. Nuclear Cardiology: Lunch-time Symposium: Meet with the experts: American Heart Association, Orlando, 12 November 2003
268. Clinical relevance of the EUROPA trial: Servier GP lecture, Harrow, 18 November 2003
269. Early detection of atherosclerosis in Asians: Role of EBCT: Pfizer Advisory Board, Coronary artery disease in South East Asians, Birmingham, 20 November 2003.
270. Implications of NICE guidelines in Nuclear Cardiology: BMS House Lecture, 27 November 2003
271. New trials in Nuclear Cardiology: Guest lecture, BNCS, Brompton Hospital, (Drs Anand and Sabarwal won 1st and 2nd prize for abstract presentation) 02 December 2003
272. Hypertension to heart failure: Risk management in high risk patients: Servier Meeting, Edgware, 13 February 2004
273. The total ischaemic burden – The role Nuclear Cardiology: Guest lecture, Hellenic Society of Nuclear Cardiology, Thessaloniki, 21 February 2004
274. MIBG heart failure trial meeting: Amersham, Amsterdam, 26-27 February 2004
275. The epidemic of coronary artery disease: Guest lecture, YPO London Chapter, Royal College of Surgeons, 03 March 2004
276. Coronary artery disease: Risk in South East Asians: Guest Lecture, Lions Club, Edgware, 16 March 2004
277. Heart of the matter – The link between hypertension, diabetes & coronary heart disease: Takeda Meeting, Wellington Hospital, 18 May 2004
278. Early detection of CAD in asymptomatic diabetics: Guest Lecture, IST Clinical Research, Mannheim, Germany, 21 May 2004

279. Nuclear Cardiology – Forward Vision in Imaging – Satellite Symposium, Chairman, Nuclear Cardiology Today-2004, Cesena, Italy, 10-11 June 2004
- Invited Lecture: “Which is the best stressor for risk-stratification for Nuclear Cardiology today” 2004, Cesena, Italy, 10-11 June 2004
280. Myocardial perfusion imaging: An introduction to the techniques and current use. Global Dialogue on the Evaluation of Cardiovascular Risk in Patients with Diabetes; Britol-Myers Squibb Meeting, Amsterdam, 09-10 July 2004
281. NICE Guidelines for Nuclear Cardiology: National meeting, Pennyhill Park, Bagshot, 03 July 2004
282. Assessment of viability in patients with ischaemic cardiomyopathy – Does it aid in clinical decision making? Guest Lecture: Portuguese Society of Cardiology, Lisbon, 25 September 2004.
283. All patients with cardiomyopathy should have coronary angiography: Controversies in clinical cardiology and cardiac imaging Plenary Session III, Guest Lecture: ASNC, New York, 03 October 2004
284. Lessons from the CHRISTMAS and acute heart failure trials. Guest Lecture: 8th Asia & Oceania Congress, Beijing, China, 10 October 2004.
285. Diabetes & silent myocardial ischaemia. Guest Lecture: 8th Asia & Oceania Congress, Beijing, China, 10 October 2004.
286. Risk stratification in nuclear cardiology, Guest Lecture: BMS, Bangkok, 14 October 2004
287. Advantages of gated SPECT for diagnosis and risk stratification of coronary heart disease and heart failure. Guest Lecture: BMS, Taipei, Taiwan, 16 October 2004.
288. The use of coronary imaging in asymptomatic high-risk patients. Guest Lecture: Zaret Symposium, New Haven, New York 26 October 2004.
289. Heart Failure: Pharmacological Therapy: Novel Agents. Moderating Session: AHA, New Orleans, 10 November 2004
290. Developments in nuclear cardiology and other imaging modalities. Chairing; BNCS, Royal Brompton, London, 07 December 2004
291. Electron Beam Tomography – Visualising the Plaque. Guest Lecture: Fournier Cardiovascular Risk Forum, Guildford, 03 March 2005
292. Early Detection of Sub-Clinical Coronary Atherosclerosis in Type II Diabetes using Coronary Calcium Imaging – Comparison with Myocardial Perfusion Imaging, Inflammatory Markers and Cardiac Events. Guest Lecture. 20th International Meeting on Clinical Cardiology, Athens, 05 May 2005.
293. International Conference of Nuclear Cardiology, Lisbon, May 2005
Evaluation of viability; Chairman. 10 May 2005

Coronary calcium, silent myocardial ischaemia and inflammatory biomarkers in asymptomatic type II diabetic subjects without prior cardiovascular disease. – Guest speaker, 11 May 2005

Cost effectiveness of nuclear cardiology in patients with known or suspected CAD: What do the data show. Presenter – “Late breaking session”, 11 May 2005

Evidence based guidelines. Guest Speaker – 11 May 2005

294. Early detection of asymptomatic coronary artery disease in Type II diabetes: A prospect study of combined use of Electron Beam CT and Tc-99m sestamibi gated SPECT. Guest Lecture – International Academy of Cardiology, Vancouver, July 2005.
295. The role of imaging technologies in diabetes, metabolic syndrome and cardiovascular disease, Predict. New York, Healthcare 2015 Leadership Forum, Sponsored by GE.
296. Nuclear Imaging in patients with chronic heart failure of unknown etiology. Read with the expert, ASNC, Seattle, September 2005.

Evaluation and management of patients with heart failure – Nuclear imaging in patients with chronic heart failure of unknown aetiology. ASNC, Seattle, September 2005.

Heart failure due to ischaemic heart diseaseEpidemiology. State of the art lecture. ASNC, Seattle, September 2005.

297. Acute chest pain: evaluation of competing modalities. Consultants' Meeting on Role of Myocardial Perfusion Imaging in Acute Chest Pain, International Atomic Energy Agency, Vienna, 28-30 November 2005.
298. Role of noninvasive cardiac imaging in the assessment of patients with intermediate risk of significant coronary artery disease – Grand Rounds, Royal Free Hospital, 31 March 2006.
299. The prognostic value of myocardial viability in patients with heart failure and myocardial infarction. BMS Satellite Symposia, Egyptian Society of Cardiology, Cairo, 21 February 2006.

The combined role of cardiac CT and myocardial perfusion imaging in risk stratification in asymptomatic diabetic patient. BMS Satellite Symposia, Egyptian Society of Cardiology, Cairo, 21 February 2006.

300. Coronary calcium scoring to predict risk – British Cardiac Society, BNCS Symposium, Glasgow, 25 April 2006
301. Grand Rounds Lecture, Rome, 2 May 2006
302. The role of myocardial perfusion SPECT in diabetes mellitus and metabolic syndrome ASNC, Montreal, Canada, September 2006.

303. Electron Beam CT; British Institute of Radiology, Cardiac imaging – from start to finish; Nottingham, 9 October 2006
304. Use of CT/SPECT Model for evaluating patients referred to the chest pain clinic ...”How does this apply to the general practices in East London and Essex”. Chairman: Professor Ram Dhillon. Attended by two PCT representatives – Newham Primary Care Trust and North East London Trust – Wellington Hospital, 25 October 2006
305. Grand Round Lecture: The Role of atherosclerosis imaging in risk stratification and disease progression in asymptomatic diabetic patients, University of Virginia, Charlottesville, USA. 16 November 2006
306. Recent trends in Nuclear Cardiology – impact on the community – Cardiology Consultants of Rockland, New York, 17 November 2006
307. The value of EBCT Scanning in Screening for coronary disease – MSD-SP Cardiology Strategic Advisory Board, Leamington Spa, 29 November 2006
308. Imaging high risk elderly patients – ICNC,Prague, 02 May 2007
309. The main clinical questions in heart failure – ICNC, Prague, 02 May 2007
310. Role of Dual Imaging CT SPECT for Risk Stratification – ICCAD, Venice, Italy, 09 October 2007
311. New Non-Invasive Methods, ICCAD, Venice, Italy, 09 October 2007 – Chair
312. New Advances in Cardiac CT, Royal Society of Medicine, 15 October 2007
313. How to Image Special Populations, - How to Session, American Heart Association, Orlando, USA, 06 November 2007
314. Non-invasive investigations – CAD: Investigations, A Master class on Chest pain and coronary heart disease, one-day symposium, Central Middlesex Hospital, London, 07 June 2008
315. Imaging DYS: Dysfunction and dyssynchrony with Mary Walsh, Moderator American Society of Nuclear Cardiology, Boston, USA September 2008
316. Nuclear imaging in diabetics – upcoming results from the BARI 2-D trial American Society of Nuclear Cardiology, Boston, USA September 2008
317. Cardiometabolic + non invasive cardiology imaging, Postgraduate diploma in cardiology, Workshop, Wellington Hospital, London, September 2008
318. Diabetes/metabolic syndrome, Session: Management of Ischemic Heart Disease in High Risk Populations, American Heart Association, New Orleans, USA, November 2008

319. Cardiac Imaging; Hampstead medical Society, Hampstead, London November 2008
320. 9th Asia Oceania Congress of Nuclear Medicine and Biology, New Delhi, India Nov 4th, 2008
321. Grand Round, "Management of IHD in the High Risk Population", Royal Brompton Hospital, London, 28 January 2009
322. GP Symposium – Diabetes & Cardiovascular Risk – New Insights : Diabetes: A potential death sentence due to coronary artery disease: How we can and should detect and manage it before the calamity, Hadley Woods, Herts, 07 May 2009
323. Opening plenary session: State of the art cardiovascular imaging, Co-Chair, International Congress of Nuclear Cardiology, 11 May 2009
324. Heart failure: Present and future role of imaging; Chair, International Congress of Nuclear Cardiology, 11 May 2009
325. Cardiac resynchronisation and imaging; Chair, International Congress of Nuclear Cardiology, 12 May 2009
326. Evolving concepts in early diagnosis & management of coronary heart disease in diabetic subjects: Role of cardiac CT, Hong Kong, 18 May 2009
327. Cardiovascular molecular imaging: Evolving role of dual-source, dual-energy cardiac CT: Synergistic value of myocardial perfusion imaging, 17th Asian Pacific Congress of Cardiology, Kyoto, Japan, 21 May 2009
328. GP Symposium - Diabetes & Cardiovascular Risk – New Insights: Diabetes: A potential death sentence due to coronary artery disease: Early detection and management of coronary disease in the diabetic patients – new concepts and techniques. Camden, London, 23 June 2009
329. Synergistic value of dual-source cardiac CT and myocardial perfusion imaging; Nuclear Cardiology Meeting, Hainan, China, 18 September 2009
330. Synergistic value of dual-source cardiac CT and myocardial perfusion imaging; Grand Round; NYU Hospital, New York, 29 September 2009
331. CT Track: Great debates in cardiac CT (Advanced); Moderator; American Society of Nuclear Cardiology; 03 October 2009
332. Independent Doctors Forum, "Evolving Role of Cardiac CT in the Management of Coronary Artery Disease"; London, 07 October 2009

333. Future of nuclear cardiovascular imaging in the era of multimodality imaging; Homibhabha Oration, 7th Biennial Conference of Nuclear Cardiological Society of India, Mumbai, India 14 November 2009
333. Emerging role of cardiac CT in early detection and management of CAD Synergistic value of combined SPECT imaging; Nuclear Cardiology Society of India; Mumbai, India; 15 November 2009
334. Nuclear cardiology in patients with heart failure – Clinical significance of detecting hibernating myocardium in heart failure; Nuclear Cardiology Society of India; Mumbai, India; 15 November 2009
335. Role of CT in early diagnosis of coronary artery disease
GP Meeting, Evergreen Surgery, Haringey, London 22 February 2010
336. Early Diagnosis of coronary artery disease
GP Meeting: Rutland House Practice, Muswell Hill, London, 24 February 2010
337. New imaging role in early diagnosis of coronary artery disease
GP Meeting, The Vale Practice, Crouch End, London 26 February 2010
338. Emerging role of cardiac CT in early diagnosis of coronary artery disease
GP Meeting, Tottenham, London, 16 March 2010
339. Integration of CT with nuclear imaging: Relevance in clinical practice. Reader. American Society of Nuclear Cardiology, Philadelphia, USA, 25 September 2010
340. Diabetes and heart disease, Sulabh International Social Service Organisation, New Delhi, 21 November 2010
340. Combined CT angiography & myocardial perfusion imaging. All India Institute of Medical Sciences, New Delhi, 22 November 2010.
341. Combined CT angiography & myocardial perfusion imaging, Max Super Specialist Hospital, New Delhi, 22 November 2010
342. This house believes that there is no need for cardiac CT in the non-invasive investigation of known or suspected coronary disease. British Nuclear Cardiology Society, National Heart & Lung Institute, London 29 November 2010
343. Seeing into the future: Prognostication with CT; Chairperson
Welcome Institute; 10 March 2011
344. The changing role of Cardiac Imaging in early and cost-effective diagnosis of Chest Pain
GP Seminar, Wellington Hospital, 06 April 2011
345. Selecting the right imaging for the right patient – a clinician's perspective
International Congress of Nuclear Cardiology, 17 May 2011
346. Will the real Nostradamus please stand up? Chairperson
International Congress of Nuclear Cardiology, 18 May 2011

347. New Diagnostic and Imaging Techniques - ICCAD 2011, 25 October 2011
348. New Diagnostic and Imaging Techniques – Chairperson
ICCAD 2011, 25 October 2011
349. “30 years of the BNCS”,
British Nuclear Cardiology Society London, 05 December 2011

ABSTRACTS AND PROCEEDINGS OF SYMPOSIA:

1. Lahiri A, Raftery EB, Millar Craig MW.
Exercise induced ST segment elevation and left ventricular aneurysms.
Proceedings of Symposium of Exercise Electrocardiography, Birmingham, UK (1978)
2. Lahiri A, Raftery EB, Wilkins R.
Correlation of coronary arteriography, left ventricular angiography and graded treadmill exercise testing in the diagnosis of left ventricular aneurysms.
Proceedings of European Society of Cardiovascular Radiology, Florence (1978)
3. Lahiri A, Millar Craig MW, Newman R, Bala Subramanian V, Raftery EB.
Exercise induced ST segment elevation following myocardial infarction.
Proceedings of the viiith World Congress of Cardiology, Tokyo, Japan (1978)
4. Lahiri A, Millar Craig MW, Newman R, Bala Subramanian V, Crawley J, Raftery EB.
Exercise induced ST elevation and localised dyskinesia following myocardial infarction.
Vith International Congress on Electrocardiology, Glasgow, Scotland (1980)
5. Bala Subramanian V, Lahiri A, Raftery EB, Kaye I, Stott F.
Ambulatory ST-segment monitoring problems, pitfalls and solutions.
British Heart Journal 1979; 42: 231
6. Lahiri A, Bala Subramanian V, Crawley JCW, Raftery EB.
Exercise induced ST-segment elevation and serial exercise thallium-201 scintigraphy in patients with previous myocardial infarction.
European Journal of Nuclear Med 1979; 4: 2, 113
7. Lahiri A, Bala Subramanian V, Raftery EB.
Sudden death during ambulatory monitoring.
International Symposium of Ambulatory Monitoring, Harrow, Middx. UK (1979)
8. Bala Subramanian V, Lahiri A, Raftery EB.
Ischaemic heart disease and ambulatory monitoring.
International Symposium of Ambulatory Monitoring, Harrow, Middx. UK (1979)
9. Lahiri A, Bala Subramanian V, Raftery EB.
Sudden death: A report of clinical and electrocardiographic evaluation in three cases.
Proceedings of International Symposium of Biotelemetry, Erlangen, W. Germany (1979)
10. Bala Subramanian V, Lahiri A, Raftery EB.
The role of ambulatory ST segment monitoring in ischaemic heart disease.
Proceedings of International Symposium of Biotelemetry, Erlangen, W. Germany (1979)
11. Lahiri A, Bala Subramanian V, Raftery EB.
Exercise induced variant angina and the incidence of sudden death during ambulatory monitoring.
Symposium of Coronary Artery Spasm (European Society of Cardiology) Lille, France (1979)

12. Bala Subramanian V, Lahiri A, Raftery EB.
Verapamil in chronic stable angina - controlled study with quantified treadmill exercise and computer analysed ST changes.
British Heart Journal, (1980)
13. Lahiri A, Bala Subramanian V, Raftery EB.
Scintigraphic evaluation of exercise induced ST segment elevation following myocardial infarction.
Proceedings of the Joint Meetings of MRC and CRC Cardiovascular Division, January (1980)
14. Raftery EB, Bala Subramanian V, Lahiri A.
Evaluation of atypical angina by frequency modulated ambulatory ST segment recordings.
Viiiith European Congress of Cardiology, Paris; Pub. S. Karger Ag, Basle, Switzerland: 1940, 161, (1980)
15. Bala Subramanian V, Lahiri V, Paramasivan R, Bowles MJ, Raftery EB.
Long term effect of verapamil in angina - study by serial treadmill tests.
Iiird Asian Congress of Cardiology, Singapore, (1980)
16. Lahiri A, Bala Subramanian V, Raftery EB.
The effect of disopyramide on ventricular arrhythmias during treadmill exercise testing.
Iiird Asian Congress of Cardiology, Singapore, (1980)
17. Lahiri A, Bala Subramanian V, Millar Craig MW, Raftery EB.
Dual aetiology of exercise induced ST segment elevation.
Viith International Congress on Electrocardiology, Lisbon, Portugal, (1980)
18. Millar Craig MW, Mann S, Bala Subramanian V, Lahiri A, Raftery EB.
Effects of dynamic exercise on blood pressure in essential hypertension.
Congress on Exercise Electrophysiology and Rehabilitation, Birmingham, England (1980)
19. Lahiri A, Bala Subramanian V, Millar Craig MW, Davies AB, Raftery EB.
Dual mechanism of exercise induced ST segment elevation.
Xiith World Congress of Angiology, Athens, Greece, (1980)
20. Bala Subramanian V, Lahiri A, Paramasivam R, Raftery EB.
Assessment of antianginal drugs by a quantitative treadmill protocol.
Proceedings of the Second Joint Meeting of the Working Groups of the European Society of Cardiology, Pavia, (1981)
21. Lahiri A, Sonecha TN, Crawley J, Bala Subramanian V, Raftery EB.
Is exercise-induced pulmonary ²⁰¹Tl uptake in post-infarction patients a sensitive prognostic index?
Clinical Science 1981; 62: 37

22. Lahiri A, Crawley JCW, Spencer J, Jones G, Raftery EB.
Increased thallium - 201 lung activity following exercise myocardial scintigraphy: A sensitive indicator of heart failure.
Proceedings of the Indian Cardiac Society, New Delhi (1981)
23. Sonecha TN, Lahiri A, Crawley JCW, Raftery EB.
Radionuclide assessment of LV function in hypertensive patients by isometric handgrip and cold pressor test.
Nuclear Medicine Communications 1982; 3: 2, 118
24. Lahiri A, Crawley J, Spencer J, Raftery EB.
Quantitative analysis of lung uptake of 201 Tl in patients with coronary artery disease undergoing exercise 201 Tl imaging.
Nuclear Medicine Communications 1982; 3: 2, 131
25. Lahiri A, Sonecha TN, Spencer J, Gould BA, Raftery EB.
The effect of sustained isometric handgrip on left ventricular ejection fraction in hypertensive patients.
Proceedings of European Society of Cardiology; Working Group on Use of Isotopes in Cardiology; Symposium on Nuclear Cardiology, (1982)
26. Lahiri A, Sonecha TN, Spencer J, Crawley JCW, Raftery EB.
Improved sensitivity of detecting coronary artery disease using quantitative analysis of exercise lung uptake of Thallium - 201.
Proceedings of European Society of Cardiology; Working Group on Use of Isotopes in Cardiology; Symposium on Nuclear Cardiology, (1982)
27. Lahiri A, Sonecha TN, Crawley JCW, Raftery EB.
Efficacy of sustained release buccal nitroglycerin in patients with ischaemic cardiomyopathy.
Clinical Science 1982; 63: 38-39
28. Lahiri A, Sonecha TN, Crawley JCW, Veall N, Raftery EB.
Reduction of ejection fraction with sustained isometric handgrip in hypertensive patients with left ventricular hypertrophy.
Journal of Nuclear Medicine 1982; 23: 5, 81
29. Lahiri A, Bowles MJ, Jones R, Crawley JCW, Sonecha TN, Cooper, WD, Raftery EB.
The effect of buccal nitroglycerin on exercise-induced left ventricular dysfunction in patients with chronic stable angina: objective assessment by means of a non-imaging nuclear probe.
Proceedings of the International Symposium of the 'Modern Concepts in Nitrate Delivery Systems', Royal Society Medicine, (1982)
30. Lahiri A, Sonecha TN, Crawley JCW, Raftery EB.
Improvement in congestive cardiac failure with a buccal nitroglycerin formulation.
Proceedings of the International Symposium on 'Modern Concepts in Nitrate Delivery Systems', Royal Society of Medicine, (1982)

31. Bowles MJ, Lahiri A, Jones R, Cooper WD, Raftery EB.
Diastolic dysfunction in chronic stable angina. Intra-exercise comparison of abnormal impedance waveform with change in ejection fraction and diastolic filling.
Clinical Science 1983; 64: 31 P
32. Jones R, Lahiri A, Bowles MJ, Raftery EB.
The relative value of cold stress isometric handgrip and maximal dynamic exercise for eliciting left ventricular dysfunction following myocardial infarction.
Clinical Science 1983; 64: 46-47P
33. Sonecha TN, Lahiri A, Crawley JCW, Cooper WD, Raftery EB.
Correlation between left ventricular segmental wall motion abnormalities and global ejection fraction.
Clinical Science 1983; 64: 47P
34. O'Hara MJ, Lahiri A, Crawley JCW, Altman DG, Raftery EB.
Improved prediction of coronary artery disease by combined thallium 201 scintigraphy and multiple variable stress electrocardiography.
Nuclear Medicine Communications 1983; 4, 147
35. Lahiri A, Bowles MJ, Jones RI, Crawley JCW, Veall N, Raftery EB.
Intra-exercise haemodynamic monitoring in patients with coronary artery disease: A new application of the non-imaging nuclear probe.
Nuclear Medicine Communications 1983; 4, 147
36. Lahiri A, Crawley JCW, Veall N, Raftery EB.
A miniature Mercuric Iodide detector compared with a Sodium Iodide detector for monitoring left ventricular function.
Nuclear Medicine Communications 1983; 4, 147
37. Nuclear probe assessment of peak filling rate in patients with coronary artery disease during dynamic exercise.
Lahiri A, Jones RI, Bowles MJ, Cooper WD, Crawley JCW, Raftery EB.
Proceedings of the European Society of Cardiology, Working group of Isotopes in cardiology, Rotterdam, (1983)
38. Lahiri A, Sonecha T, Gould B, Crawley JCW, Raftery EB.
Effect of methyldopa on LV dysfunction in hypertensive patients with LV hypertrophy.
European Heart Journal 1983; 4: 103
39. Jones RI, Lahiri A, Bowles M, Crawley JCW, Raftery EB.
The effect of maximal exercise on left ventricular ejection fraction following myocardial infarction.
European Heart Journal 1983; 4: 64
40. Lahiri A, Crawley JCW, Jones RI, Bowles M, Veall N, Raftery EB.
A miniature solid-state mercuric iodide probe detector for monitoring left ventricular performance.
Clinical Science 1983; 65: 2P

41. Lahiri A, Jones RI, Bowles M, Crawley JCW, Raftery EB.
Systolic and diastolic left ventricular function during dynamic exercise in patients with chronic stable angina: A new application for the non-imaging nuclear probe.
European Journal of Nuclear Medicine 1983
42. Jones RI, Lahiri A, Bowles MJ, Crawley JCW, Raftery EB.
Left ventricular function during dynamic exercise following myocardial infarction: Relative effect of infarct location and electrocardiographic response to stress.
Clinical Science 1983; 65: 3, 46P
43. Lahiri A, Bowles MJ, Jones RI, Raftery EB.
Assessment of the effects of sustained release buccal nitroglycerin on diastolic function in coronary artery disease.
Proceedings of the II World Congress on Clinical Pharmacology and Therapeutics, Washington (1983)
44. Bowles MJ, Lahiri A, Jones RI, Sonecha TN, Crawley J, Raftery EB.
Modification of odz/dt by buccal nitroglycerin in exercise angina.
VI International Conference on Electrical Bio-Impedance (1983)
45. Bowles MJ, Lahiri A, Jones RI, Sonecha TN, Crawley JCW, Raftery EB.
Correlation of odz/dt with LVEDP and EF in induced angina.
VI International Conference of Electrical Bio-Impedance (1983)
46. Lahiri A, Bowles MJ, Jones RI, Raftery EB.
Nuclear stethoscope determined LV function changes during stress atrial pacing with coronary artery disease: Evaluation of buccal nitroglycerin response.
Proceedings of the 3rd Asian Pacific Congress of Cardiology, (1983)
47. Lahiri A, Bowles MJ, Jones RI, Crawley JCW, Raftery EB.
Measurement of systolic and diastolic LV function during dynamic exercise in patients with coronary artery disease.
Proceedings of the 3rd Asian Pacific Congress of Cardiology, (1983)
48. Perrins EJ, Hudson WM, Lahiri A, Crawley JCW, Sutton R, Raftery EB.
Randomised controlled study of DDD and incremental VVI rate responsive pacing.
Journal of American College of Cardiology 1984; 3: 507
49. Lahiri A, Zanelli GD, Bowles MJ, Jones RI, Barker M, Crawley JCW, De Jong R, Raftery EB.
Simultaneous assessment of left ventricular function and regional myocardial perfusion at rest and exercise using Gold-195m and Thallium-201.
Clinical Science 1984; 66: 2, 3P
50. Jones RI, Lahiri A, Cashman PMM, Dore C, Crawley JCW, Raftery EB.
Continuous measurement of left ventricular ejection fraction during isometric handgrip and cold stress in normal subjects. An assessment of response and reproducibility.
Clinical Science 1984; 66: 2, 27P

51. Lahiri A, Zanelli GD, Cave A, Bowles MJ, O'Hara M, Barker M, Raftery EB.
Ultra short-lived ^{195m}Tl and ²⁰¹Tl for serial evaluation of LV function and myocardial perfusion.
Nuclear Medicine Communications 1984; 5: 264
52. Cashman PMM, Jones RI, Crawley JCW, Lahiri A, Raftery EB.
Continuous left ventricular ejection fraction measurement using a microcomputer to assist the nuclear stethoscope.
Nuclear Medicine Communications 1984; 5: 264
53. O'Hara MJ, Lahiri A, Crawley JCW, Raftery EB.
Can thallium imaging predict the severity of coronary artery disease?
Nuclear Medicine Communications 1984; 5: 262
54. Zanelli GD, Lahiri A, Cave APD, Barker M, O'Hara M, Raftery EB.
Gold first pass angiography using a single crystal gamma camera: Technical considerations.
Nuclear Medicine Communications 1984; 5: 259
55. O'Hara MJ, Lahiri A, Raftery EB.
Exercise-induced left ventricular dysfunction precedes ST segment depression in patients with angina: a non-imaging nuclear probe study.
Nuclear Medicine Communications 1984; 5: 265
56. Bowles MJ, Lahiri A, Jones RI, Raftery EB.
Application of the non-imaging nuclear probe for left ventricular function assessment during atrial pacing in coronary artery disease.
Nuclear Medicine Communications 1984; 5: 265
57. Lahiri A, Zanelli G, O'Hara M, Jones R, Bowles M, Cave A, Barker M, Crawley J, Raftery EB.
A single crystal gamma camera for the evaluation of simultaneous myocardial perfusion (²⁰¹Tl) and left ventricular function (^{195m}Tl).
European Journal of Nuclear Medicine 1984; 9: A17
58. Robinson C, Lahiri A, Tovey J, Cashman P, Raftery EB.
A technique for measuring rapid changes in left ventricular function in patients with heart failure during acute pharmaceutical intervention.
European Journal of Nuclear Medicine 1984; 9: A38
59. Lahiri A, Robinson C, Tovey J, Kohli RS, Caruana M, Raftery EB.
Improvement in systolic and diastolic LV function in patients with chronic congestive heart failure treated with nicardipine.
Clinical Science 1984; 67: 1P
60. O'Hara MJ, Jones RI, Lahiri A, Crawley JCW, Raftery EB.
Dissociation between the onset of left ventricular dysfunction and ST segment depression during exertional myocardial ischaemia.
European Journal of Nuclear Medicine 1984; 9: A71

- 61 Lahiri A, Robinson C, Tovey J, Raftery EB.
Effects of IV and oral nicardipine on LV ejection fraction in patients with chronic heart failure.
Non-uniformity of contraction and relaxation: Antwerp and La Jolla Research Conference on Cardiac Function.
- 62 Lahiri A, Crawley JCW, Raftery EB.
Development of a miniature solid state detector for continuous monitoring of left ventricular volumes.
British Heart Journal 1984
- 63 Kohli R, Khurmi N, Bowles M, Lahiri A, Raftery EB.
Effects of placebo on indices of exercise induced myocardial ischaemia: an objective analysis.
British Heart Journal 1984
- 64 Jones R, Lahiri A, Raftery EB.
Improvement in exercise induced ST segment depression early after myocardial infarction.
British Heart Journal 1984
- 65 O'Hara MJ, Lahiri A, Khurmi NS, Bowles MJ, Duffy SW, Robinson CW, Raftery EB.
Transdermal nitroglycerin effective for the treatment of stable angina pectoris?
Journal of American College of Cardiology 1985; 5: 506
66. Jones R, Lahiri A, Raftery EB.
Does exercise induced ST segment depression improve early after myocardial infarction?
Journal of American College of Cardiology 1985; 5: 503
67. Lahiri A, Robinson C, Kohli RS, Caruana M, Raftery EB.
Acute effects of nicardipine on systolic and diastolic LV function in chronic heart failure.
12th Interamerican Congress of Cardiology, Vancouver, (1985)
68. Lahiri A, Bowles MJ, Whittington JR, Duffy S, Raftery EB.
A double blind trial of buccal nitroglycerin and intravenous isosorbide dinitrate in unstable angina.
12th Interamerican Congress of Cardiology, Vancouver, (1985)
69. Kohli RS, Cardiac MM, Hughes LO, Lahiri A, Raftery EB.
A double blind randomised comparative evaluation of bisoprolol and atenolol in angina pectoris.
12th Interamerican Congress of Cardiology, Vancouver, (1985)
70. Kohli RS, O'Hara MJ, Khurmi NS, Robinson CW, Lahiri A, Raftery EB.
Transdermal dose titration with multiple nitrate patches - an objective study in cases with angina pectoris.
12th Interamerican Congress of Cardiology, Vancouver, (1985)

71. Kohli RS, Khurmi NS, Kardash MM, Hughes LO, Lahiri A, Raftery EB.
Lack of correlation of blood nitrate levels with dose and exercise time in angina pectoris.
12th Interamerican Congress of Cardiology, Vancouver, (1985)
72. Kohli RS, Cashman P, Khurmi NS, Kardash MM, Lahiri A, Raftery EB.
Ambulatory monitoring of the ST segment and exercise testing in 105 healthy volunteers.
International Symposium of the Ambulatory Monitoring, Padua, Patologia Medica, Piccin, p105, (1985)
73. Lahiri A, Bowles MJ, Whittington JR, Duffy S, Raftery EB.
A double blind trial of buccal nitroglycerin and intravenous isosorbide dinitrate in unstable angina.
Cardiovascular Pharmacotherapy, International Symposium, Geneva, (1985)
74. Kohli RS, Khurmi NS, Kardash MM, Hughes LO, Lahiri A, Raftery EB.
Double blind randomised comparative evaluation of bisoprolol and atenolol in angina pectoris.
Cardiovascular Pharmacotherapy, International Symposium, (1985)
75. Kohli RS, Lahiri A, Raftery EB.
Effects of Nicardipine in patients with severe heart failure.
Cardiovascular Pharmacotherapy, International Symposium, (1985)
76. Kohli RS, Cashman P, Khurmi NS, Kardash MM, Lahiri A, Whittington J, Raftery EB.
ST-segment variability on ambulatory monitoring and treadmill exercise in normal healthy volunteers.
13th European Society for Non-invasive Cardiovascular Dynamics, Brescia, (1985)
77. Lahiri A, Bowles MJ, Whittington JR.
The nuclear stethoscope for measuring rapid temporal changes in LV volumes in patients with unstable angina.
13th European Society for Non-invasive Cardiovascular Dynamics, Brescia, (1985)
78. Lahiri A, Crawley JCW, Hinge D, Cashman PMM, Raftery EB.
A non-invasive method for beat-to-beat left ventricular ejection fraction measurement.
Clinical Science 69: 1P, (1985)
79. Lahiri A, Bowles MJ, Whittington JR, Duffy S, Raftery EB.
Haemodynamic effects of different nitrate delivery systems in unstable angina.
European Heart Journal 1985; 6: Suppl.1, 24
80. Rodrigues EA, Lahiri A, Raftery EB.
Improvement in diastolic dysfunction in ischaemic heart disease after treatment with calcium antagonists.
Clinical Science 1986; 70: Suppl.13, 6P
81. Kohli RS, Cashman PMM, Lahiri A, Raftery EB.
The 'False Positive' Exercise Response in normal people - does it indicate latent coronary artery disease?
Clinical Science 1986; 70: Suppl. 13, 7P

82. O'Hara MJ, Jones RI, Lahiri A, Raftery EB.
Rapid Onset of Left Ventricular Dilatation during dynamic exercise in patients with angina. Comparison with normal subjects.
Clinical Science 1986; 70: Suppl.13, 7P
83. Rodrigues EA, Kohli RS, Lahiri A, Raftery EB.
An objective evaluation of carvedilol, a new vasodilating beta blocker, in angina pectoris.
Clinical Science 1986; 70: Suppl.13, 54P-55P
84. Kohli RS, Kardash MM, Rodrigues EA, Khurmi NS, Lahiri A, Raftery EB.
Sustained release verapamil (360 mg) in angina pectoris - evaluation of effect after once-daily administration.
Journal of American College of Cardiology 1986; 7: 179A Suppl.
85. Rodrigues E, Lahiri A, Raftery EB.
An objective non-invasive method for detecting early diastolic dysfunction in patients with coronary artery disease.
British Heart Journal 1986; 55: 511
86. Hains ADB, Al-Khawaja I, Lahiri A, Raftery EB.
Variation in methods for calculating ejection fraction: A note of caution.
Nuclear Medicine Communications 1986; 7: 270
87. Rodrigues EA, Lahiri A, Raftery EB.
An automated method for assessing left ventricular diastolic function from radionuclide ventriculography.
Nuclear Medicine Communications 1986; 7: 271-272
88. Al-Khawaja I, Rodrigues EA, Hughes L, Lahiri A, Raftery EB.
Radioisotopic method for the measurement of velocity of circumferential fibre shortening in coronary artery disease.
Nuclear Medicine Communications 1986; 7: 270-271
89. Lahiri A, Cashman PMM, Crawley JCW, Smith P, Whittington J, Raftery EB.
Scintillation photodiode detectors for continuous left ventricular volume monitoring.
Nuclear Medicine Communications 1986; 7: 275
90. Caruana MC, Al-Khawaja I, Lahiri A, Raftery EB.
Non-invasive assessment of diastolic function in hypertension.
Nuclear Medicine Communications 1986; 7: 260-261
91. Lahiri A, Zanelli GD, Patel NM, Crawley JCW, Smith T, Raftery EB.
A ^{99m}Tc labelled phosphine for radionuclide angiography in man.
Nuclear Medicine Communications 1986; 7: 260-261

92. Lahiri A, Smith P.
Miniature scintillation detectors for left ventricular volume studies.
Proceedings of the Hospital Physicists Association; Symposium on Cardiac Function,
(1986)
93. O'Hara M, Jones RI, Lahiri A, Raftery EB.
Continuous ejection fraction measurement during dynamic exercise by the non-imaging
nuclear probe; relationship to ST-segment changes.
Irish Journal of Medical Science 1986; 155; 63
94. Caruana MP, Heber M, Brigden G, Lahiri A, Raftery EB.
The effects of a dopamine agonist, Fenoldopam, on LV function in hypertension.
Clinical Science 1986; 71: Suppl 15, 17p
95. Rodrigues EA, Lahiri A, Smith T, Crawley JCW, Raftery EB.
Xenon-127: A new isotope for the study of right ventricular function.
Clinical Science 1986; 71: Suppl, 4p-5p
96. Lahiri A, Caruana M, Brigden G, Cashman P, Raftery EB.
Haemodynamic variability in exercise-induced angina with ST-segment elevation.
Clinical Science 1986; 71: Suppl 15, 56p-57p
97. Lahiri A, Zanelli GD, Patel MN, Crawley JCW, Smith T, Raftery EB.
A new method for labelling plasma proteins with a ^{99m}Tc agent for radionuclide
Ventriculography in man.
Journal of Nuclear Medicine 1986.
98. Al-Khawaja I, Caruana MP, Lahiri A, Raftery EB.
Effects of verapamil and nifedipine on left ventricular contractility in hypertensive
patients.
10th World Congress of Cardiology, (1986)
99. Rodrigues EA, Lahiri A, Kholi RS, Raftery EB.
Comparison of verapamil and nifedipine in stable angina.
10th World Congress of Cardiology, (1986)
100. Carboni GP, Lahiri A, Raftery EB.
Silent ischaemia during daily life in patients with reproducible effort angina.
10th World Congress of Cardiology, (1986)
101. Lahiri A, Rodrigues EA, Al-Khawaja I, Kholi RS, Raftery EB.
Beneficial effects of Carvedilol on left ventricular function and myocardial ischaemia in
stable angina.
10th World Congress of Cardiology, (1986)
102. Kholi RS, Cashman PMM, Lahiri A, Raftery EB.
The ambulatory ST-segment in a normal population-variability and repeatability.
10th World Congress of Cardiology, (1986)

103. Zanelli GD, Lahiri A, Patel N, Crawley JCW, Smith T, Raftery EB.
A new Technetium - 99m labelled phosphine for blood pool imaging in man.
10th World Congress of Cardiology, (1986)
104. Cook N, Crawley JCW, Lahiri A, Smith T, Zannelli GD.
A new ^{99m}Tc phosphine-isocyanide complex for radionuclide ventriculography
In man.
Proceedings of the Physiological Society, 54P, C.37, (1986)
105. Rodrigues EA, Caruana MP, Lahiri A, Nabarro JDN, Jacobs HS, Raftery EB.
Evidence of left ventricular relaxation abnormality in patients with acromegaly.
British Heart Journal 1987; 57: 72
106. Carboni GP, Lahiri A, Cashman PMM, Raftery EB.
"Reperfusion" arrhythmias following ST-segment depression on ambulatory monitoring
in stable angina.
British Heart Journal 1987; 57
107. Rodrigues EA, Al-Khawaja IM, Lahiri A, Raftery EB.
An objective method for assessing right ventricular systolic and diastolic function in
patients with coronary artery disease.
British Heart Journal 1987; 57:107
108. Lahiri A, Rodrigues EA, Al-Khawaja IM, Raftery EB.
Improvement in left ventricular diastolic function in ischaemic heart disease with
carvedilol: A new vasodilating betablocker.
Circulation 1986; 74: Suppl. II, 192
109. Rodrigues EA, dasgupta P, Hains ADB, Lahiri A, Whittington JR, Raftery EB.
An objective evaluation of once-daily sustained-release verapamil (480 mg)
In chronic stable angina.
Clinical Science 1987; 72: Suppl. 16
110. Carboni G, Rodrigues EA, Hains A, dasgupta P, Lahiri A, Raftery EB.
Mechanism of action of celiprolol and atenolol in chronic stable ischaemic heart disease.
Clinical Science 1987; 72: Suppl. 16
111. Caruana M, Lahiri A, Heber M, Brigden G, Raftery EB.
Is digoxin useful in heart failure with sinus rhythm?
Clinical Science 1987; 72: Suppl. 16
112. Caruana M, Al-Khawaja I, Lahiri A, Hinge D, Raftery EB.
Evidence of right ventricular involvement in essential hypertension.
Clinical Science 1987; 72: Suppl. 16
113. Heber ME, Caruana M, Brigden G, Clarke G, Lahiri A, Raftery EB.
Diagnosis of chest pain in hypertensive patients.
Clinical Science 1987; 72: Suppl. 16

114. Rodrigues EA, Hains ABD, Lahiri A, Raftery EB.
Assessment of left ventricular function by radionuclide angiography: Effect of age.
Clinical Science 1987; 72: Suppl. 16
115. Rodrigues EA, Caruana MP, Lahiri A, Nabarra JD, Jacobs HS, Raftery EB.
Cardiac dysfunction in patients with acromegaly and hypertension.
Clinical Science 1987; 72: Suppl. 16, 8P
116. Zanelli GD, Cook N, Lahiri A.
Protein binding studies of ^{99m}Tc labelled myocardial imaging agents.
Clinical Science 1987; 72: Suppl. 16
117. O'Hara MJ, Lahiri A, Raftery EB.
Exercise Q wave changes in coronary patients and normals related to thallium redistribution.
Proceedings of the Nuclear Cardiology Symposia, Edinburgh, (1987)
118. Al Khawaja IM, Rodrigues EA, Lahiri A, Raftery EB.
Does exercise lung thallium uptake reflect underlying severity of myocardial disease following infarction.
Proceedings of the Nuclear Cardiology Symposia, Edinburgh, (1987)
119. Zanelli GD, Lahiri A, Brigden G, Cook N, Smith T, Crawley JCW, Ellison D.
Clinical tests of a new ^{99m}Tc-labelled one injection complex for radionuclide Ventriculography.
Proceedings of the Nuclear Cardiology Symposia, Edinburgh, (1987)
120. Rodrigues EA, Caruana MP, Lahiri A, Nobarow JD, Jacobs HS, Raftery EB.
Non-invasive assessment of cardiac function in acromegaly.
Proceedings of the Nuclear Cardiology Symposia, Edinburgh, (1987)
121. Lahiri A, Caruana M, Brigden G, Cashman P, Raftery EB.
Haemodynamic variability of the effects of nitrates in exercise-induced angina with ST-segment elevation.
Clinical Science 1987; 73: 8, (suppl 17), 65
122. Al-Khawaja I, Rodrigues EA, Heber ME, Lahiri A, Raftery EB.
Effects of post infarction ischaemic myocardium on exercise lung thallium-201 uptake.
Clinical Science 1987; 73: (Suppl. 17), p22-p23
123. Heber ME, Rodrigues EA, Al-Khawaja I, Lahiri A, Raftery EB.
Measurement of exercise ejection fraction is not a useful test in diagnosis of coronary artery disease.
Clinical Science 1987; 73: (Suppl. 17), p24-p25
124. Jain D, Lahiri A, dasgupta P, Hughes LO, Raftery EB.
RS-43285 (Syntex): A preliminary study of a unique antianginal agent.
Clinical Science 1987; 73: (Suppl.17), p38

125. Lahiri A, Zanelli GD, Brigden G, Smith T, Crawley JCW.
A new ^{99m}Tc-labelled compound for blood pool angiography.
Circulation 1987; 76: (Suppl IV), 203
126. Jain D, Lahiri A, Raval U, Crawley JCW, Bhattacharya S, Smith T, Zanelli GD, Raftery EB.
Extent of myocardial uptake of ¹¹¹In-monoclonal antimyosin antibody and ECG location of acute myocardial infarction.
British Heart Journal 1988; 59: 90
127. Hughes L, dasgupta P, Lahiri A, Raftery EB.
T-wave normalisation on exercise - A non-specific finding following myocardial infarction.
British Heart Journal 1988; 59: 93
128. Jain D, Lahiri A, Crawley JCW, Smith T, Bhattacharya S, Zanelli GD, Raval U, Raftery EB.
A sensitive scintigraphic method for detecting and localising myocardial necrosis in patients with acute myocardial infarction using In-111 monoclonal antimyosin antibodies.
Clinical Science 1988; 74: Supp 1
129. Jain D, Lahiri A, Raftery EB.
Evidence of subclinical myocardial necrosis in patients with unstable angina detected by In-111 antimyosin antibody imaging.
British Heart Journal 1988; 59: 631
130. Hughes LO, Heber ME, Lahiri A, Raftery EB.
Syncope in athletes - the role of the valsalva manoeuvre.
British Heart Journal 1988; 59: 624-625
131. Al-Khawaja IM, Lahiri A, Rodrigues EA, Raftery EA.
Clinical significance of painless ST-segment depression on exercise after myocardial infarction.
British Heart Journal 1988; 59: 635
132. Heber M, Lahiri A, Thompson FD, Raftery EB.
Autonomic, not left ventricular dysfunction is the cause of haemodialysis induced hypotension.
Journal of American College of Cardiology 1988
133. Heber ME, Rodrigues EA, Al-Khawaja IM, Lahiri A, Raftery EB.
Low diagnostic value of exercise radionuclide ejection fraction in coronary artery disease.
Nuclear Medicine Communications 1988; 9: 151
134. Hinge DA, Rodrigues EA, Raval U, Lahiri A, Raftery EB.
Comparison of acquisition frame rates for assessing LV function using gated blood pool angiography.
Nuclear Medicine Communications 1988; 9: 206

135. Al-Khawaja IM, Lahiri A, Hill ID, Raftery EB.
Non-invasive risk stratification after uncomplicated myocardial infarction.
Nuclear Medicine Communications 1988; 9: 152
136. Rodrigues EA, Heber ME, Lahiri A, Raftery EB.
The effect of coronary artery surgery on diastolic function in patients with chronic stable
angina.
Nuclear Medicine Communications 1988; 9: 153
137. Brigden GS, Zanelli GD, Lahiri A, Raftery EB.
DEPIC: A single bolus alternative to red-cell labelling for blood pool angiography.
Nuclear Medicine Communications 1988; 9: 168
138. Jain D, Lahiri A, Raval U, James C, Crawley JCW, Raftery EB.
Sensitivity and specificity of In-111 antimyosin for detection of acute myocardial
infarction.
Nuclear Medicine Communications 1988; 9: 148
139. Jain D, Lahiri A, Crawley JCW, Berger H, Raftery EB.
Significance of diffuse uptake of In-11 antimyosin in acute myocardial infarction.
Nuclear Medicine Communications 1988; 9: 163
140. Lahiri A, Cashman PMM, Broadhurst P, Crawley JCW, Raftery EB.
Continuous monitoring of left ventricular function and ST-segment monitoring with
portable equipment.
Nuclear Medicine Communications 1988; 9: 163
141. Hughes LO, Heber ME, Harries M, Lahiri A, Raftery EB.
Changes in cardiac output and peripheral vascular resistance during weight training in
athletes.
Clinical Science 1988; 75: Suppl, 3P
142. Rodrigues EA, Hains ADB, Lahiri A, Raftery EB.
Effects of combined beta blockade and calcium antagonists on myocardial ischaemia
and ventricular function in stable angina.
Clinical Science 1988; 75: Suppl, 6-7P
143. Rodrigues EA, Pelling J, Cashman PMM, Lahiri A, Raftery EB.
Is the proportion of silent to symptomatic myocardial ischaemia altered by coronary
artery by-pass surgery?
Clinical Science 1988; 75: Suppl, 6P
144. Rodrigues EA, Lahiri A, Pelling H, Raftery EB.
The importance of ambulatory heart rate in spontaneously occurring silent myocardial
ischaemia.
Clinical Science 1988; 75: Suppl, 6P
145. Jain D, Lahiri A, Raval U, Raftery EB.
Prognostic implications of lung uptake of thallium-201 at rest following acute myocardial
infarction or unstable angina.
Clinical Science 1988; 75: Suppl, 27P

146. Dasgupta P, Brigden G, Ramhamdany E, Lahiri A, Baird IM, Raftery EB.
Left ventricular ejection fraction response to rapid weight reduction in obesity.
Clinical Science 1988; 75: Suppl, 29P
147. Berger H, Lahiri A, Leppo J, Makler T, Maddahi J, Mintz G Strauss HW and Antimyosin
Multicenter Trial Group.
Antimyosin imaging in patients with ischaemic chest pain: Initial results of phases III
multicentre trial.
Journal of Nuclear Medicine 1988; 29: 805-806
148. Al-Khawaja IM, Lahiri A, Raftery EB.
Significance of left ventricular dilatation during exercise ²⁰¹Tl imaging.
European Heart Journal 1988; 9: Suppl. 1, 3
149. O'Hara MJ, Lahiri A, Altman DG, Raftery EB.
Multivariate analysis of newer electrocardiographic variables to predict coronary artery
disease presence and severity.
European Heart Journal 1988; 9: Suupl. 1, 116
150. Carboni GP, Lahiri A, Cashman PMM, Raftery EB.
Diurnal variation of silent myocardial ischaemia in patients with fixed effort angina
threshold.
European Heart Journal 1988; 9: Suppl. 1, 317
151. Heber ME, Brigden GS, Lahiri A, Raftery EB.
Relationship of hypotensive efficacy of the ACE inhibitor, Ramipril, and angiotensin II
levels.
European Heart Journal 1988; 9: Suppl. 1, 339
152. Caruana M, Lahiri A, Heber M, Raftery EB.
Is digoxin useful in heart failure with sinus rhythm?
European Heart Journal 1988; 9: Suupl. 1, 50
153. Jain D, Raval U, Lahiri A.
Rest lung thallium uptake in acute myocardial infarction: Clinical significance.
Circulation 1988; 78: Suppl. II, 431
154. Jain D, Lahiri A, Raval U, Raftery EB.
Discordance between In-111 antimyosin uptake, regional perfusion and wall motion
abnormalities in acute Q-wave myocardial infarction.
Circulation 1988; 78: Suppl. II, 493
155. Brigden G, Broadhurst P, Heber M, Lahiri A, Raftery EB.
Do portable cuff blood pressure devices truly reflect ambulatory blood pressure?
Circulation 1988; 78: Suppl. II, 519
156. Jain D, Lahiri A, Bhattacharya S, Raftery EB.
Detection of subclinical myocardial necrosis by antimyosin imaging in unstable angina in
the absence of conventional markers.
Clinical Science 1989; 76: (Suppl 20), 7P

157. Broadhurst PA, Cashman PM, Dasgupta P, Lahiri A, Raftery EB.
Left ventricular function during atrial pacing induced angina as assessed with a miniature nuclear probe.
Clinical Science 1989; 76: (Suppl 20), 37P
158. Brigden GS, Cashman PM, Broadhurst P, Heber M, Lahiri A, Raftery EB.
Non-invasive blood pressure monitor overestimates night-time blood pressure.
Clinical Science 1989; 76: (Suppl 20), 39P
159. Lahiri A, Higley B, Kelly JD, Webbon B, Edwards B, Archer C, Crawley JCW, Raftery EB.
Myocardial perfusion imaging in man using a new Tc-99m functionalised diphosphine complexes.
Clinical Science 1989; 77: (Suppl 21), 24P
160. Jain D, Raval U, Broadhurst P, Crawley JCW, Lahiri A Raftery EB.
Late imaging of myocardial infarction with In-111 antimyosin antibodies.
Clinical Science 1989; 77: (Suppl 21),18P
161. Jain D, Lahiri A, Raval U, Smith T, Raftery EB.
Do reciprocal electrocardiographic changes in acute Q-wave myocardial infarction represent additional ischaemia or necrosis?
British Heart Journal 1989; 61: 471
162. Hughes LO, Lahiri A, Raftery EB.
Coronary disease in Asians associated with insulin and C-peptide concentrations.
British Heart Journal 1989; 61: 445
163. Dasgupta P, Brigden G, Ramhamdany E, Lahiri A, Baird I, Raftery EB.
Improvement of subclinical left ventricular dysfunction in obese subjects after weight loss.
British Heart Journal 1989; 61: 101
164. Lahiri A, Cashman P, Broadhurst P, Crawley J, Caunt J, Raftery EB.
Cardioscint: a new system for the continuous evaluation of left ventricular function.
British Heart Journal 1989; 61: 102
165. Broadhurst P, Cashman PMM, dasgupta P, Lahiri A, Raftery EB.
Comprehensive validation of the Cardioscint: A system for continuous monitoring of left ventricular function.
British Heart Journal 1989; 61: 464
166. Jain d, Lahiri A, Smith T, Raftery EB.
Evidence of myocardial necrosis in the absence of diagnostic ECG changes.
Nuclear Medicine Communications 1989; 10: 205
167. Lahiri A, Higley B, Smith T, Crawley JCW, Edwards B, Archer C, Chiu W, Latham I, Kelly D.
Myocardial perfusion imaging in man using new ^{99m}Tc-labelled diphosphine complexes.

- Nuclear Medicine Communications 1989; 10: 245
168. Broadhurst P, Cashman P, Hinge D, Lahiri A, Raftery EB.
Validation of Cardioscint: A new system for continuous monitoring of left ventricular function.
Nuclear Medicine Communications 1989; 10: 211
 169. Jain D, Lahiri A, Raval U, Crawley JCW, Raftery EB.
A new method for detecting acute myocardial infarction using ^{111}In -antimyosin antibody imaging.
Br J Radiol 1989; 62 (suppl): S69
 170. Broadhurst P, Lahiri A, Raval U, Crawley J, Raftery EB, Wilkins R.
Preliminary experience with technetium-99m labelled antifibrin T2G1's FAB monoclonal antibody in patients with deep venous thrombosis.
Br J Radiol 1989; 62 (suppl): S98
 171. Lahiri A, Cashman P, Broadhurst P, Crawley J, Raftery EB.
Initial validation of a new patient-borne miniature device for continuous monitoring of left ventricular function and ST-segment.
Journal of American College of Cardiology 1989; 13 (suppl A): 96A
 172. Kelly JD, Higley B, Archer CM, Latham IA, Webbon P, Edwards PG, Griffiths DV, Lahiri A, Chiu KW, Edwards B.
New functionalised diphosphine complexes of $^{99\text{m}}\text{Tc}$ for myocardial perfusion imaging.
Journal of Nuclear Medicine 1989; 30: 773
 173. Lahiri A, Higley B, Crawley JCW, Chiu KW, Edward B, Smith T, Griffiths DV, Archer CM, Latham IA, Delly JD.
Novel functionalised diphosphine complexes of $^{99\text{m}}\text{Tc}$ for myocardial imaging in man.
Journal of Nuclear Medicine 1989; 30: 818
 174. Broadhurst P, Cashman PMM, dasgupta P, Raffey EB, Lahiri A.
Patient-borne csi-photophide detector for continuous monitoring of left ventricular function and ST-segment.
Journal of Nuclear Medicine 1989; 30: 868-869
 175. Jain D, Lahiri A, Raval U, James C, Raftery EB.
Do reciprocal ECG changes in acute myocardial infarction represent additional ischaemia or necrosis.
European Journal of Nuclear Medicine 1989; 15: 477
 176. Broadhurst P, Cashman P, Lahiri A, Raftery EB.
Early detection of left ventricular dysfunction during atrial pacing using a miniature nuclear probe.
European Journal of Nuclear Medicine 1989; 15: 485
 177. Jain D, Lahiri A, Raval U, James C, Raftery EB.
Evidence of myocardial necrosis in the absence of diagnostic ECG changes.
European Journal of Nuclear Medicine 1989; 15: 459

178. Lahiri A, Higley B, Kelly JD, Webbon P, Edwards B, Archer C, Crawley JCW, Raftery EB.
Myocardial perfusion imaging in man using new Tc-99m functionalised diphosphine complexes.
European Journal of Nuclear Medicine 1989; 15: 425
179. Broadhurst P, Lahiri A, Raval U, James C, Wilkins R, Raftery EB.
Tc-99m labelled antifibrin t2gis (Fab) monoclonal antibody in patients with deep venous thrombosis.
European Journal of Nuclear Medicine 1989; 15: 142
180. Jain D, Broadhurst P, Raval U, Smith T, Raftery EB, Lahiri A.
Late imaging of myocardial infarction with In-111 antimyosin antibodies.
European Journal of Nuclear Medicine 1989; 15: 474
181. Dasgupta P, Broadhurst P, Lahiri A.
Improvement in congestive heart failure following chronic therapy with a new vasodilating betablocker: Carvedilol.
Circulation 1989; 80: 4; 117
182. Jain D, Lahiri A, Raval U, Crawley JCW, Raftery EB.
Comparison of electrocardiography and In-111 antimyosin imaging in patients with acute myocardial infarction.
European Journal of Nuclear Medicine 1989; 15: 476
183. Cashman PMM, Broadhurst P, Lahiri A, Crawley JCW, Caunt J, Raftery EB.
New portable bedside system for continuous monitoring of left ventricular function and ST-segment level.
European Journal of Nuclear Medicine 1989; 15: 558
184. Liu XJ, Jain D, Raval U, Crawley J, Raftery EB.
In-111 antimyosin antibody imaging for detection of myocardial necrosis: a quantitative approach.
Nuclear Medicine Communications 1990; 11: 198
185. Brigden G, Cashman P, Hinge D, Raftery EB, Lahiri A.
Myocardial perfusion imaging in man using a new Tc-99m functionalised diphosphine complexes.
Nuclear Medicine Communications 1990; 11: 198
186. Broadhurst P, Liu XJ, Cashman PMM, Raftery EB, Lahiri A.
An assessment of spontaneous variability of ejection fraction using the Cardioscint.
Nuclear Medicine Communications 1990; 11: 188
187. Liu A, Zang Z, Lu P, Lahiri A.
Assessment of right ventricular function with non-imaging first pass ventriculography and comparison of results with gamma camera.
Nuclear Medicine Communications 1990; 11: 189

188. Lahiri A, Lomsky M, Ruddy T, Senior R, Stromlad SO, Kujacece V, Manspeaker P, Berger HJ.
Single-dose In-III antimyosin for assessment of myocardial necrosis and left ventricular function.
European Journal of Nuclear Medicine 1990; 16: 7, 444
189. Liu XJ, Jain D, Raval U, Raftery EB, Lahiri A.
Antimyosin antibody imaging for detection of myocardial necrosis: a quantitative approach.
European Journal of Nuclear Medicine 1990; 16: 7; 444
190. Brigden G, Cashman P, Hinge D, Raftery EB, Lahiri A.
Combined ambulatory pulmonary artery pressure and left ventricular volume measurements using the `VEST'.
Nuclear Medicine Communications 1990; 11: 198
191. Liu XJ, Jain D, Senior R, Leppo J, Lahiri A.
A quantitative method for assessing age of myocardial infarction from antimyosin imaging.
Journal of Nuclear Medicine 1990; 31: 782
192. Rose EL, Lewis JD, Raval U, Lahiri A.
Silent coronary artery disease in patients with peripheral vascular disease.
Circulation 1990; 82: Suppl III, 32
193. Bhattacharya S, Mackie I, Machin S, Leese P, Schiable T, Jordan R, Smith C, Berger H, Lahiri A.
Inhibition of platelet aggregation by antiplatelet gpiib/iiiA (7E3) Fab murine monoclonal antibody: Relationship to dose.
Circulation 1990; 82: Suppl III; 603
194. Bhattacharya S, Weisman HF, Morris KG, Miller MJ, Jordan RE, Senior R, Sane SE, Mackie I, Machin S, Lahiri A.
Chimeric (humanised) monoclonal antiplatelet antibody 7E3 produces prolonged dose-dependent inhibition of platelet function.
European Heart Journal 1991; 12: Suppl; 26
195. Northridge DB, Rose E, Elder A, Shaw TRD, Lahiri A, Raftery EB, Dargie HJ.
A multicentre, double-blind placebo controlled trial of Quinapril in mild chronic heart failure.
European Heart Journal 1991; 12: Suppl; 184
196. Broadhurst P, dasgupta P, Cashman P, Lahiri A.
End-diastolic volume change during atrial pacing predicts the extent of myocardium `at risk'.
European Heart Journal 1991; 12: Suppl; 200
197. Rose EL, Raval U, Liu XJ, Henley M, White J, Lewis J, Raftery EB, Lahiri A.
Prognostic value of radionuclide in the assessment of patients with peripheral vascular disease.
European Heart Journal 1991; 12: Suppl; 209

198. Sridhara BS, Bhattacharya S, Broadhurst P, Liu XJ, Hinge D, Lahiri A.
Rate of fall in exercise ejection fraction predicts functionally significant coronary artery disease.
Nuclear Medicine Communications 1991; 12: 4, 269
199. Bhattacharya S, Mackie I, Machin S, Senior R, Leese P, Schiabile T, Jordan R, Berger H, Lahiri A.
Monoclonal antiplatelet antibody 7E3 (iiib/iiiia receptor blocker) produces rapid reduction in platelet aggregation in humans.
British Heart Journal 1991; 66: 60
200. Senior R, Bhattacharya S, Raval U, Leppo J, Lahiri A.
Quantitative indium-111 antimyosin antibody imaging for predicting age of acute myocardial infarction.
British Heart Journal 1991; 66: 89
201. Broadhurst P, Liu XJ, Hinge D, Cashman P, Raftery EB, Lahiri A.
Spontaneous variability of left ventricular function: assessment with a miniature nuclear probe (Cardioscint).
British Heart Journal 1991; 66: 105
202. Senior R, Bhattacharya S, Raval U, Liu XJ, Manspeaker P, Wegener W, Leppo JA, Lahiri A.
Tc-99m antimyosin antibody imaging for the early detection of acute myocardial infarction in man.
Circulation 1991; (Suppl 11) 84: 4, 643
203. Rose EL, Raval U, Liu XJ, Henley M, White J, Lewis J, Raftery EB, Lahiri A.
Prognostic value of non-invasive cardiac tests in assessing patients with peripheral vascular disease.
Nuclear Medicine Communications 1991; 12: 4, 290
204. Smith T, Smith FW, dasgupta P, Gemmell H, Davidson J, Edwards B, Gill H, Higley B, Lahiri A.
^{99m}Tc-P53: biodistribution studies of a new kit for cardiac imaging.
Nuclear Medicine Communications 1991; 12: 4, 267
205. Senior R, Bhattacharya S, Liu XJ, Raval U, Jain D, Lahiri A.
In-111 antimyosin uptake intensity is related to the time of imaging following acute myocardial infarction.
Nuclear Medicine Communications 1991; 12: 4, 262
206. Rose EL, Raval U, Lahiri A, Raftery EB, Lewis JD.
Silent coronary artery disease in patients with peripheral vascular disease.
Proceedings of 1st Biennial Symposium of the European Working Group on Nuclear Cardiology, Rotterdam (1991)

207. Broadhurst P, Dasgupta P, Cashman P, Whittington JR, Raftery EB, Lahiri A. Cardiac probe measurements of left ventricular function during atrial pacing predict the fraction of myocardium 'at risk' of ischaemia. Proceedings of 1st Biennial Symposium of the European Working Group on Nuclear Cardiology, Rotterdam (1991)
208. Bhattacharya S, Liu XJ, Raval U, Jain D, Leppo JA, Lahiri A. Quantitative ¹¹¹In-antimyosin antibody imaging for predicting the age of acute Q-wave myocardial infarction. Proceedings of 1st Biennial Symposium of the European Working Group on Nuclear Cardiology, Rotterdam (1991)
209. Broadhurst P, Liu X, Cashman P, Lahiri A. Spontaneous variability of left ventricular function: assessment with a nuclear probe. Proceedings of 1st Biennial Symposium of the European Working Group on Nuclear Cardiology, Rotterdam (1991)
210. Lahiri A, Kinsey C, dasgupta P, Muller-Beckman B, Van der Does R. Anti-arrhythmic effects of carvedilol, a new beta-blocker with vasodilating properties. Proceedings of the Fourth International Symposium Cardiovascular Pharmacotherapy, Geneva (1991)
211. Dasgupta P, Broadhurst P, Raftery EB, Lahiri A. Can intravenous beta-blockers predict long-term haemodynamic benefit in chronic heart failure. Proceedings of the Fourth International Symposium Cardiovascular Pharmacotherapy, Geneva (1991)
212. Bhattacharya S, Mackie I, Machin S, Leese P, Schiable T, Jordan R, Smith C, Berger H, Lahiri A. Inhibition of platelet function by gpiib/iiiA (7E3) FAB murine monoclonal antibody: phase-1 clinical studies. Proceedings of the Fourth International Symposium Cardiovascular Pharmacotherapy, Geneva (1991)
213. Bhattacharya S, Weisman HF, Morris KG, Miller MJ, Jordan RE, Senior R, Sane DC, Mackie I, Machin S, Lahiri A. Chimerization of monoclonal antibody 7E3 preserves the GP iib/iiiA receptor blockade and platelet functional inhibition of murine 7E3. Proceedings of the American Federation of Clinical Research, Seattle, (1991)
214. Rose E, Raval U, Liu XJ, Henley M, White J, Lewis J, Raftery EB, Lahiri A. Prognostic value of lung uptake in dipyridamole thallium-201 imaging and ejection fraction in patients with peripheral vascular disease. Journal of Nuclear Medicine 1991; 32; 5: 967
215. Smith FW, Smith T, Gemmell H, dasgupta P, Archer C, Davidson J, Hinge D, Gvozdanovic D, Forster A, Higley B, Nagle K, Lahiri A. Phase I study of Tc-99m diphosphine (P53) for myocardial imaging. Journal of Nuclear Medicine 1991; 32; 5: 967

216. Senior R, Thomas P, Lahiri A.
Reproducibility of echocardiography-doppler in the assessment of haemodynamics in a double-blind placebo controlled trial.
Proceedings of the World Congress on Cardiology, New Delhi (1991)
217. Lahiri A, Sridhara BS, Braat S, Itti R, Rigo R, Cload P.
Early and late myocardial imaging with a new technetium-99m diphosphine (PPN1011) in coronary heart disease.
Proceedings of the World Congress on Cardiology, New Delhi (1991)
218. Bhattacharya S, Liu XJ, Senior R, Jain D, Leppo JA, Lahiri A.
111In-antimyosin antibody uptake is related to the age of myocardial infarction.
Proceedings of the World Congress on Cardiology, New Delhi (1991)
219. Senior R, Bhattacharya S, Raval U, Manspeaker P, Wegener W, Weisman H, Lahiri A.
Tc-99m antimyosin imaging for simultaneous evaluation of acute myocardial necrosis and left ventricular function.
Nuclear Medicine Communications 1992; 13: 4, 218
220. Senior R, Bhattacharya S, Raval U, Hinge D, Liu XJ, Lahiri A.
Comparison between Tc-99m and In-111 antimyosin imaging for the detection of acute myocardial infarction in man.
Nuclear Medicine Communications 1992; 13: 4, 218
221. Cload P, Sridhara B, Itti R, Rigo P, Leclercq B, Larock MP, Raval U, Braat S, Lahiri A.
Clinical efficacy of tetrofosmin, a new Tc-labelled myocardial imaging agent: A multicentre trial.
Nuclear Medicine Communications 1992; 13: 4, 217
222. Sridhara BS, Braat S, Itti R, Rigo P, Cload P, Lahiri A.
Early and late myocardial imaging with a new technetium-99m diphosphine (PPN1011) in coronary heart disease.
Journal of American College of Cardiology 1992; 19; 3, 202A
223. Senior R, Bhattacharya S, Sridhara BS, Raftery EB, Lahiri A.
Isovolumic relaxation period is the best predictor of diastolic dysfunction in hypertensive left ventricular hypertrophy.
Journal of American College of Cardiology 1992; 19; 3, 197A, 1992
224. Rigo P, Braat S, Itti R, Larock MP, Bontemps L, Sridhara B, Cload P, Lahiri A.
Myocardial imaging with technetium-99m P53. Comparison with thallium in suspected coronary artery disease.
Journal of American College of Cardiology 1992; 19; 3: 202A
225. Senior R, Bhattacharya S, Raval U, Hinge D, Liu XJ, Lahiri A.
Comparison between Tc-99m and In-111 antimyosin imaging for the detection of acute myocardial infarction in man.
European Journal of Nuclear Medicine 1992; 19: 8; 627

226. Senior R, Bhattacharya S, Wegener W, Raval U, Manspeaker P, Weisman H, Lahiri A.
Simultaneous evaluation of acute myocardial necrosis and left ventricular function with a single dose of Tc-99m antimyosin.
Proceedings of European Association of Nuclear Medicine (1992)
227. Sridhara BS, Itti R, Braat S, Rigo P, Raval U, Hinge D, Lahiri A.
Myocardial imaging characteristics of technetium-99m tetrofosmin for evaluation of coronary heart disease.
European Journal of Nuclear Medicine 1992; 19: 8, 661
228. Braat SH, Lahiri A, Itti R, Rigo P.
Comparison of direct size 5 and 240 minutes after injection of tetrofosmin at peak exercise.
Journal of Nuclear Medicine 1992; 33: 5, 874
229. Sridhara BS, Itti R, Braat S, Rigo P, Raval U, Hinge D, Lahiri A.
Myocardial imaging characteristics of technetium-99m tetrofosmin for evaluation of coronary heart disease.
Journal of Nuclear Medicine 1992; 33: 5, 875
230. Bhattacharya S, Sridhara BS, Liu XJ, Broadhurst P, Cashman P, Lahiri A.
Continuous monitoring of left ventricular (LV) functions during exercise: rate of peak ejection fraction (EF) change is superior to peak EF change in predicting coronary jeopardy score.
Journal of Nuclear Medicine 1992; 33: 5, 938
231. Sridhara BS, Braat S, Itti R, Rigo P, Cload P, Raval U, Hinge D, Lahiri A,
Technetium-99m tetrofosmin - a new myocardial imaging agent in evaluation of coronary heart disease.
Proceedings of the American Heart Association Meeting (1992)
232. Senior R, Bhattacharya S, Wegener W, Manspeaker P, Weisman H, Lahiri A.
Combined assessment of left ventricular wall motion ejection fraction and acute myocardial necrosis with a single dose of Tc-99m antimyosin antibody.
British Heart Journal 1993; 68: 1, 152
233. Sridhara BS, Itti R, Braat S, Cload P, Raval U, Hinge D, Lahiri A.
Technetium-99m tetrofosmin (P53) myocardial perfusion imaging in coronary artery disease: comparison with thallium-201 imaging.
British Heart Journal 1993; 68: 1: 152
234. Senior R, Imbs JL, Bory M, Denis B, Zannand F, Trimarco B, Lahiri A, Raftery EB.
Comparison of the effects of indapamide with hydrochlorothiazide, nifedipine, enalapril and atenolol on left ventricular hypertrophy in hypertension: a double-blind parallel study.
Journal of American College of Cardiology 1993; 21: 2 (Suppl A), 57A
235. Braat SH, Leciera B, Itti R, Lahiri A, Rigo P.
Myocardial perfusion imaging with tetrofosmin comparison between a one and a Two day protocol.
Journal of American College of Cardiology 1993; 21: (Suppl A) 2, 251A, (1993)

236. Senior R, Bhattacharya S, Leppo JA, Raval U, Lahiri A.
Combined assessment of left ventricular wall motion ejection fraction and acute myocardial necrosis with a single-dose of Tc-99m antimyosin antibody.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
237. Senior R, Sridhara B, Anagnostou E, Larkin H, Raval U, Handler C, Raftery EB, Lahiri A.
Simultaneous evaluation of dobutamine stress Tc-99m MIBI SPECT and echocardiography for the diagnosis of coronary heart disease.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
238. Crawley JCW, Raval U, Lahiri A.
Are uptake measurements from multiple energy images reliable?
Proceedings of the First International Congress of Nuclear Cardiology (1993)
239. Brigden GS, Cashman PMM, Lahiri A, Raftery EB
Haemodynamic assessment of the 'vest' during exercise and ambulation.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
240. Sridhara B, Sochor H, Raval U, Braat S, Rigo P, Itti R, Cload P, Lahiri A.
Myocardial SPECT imaging with Tc-99m tetrofosmin: comparison of one and two Day protocols.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
241. Senior R, Sridhara B, Basu S, Anagnostou E, Raval U, Raftery EB, Lahiri.
Left ventricular ejection fraction measurement by quantitative radionuclide ventriculography and 2D echocardiography: a comparative study.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
242. Anagnostou E, Sridhara B, Duncker DM, Senior R, Lahiri A.
Comparison of left ventricular systolic function measurements by the Cardioscint and aortic Doppler during dobutamine infusion.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
243. Sridhara B, Duncker DM, Rigo P, Itti R, Braat S, Cload P, Lahiri A.
Evaluation of the ideal imaging time for Tc-99m tetrofosmin myocardial perfusion Studies.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
244. Basu S, Sridhara B, Senior R, Duncker DM, Agrawal B, Hauf-Zachariou U, Raval U, Handler C, Raftery EB, Lahiri A.
Thallium-201 redistribution imaging following acute myocardial infarction is of limited value for detection of myocardial viability.
Proceedings of the First International Congress of Nuclear Cardiology (1993)
245. Senior R, Sridhara B, Basu S, Raval U, Handler C, Raftery EB, Lahiri A.
Combined low dose dobutamine echocardiography and TI-201 imaging in the detection of viable myocardium in patients with chronic ischaemic left ventricular dysfunction.
Proceedings of the First International Congress of Nuclear Cardiology (1993)

246. Sridhara BS, Sochor H, Raval U, Braat S, Rigo P, Itti R, Cload P, Lahiri A.
Myocardial SPECT imaging with Tc-99m tetrofosmin: comparison of one and two day protocols.
Nuclear Medicine Communications 1993; 14: 4, 263
247. Basu S, Sridhara BS, Senior R, Duncker D, Raval U, Handler C, Raftery EB, Lahiri A.
Detection of myocardial viability with re-injection of Tl-201 following myocardial infarction.
Nuclear Medicine Communications 1993; 14: 4, 264
248. Anagnostou E, Sridhara BS, Duncker D, Senior R, Lahiri A.
Comparison of left ventricular systolic function measurements by the Cardioscint and aortic doppler during dobutamine infusion.
Nuclear Medicine Communications 1993; 14; 4: 266
249. Senior R, Sridhara BS, Anagnostou E, Larkin H, Raval U, Handler CE, Raftery EB, Lahiri A.
Combined dobutamine stress Tc-99m MIBI SPECT and echocardiography for the diagnosis of coronary artery disease.
Nuclear Medicine Communications 1993; 14; 4: 262
250. Senior R, Sridhara BS, Basu S, Raval U, Handler CE, Raftery EB, Lahiri A.
Synergistic value of low dose dobutamine echocardiography and Tl-201 imaging in the detection of viable myocardium in patients with chronic ischaemic Cardiomyopathy.
Nuclear Medicine Communications 1993; 14: 4, 263
251. Senior R, Sridhara BS, Basu S, Anagnostou E, Raval U, Handler CE, Raftery EB, Lahiri A.
Left ventricular function measurement by quantitative radionuclide ventriculography and 2D echocardiography: a comparative study.
Nuclear Medicine Communications 1993; 14: 4, 263
252. Sridhara BS, Raftery EB, Lahiri A.
Antihypertensive efficacy of Diltiazem SR assessed by continuous ambulatory intra-arterial blood pressure monitoring.
Proceedings of the 5th International Symposium on Cardiovascular Pharmacotherapy (1993)
253. Acharya D, Basu S, Raftery EB, Lahiri A.
Anti-ischaemic effects of Elgodipine
Proceedings of the 5th International Symposium on Cardiovascular Pharmacotherapy (1993)
254. Senior R, Buchner-Moll D, Raftery EB, Lahiri A.
Haemodynamic effects of Bimakalim, a new potassium channel opener.
Proceedings of the 5th International Symposium on Cardiovascular Pharmacotherapy (1993)

255. Basu S, Sridhara B, Senior R, Duncker DM, Raval U, Handler CE, Raftery EB, Lahiri A. Role of thallium-201 reinjection in the assessment of myocardial viability following myocardial infarction. *British Heart Journal* 1993; 69: 5, 61
256. Senior R, Anagnostou E, Handler CE, Raftery EB, Lahiri A. Presence of myocardial viability does not predict global improvement in left ventricular function in chronic ischaemic cardiomyopathy. *British Heart Journal* 1993; 69: 5, 73
257. Basu S, Sridhara B, Senior R, Duncker DM, Raval U, Handler CE, Raftery EB, Lahiri A. Role of thallium-201 reinjection in the assessment of myocardial viability following myocardial infarction. *European Heart Journal* 1993; 14 (Abs Suppl): 438
258. Zaret BL, Lahiri A and Tetrofosmin Study Group. Comparative perfusion scintigraphy with technetium-99m tetrofosmin and thallium-201: results of the phase III international trial. *European Heart Journal* 1993; 14 (Abs Suppl): 188
259. Senior R, Anagnostou E, Handler CE, Raftery EB, Lahiri A. Presence of myocardial viability does not predict global improvement in left ventricular function in chronic ischaemic cardiomyopathy. *European Heart Journal* 1993; 14 (Abs Suppl): 30
260. Senior R, Anagnostou E, Handler CE, Raftery EB, Lahiri A. Presence of myocardial viability does not predict global improvement in left ventricular function in chronic ischaemic cardiomyopathy. *Proceedings of the British Society of Echocardiography, Harrogate (1993)*
261. Hendel RC, Parker M, Wackers FJ, Rigo P, Lahiri A, Cload P, Zaret BL, Tetrofosmin Study Group. Is interpretation of myocardial perfusion scans more consistent with Tc-99m tetrofosmin than thallium-201? *Circulation* 1993; 88: 4 (Part 2), 440
262. Senior R, Glenville B, Basu S, Sridhara BS, Raval U, Raftery EB, Lahiri A. Low dose dobutamine echocardiography accurately identifies hibernating myocardium in patients with severe chronic ischaemic left ventricular dysfunction. *Journal of American College of Cardiology* 1994; (special issue) 3: 4307A
263. Senior R, Sridhara BS, Raval U, Basu S, Anagnostou E. Dobutamine stress testing with Tc-99m tetrofosmin for the detection of coronary heart disease. *British Heart Journal* 1994; 71: 5: P83
264. Senior R, Glenville B, Basu S, Sridhara BS, Raval U. Rest thallium-201 imaging and dobutamine echocardiography accurately identify improvement in regional function following revascularisation in severe left ventricular dysfunction. *British Heart Journal* 1994; 71: 5: P34

265. Sridhara BS, Dudzic E, Basu S, Senior R, Lahiri A.
Reverse redistribution on thallium-201 imaging in post-myocardial infarction suggests successful thrombolysis.
British Heart Journal 1994; 71: 5, P34
266. Senior R, Sridhara BS, Anagnostou E, Raval U, Handler CE, Raftery EB, Lahiri A.
Synergistic value of simultaneous stress dobutamine Sestamibi SPECT and echocardiography in the detection of coronary artery disease.
British Heart Journal 1994; 71: 5: P33
267. Senior R, Sridhara BS, Raval U, Basu S, Anagnostou E, Dudzic E, Crawley JCW, Cload P, Lahiri A.
Dobutamine stress testing with Tc-99m tetrofosmin for the detection of coronary heart disease.
Nuclear Medicine Communications 1994; 15: 4, 233
268. Sridhara BS, Dudzic E, Basu S, Senior R, Lahiri A.
Reverse redistribution on thallium-201 imaging in post-myocardial infarction suggests successful thrombolysis.
Nuclear Medicine Communications 1994; 15: 4, 232
269. Senior R, Glenville B, Basu S, Sridhara BS, Raval U, Raftery EB, Lahiri A.
Rest thallium-201 imaging and dobutamine echocardiography accurately identify improvement in regional function following revascularisation in severe left ventricular dysfunction.
Journal of Nuclear Medicine 1994; 35; 5: 136P
270. Senior R, Sridhara BS, Anagnostou E, Raval U, Handler CE, Raftery EB, Lahiri A.
Synergistic value of simultaneous stress dobutamine Sestamibi SPECT and echocardiography in the detection of coronary artery disease.
Journal of Nuclear Medicine 1994; 35; 5: 16P
271. Basu S, Kinsey C, Armstrong D, Raftery EB, Lahiri A.
HerTcard: a new patient activated system for intermittent ambulatory ST-segment monitoring.
Journal of Ambulatory Monitoring 1994; 7: 2, 118
272. Sridhara BS, Dudzic E, Basu S, Senior R, Lahiri A.
Reverse redistribution on thallium-201 imaging in post-myocardial infarction suggests successful thrombolysis.
Medical Research Society, Newcastle (1994)
273. Braat S, Benoit T, Lahiri A, Itti P, Rigo P.
SPECT myocardial imaging using technetium-99m tetrofosmin.
European Journal of Nuclear Medicine 1994; 21 (supplement) 10: S12
274. Thorniley MS, Lahiri A, Glenville B, Shurey C, Baker G, Raval U, Crawley J, Green CJ.
Non-invasive measurements of cardiac oxygenation and haemodynamics during transient episodes of coronary artery occlusion and reperfusion.
Medical Research Society, Newcastle (1994)

275. Senior R, Glenville B, Basu S, Sridhara BS, Raval U, Raftery EB, Lahiri A.
Rest thallium-201 imaging and dobutamine echocardiography accurately identify improvement in regional function following revascularisation in severe left ventricular dysfunction.
Nuclear Medicine Communications 1994; 15: 4, 233
276. Senior R, Sridhara BS, Anagnostou E, Raval U, Handler C, Raftery EB, Lahiri A.
Synergistic value of simultaneous stress dobutamine sestamibi SPECT and echocardiography in the detection of coronary artery disease.
Journal of Nuclear Medicine 1994; 35: 5, 16P
277. Sridhara BS, Senior R, Anagnostou E, Kinsey C, Lahiri A.
Saterinone, a dual action drug for the management of congestive heart failure.
European Heart Journal 1994; 15 (abstr suppl): 36
278. Sridhara BS, Dudzic E, Basu S, Senior R, Lahiri A.
Reverse redistribution on thallium-201 imaging in post-myocardial infarction suggests successful thrombolysis.
European Heart Journal 1994; 15 (abstr suppl): 257
279. Senior R, Sridhara BS, Raval U, Anagnostou E, Basu S, Lahiri A.
Evaluation of rest TI-201 SPECT protocols for the identification of viable myocardium.
Nuclear Medicine Communications 1995; 15: 4, 265
280. Senior R, Glenville B, Basu S, Sridhara BS, Raval U, Raftery EB, Lahiri A.
Rest thallium-201 imaging and dobutamine echocardiography accurately identify improvement in regional function following revascularisation in severe left ventricular dysfunction.
Nuclear Medicine Communications 1995; 15: 4, 233
281. Senior R, Raval U, Basu S, Lahiri A.
Stress-rest dobutamine SPECT Tc-99m Sestamibi accurately predicts myocardial viability in dysynergic left ventricular segments.
Journal of American College of Cardiology 1995; (Feb: Special Issue): 364A
282. Senior R, Basu S, Handler CE, Raftery EB, Lahiri A.
Improved detection of coronary artery disease in hypertensive patients by dobutamine stress echocardiography.
Journal of American College of Cardiology 1995; (Feb: Special Issue): 306A
283. Senior R, Kaul S, Sochor H, Raval U, Basu S, Lahiri A.
Dobutamine stress testing in coronary artery disease: comparison of 99mTc-tetrofosmin imaging with echocardiography in high-risk patient
Journal of Nuclear Cardiology 1995; 2: 2, S93
284. Senior R, Kaul S, Raval U, Lahiri A.
Silent myocardial ischaemia is a common finding in patients with congestive heart failure due to coronary artery disease.
Journal of Nuclear Cardiology 1995; 2: 2, S26

285. Senior R, Kaul S, Raval U, Lahiri A.
Exercise thallium imaging predicts adverse cardiac events following acute myocardial infarction with thrombolysis.
Journal of Nuclear Cardiology 1995; 2: 2, S24
286. Khattar RS, Crawley JCW, Raval U, Sridhara BS, Lahiri A.
Improved detection of coronary artery disease by planar Tc-99m tetrofosmin
Compared to thallium-201 imaging.
Journal of Nuclear Cardiology 1995; 2: 2, S94
287. Senior R, Raval U, Sridhara BS, Lahiri A.
Is Tc-99m tetrofosmin myocardial uptake an indicator of myocardial viability?
Nuclear Medicine Communications 1995; 16: 4, 210
288. Basu S, Sridhara BS, Senior R, Raval U, Dore C, Raftery EB, Lahiri A.
Exercise and rest thallium-201 imaging predicts adverse cardiac events following acute myocardial infarction with thrombolysis.
Nuclear Medicine Communications 1995; 16: 4, 209
289. Khattar RS, Crawley JCW, Raval U, Sridhara BS, Lahiri A.
Improved detection of coronary artery disease by planar Tc-99m tetrofosmin
compared to thallium-201 imaging.
Nuclear Medicine Communications 1995; 16: 4, 223
290. Senior R, Kaul S, Raval U, Lahiri A.
Silent myocardial ischaemia is a common finding in patients with congestive heart failure
due to coronary artery disease
Proceedings of Heart Failure 1995, Amsterdam
291. Senior R, Kaul S, Raval U, Sridhara BS, Lahiri A.
Is Tc-99m tetrofosmin myocardial uptake an indicator of myocardial viability?
British Heart Journal 1995; 73 (Suppl 3): P28
292. Senior R, Basu S, Handler CE, Raftery EB, Lahiri A.
Improved detection of coronary artery disease in hypertensive patients by dobutamine
stress echocardiography.
British Heart Journal 1995; 73 (Suppl 3): P65
293. Senior R, Raval U, Basu S, Lahiri A.
Dobutamine Tc-99m Sestamibi imaging accurately predicts myocardial viability in
dysynergic left ventricular segments.
British Heart Journal 1995; 73 (Suppl 3): P40
294. Senior R, Lahiri A.
Enhanced detection of myocardial ischaemia in patients with wall motion abnormality by
utilising the "biphasic" response on stress dobutamine during serial echocardiography.
British Heart Journal 1995; 73 (Suppl 3): P64

295. Senior R, Glenville B, Kaul S, Raval U, Basu S, Handler CE, Raftery EB, Lahiri A.
Improved detection of coronary artery disease in hypertensive patients by dobutamine stress echocardiography
British Heart Journal 1995; 73 (Suppl 3): P65
296. Khattar RS, Crawley JCW, Raval U, Sridhara BS, Lahiri A.
Tc-99m tetrofosmin imaging improves diagnostic accuracy in detection of Coronary artery disease compared to TI-201.
British Heart Journal 1995; 73 (Suppl 3): P40
297. Senior R, Glenville B, Kaul S, Raval U, Basu S, Handler CE, Raftery EB, Lahiri A.
Low dose dobutamine echocardiography predicts improvement in left ventricular function following revascularisation in patients with severe ischaemic heart failure.
British Heart Journal 1995; 73 (Suppl 3): P65
298. Khattar RS, Sridhara B, Raval U, Crawley JCW, Lahiri A
Comparison of SPECT and static images of Tc-99m-tetrofosmin labelled myocardium using ROC analysis
Proceedings of the International Atomic Energy Agency and WHO Symposium on Tomography in Nuclear Medicine, Present Status and Future Prospects, Vienna, Austria, (1995)
299. Khattar RS, Basu S, Senior R, Raval U
Prognostic value of pre-discharge ejection fraction, exercise testing and ambulatory Electrocardiogram monitoring in thrombolysed post infarction patients.
European Heart Journal 1995; 16: 372
300. Khattar RS, Crawley JCW, Wackers F, Rigo P, Zaret BL, Lahiri A
Tc-99m tetrofosmin the detection of coronary artery disease compared to TI-201 imaging - results of multicentre study
European Heart Journal 1995; 16: 185
301. Senior R, Raval U, Soman P, Ray S, Lahiri A
Prognostic value of stress Dobutamine echocardiography and myocardial perfusion imaging in patients with high likelihood for coronary artery disease
European Heart Journal 1995; 16: 326
302. Lahiri A, Basu S, Senior R, van der Does R, Kinsey C, Bruckner T, Raftery E B
Reduction of adverse cardiac events by carvedilol after acute myocardial infarction
European Heart Journal 1995; 16: 36
303. Senior R, Glenville B, Kaul S, Basu S, Handler C, Raftery EB, Lahiri A
Low dose dobutamine echocardiography predicts improvement in left ventricular function following revascularisation in patients with severe ischaemic heart disease
European Heart Journal 1995; 16: 25
304. Senior R, Raval U, Lahiri A
Tc-99m Sestamibi imaging reliably identifies dysynergic myocardium with retained contractile reserve
European Heart Journal 1995; 16: 166

305. Senior R, Lahiri A
Enhanced detection of myocardial ischaemia in patients with wall motion abnormality by utilising the “biphasic” response of stress Dobutamine during serial echocardiography
European Heart Journal 1995; 16: 325
306. Khattar RS, Acharya D, Kinsey C, Lahiri A, Raftery EB
Carotid intima-media thickness is predictive of the presence of left ventricular hypertrophy in hypertensive patients on long-term medical therapy
Proceedings of 1st International Symposium on Arterial Wall Thickening, Paris, France, (1995)
307. Khattar RS, Acharya D, Kinsey C, Lahiri A, Raftery EB
Left ventricular mass index and pre-treatment systolic blood pressure are predictors of carotid intima-media thickness in treated hypertensives
Proceedings of 1st International Symposium on Arterial Wall Thickening Paris, France, (1995)
308. Senior R, Raval U, Lahiri A
Prognostic significance of stress dobutamine Tc-99m stress SPECT imaging in patients undergoing diagnostic coronary arteriography
Circulation 1995; 92: (No: 8), 20
309. Basu S, Senior R, van der Does R, Kinsey C, Bruckner T, Raftery EB, Lahiri A.
Carvedilol reduces adverse cardiac events following acute myocardial infarction.
Circulation 1995; 92: (No: 8), 287
310. Senior R, Soman P, Khattar RS, Basu S, Lahiri A.
Prognostic value of dobutamine stress echocardiography in patients with a high likelihood of coronary artery disease: comparison with simultaneous myocardial perfusion imaging
Heart 1996; (suppl 2) 78: 47
311. Khattar RS, Senior R, Raval U, Basu S, Lahiri A.
Dobutamine stress testing: comparison of echocardiography with myocardial perfusion imaging in patients with suspected coronary artery disease
Heart 1996; (suppl 2) 78: 47
312. Senior R, Basu S, Lahiri A
Carvedilol prevents remodelling and improves prognosis in patients with left ventricular dysfunction following acute myocardial infarction.
Journal of American College of Cardiology 1996; 27: (Suppl A), 353A
313. Khattar RS, Acharya D, Senior R, Raftery EB, Lahiri A
Systolic blood pressure in hypertensives is a predictor of left ventricular mass and carotid intima-media thickness.
Journal of American College of Cardiology 1996; 27: (Suppl A), 220A

314. Basu S, Senior R, Raval U, Dore C, Lahiri A
Carvedilol reduces cardiac events in patients with post-infarction myocardial ischemia detected by TI-201 imaging.
Journal of American College of Cardiology 1996; 27: (Suppl A), 319A
315. Basu S, Raval U, Senior R, Lahiri A
Beneficial effects of vasodilating (-blocker, carvedilol, in post-infarction patients with myocardial ischaemia detected by TI-201 imaging.
Nuclear Medicine Communications 1996; 17: 4, 277
316. Soman P, Basu S, Raval U, Kinsey C, Khattar RS, Senior R, Lahiri A
Reverse redistribution of thallium after myocardial infarction indicates low risk.
Nuclear Medicine Communications 1996; 17: 4, 263
317. Senior R, Soman P, Khattar RS, Basu S, Lahiri A
Prognostic significance of dobutamine echocardiography and myocardial perfusion imaging in patients with suspected coronary artery disease.
Nuclear Medicine Communications 1996; 17: 4, 278
318. Khattar RS, Senior R, Raval U, Lahiri A
Comparison of arbutamine stress Sestamibi SPECT imaging and echocardiography for the detection of coronary artery disease.
Heart 1996; (suppl 1) 75: P18
319. Soman P, Basu S, Raval U, Kinsey C, Khattar R, Senior R, Lahiri A
Reverse redistribution of thallium after myocardial infarction indicates low risk.
Heart 1996; (suppl 1) 75: P18
320. Senior R, Soman P, Ray S, Basu S, Khattar R, Lahiri A
Dobutamine stress echocardiography reliably predicts future cardiac events in patients undergoing diagnostic coronary angiography.
Heart 1996; (suppl 1) 75: P20
321. Senior R, Kaul S, Raval U, Lahiri A
Painless myocardial ischemia is an important factor in the genesis of effort intolerance in severe congestive heart failure due to coronary artery disease.
Heart 1996; (suppl 1) 75: P54
322. Basu S, Senior R, Raval U, Dore C, Lahiri A
Following myocardial infarction and thrombolysis stress and nitroglycerine enhanced rest TI-201 imaging has superior prognostic value compared to redistribution imaging
Heart 1996; (suppl 1) 75: P82
323. Senior R, Soman P, Ray S, Basu S, Khattar R, Lahiri A.
Dobutamine stress echocardiography reliably predicts future cardiac events in patients undergoing diagnostic coronary angiography
European Heart Journal 1996; 17 (abstr suppl): 23

324. Khattar RS, Acharya DU, Kinsey C, Senior R, Raftery EB, Lahiri A.
Long-term influence of ambulatory pulse pressure on left ventricular hypertrophy and carotid atherogenesis in essential hypertension
European Heart Journal 1996; 17 (abstr suppl): 129
325. Senior R, Kaul S, Raval U, Lahiri A.
Painless myocardial ischaemia is frequently associated with hibernating myocardium in congestive heart failure
European Heart Journal 1996; 17 (abstr suppl): 154
326. Basu S, Senior R, Raval U, Dore C, Lahiri A.
Stress and nitroglycerine enhanced rest TI-201 imaging has superior prognostic value compared to redistribution imaging or exercise electrocardiography following acute myocardial infarction and thrombolysis
European Heart Journal 1996; 17 (abstr suppl): 154
327. Khattar RS, Basu S, Senior R, Raval U, Lahiri A.
Recurrent ischaemic events are not predicted by exercise testing, ejection fraction and Holter monitoring following thrombolysis.
European Heart Journal 1996; 17 (abstr suppl): 260
328. Senior R, Basu S, Lahiri A.
Early treatment with carvedilol prevents remodelling in acute myocardial infarction.
European Heart Journal 1996; 17 (abstr suppl): 514
329. Khattar RS, Senior R, Raval U, Lahiri A.
Arbutamine stress testing: comparison of Tc-99m Sestamibi SPECT imaging and echocardiography for detecting the presence, extent and severity of coronary artery disease.
European Heart Journal 1996; 17 (abstr suppl): 538
330. Basu S, Kinsey C, Mortimer P, Miller AJ, Senior R, Lahiri A.
Superior efficacy and safety of once daily diltiazem compared to slow-release nifedipine in chronic stable angina
European Heart Journal 1996; 17 (abstr suppl): 572
331. Basu S, Kinsey C, Van der Does R, Lahiri A.
Safety profile of early treatment with vasodilating β -blocker carvedilol following acute myocardial infarction
Circulation 1996; 94: 8, I-90
332. Basu S, Kinsey C, Mortimer P, Senior R, Lahiri A
Superiority of sustained-release formulations of diltiazem compared to nifedipine in stable angina is due to the effects of heart rate
Circulation 1996; 94: 8, I-729
333. Senior R, Soman P, Ray S, Khattar RS, Basu S, Lahiri A

Independent prognostic value of dobutamine stress echocardiography in patients with suspected coronary heart disease
Circulation 1996; 94: 8, I-679

334. Soman P, Khattar RS, Senior R, Lahiri A
Inotropic stress with arbutamine is superior to vasodilator stress with dipyridamole or the detection of extent and severity of myocardial ischemia with Tc-99m sestamibi SPECT
Circulation 1996; 94: 8, I-723
335. Senior R, Lahiri A, Raval U, Khattar R, Dittrich H, Kaul S
Detection of coronary artery disease using myocardial contrast
Circulation 1996; 94: 8, I-140
336. Soman P, Khattar R, Lahiri A, Senior R.
Superiority of arbutamine over dipyridamole for the stress echocardiographic assessment of coronary artery disease and reversible ischaemia
Proceedings of the British Society of Echocardiography, Manchester 1996
337. Khattar RS, Lahiri A, Senior R.
Enhanced echocardiographic detection of myocardial ischaemia with inotropic stress compared to ergometric exercise
Proceedings of the British Society of Echocardiography, Manchester 1996
338. Senior R, Kaul S, Raval U, Lahiri A.
Nitroglycerine enhanced Tc-99m Sestamibi is comparable to TI-201 for the detection of viable myocardium in congestive heart failure.
Journal of Nuclear Cardiology, 1997; 4 (No: 1, Part 2), S21
339. Khattar RS, Senior R, Raval U, Lahiri A.
Incremental value of inotropic stress Tc-99m Sestamibi SPECT imaging and echocardiography for the detection of multi-vessel disease.
Journal of Nuclear Cardiology, 1997; 4 (No: 1, Part 2), S29
340. Senior R, Lahiri A, Dittrich H, Raval U, Khattar R, Kaul S.
Myocardial contrast echocardiography versus Sestamibi-SPECT for the detection of coronary artery disease.
Journal of Nuclear Cardiology, 1997; 4 (No: 1, Part 2), S17
341. Khattar RS, Senior R, Lahiri A.
White coat hypertension is associated with less long-term cardiovascular complications compared to essential hypertension.
Heart, 1997; 77 (suppl 1): P52
342. Khattar RS, Senior R, Raval U, Lahiri A.
Enhanced detection of multivessel disease by simultaneous inotropic stress Tc-99m Sestamibi SPECT imaging and echocardiography.
Heart, 1997; 77 (suppl 1): P13

343. Khattar RS, Kinsey C, Senior R, Lahiri A.
Ambulatory blood pressure is superior to clinic measurement for the long-term prediction of left ventricular hypertrophy and carotid atherosclerosis in hypertension.
Heart, 1997; 77 (suppl 1): P51
344. Senior R, Kaul S, Raval U, Lahiri A.
Assessment of nitroglycerine enhanced Tc-99m Sestamibi SPECT for the detection of viable myocardium in congestive heart failure.
Heart, 1997; 77 (suppl 1): P13
345. Senior R, Raval U, Lahiri A.
Recovery of contractile function is equally predicted by metabolic imaging and assessment of contractile reserve prior to revascularisation in patients with severe left ventricular dysfunction.
Heart, 1997; 77 (suppl 1): P6
346. Soman P, Khattar R, Raval U, Senior R, Lahiri A.
Enhanced detection of reversible ischaemia with inotropic as compared to vasodilator stress myocardial perfusion imaging.
Heart, 1997; 77 (suppl 1): P41
347. Senior R, Hayes T, Khattar RS, Lahiri A
Superior endocardial visualisation using second harmonic compared to conventional 2D imaging.
European Heart Journal 1997; 18 (Abstr Suppl): 146
348. Khattar RS, Senior R, Lahiri A
White coat hypertension is associated with less cardiac and vascular hypertrophy in the long-term compared to sustained essential hypertension
European Heart Journal 1997; 18 (Abstr Suppl): 140
349. Soman P, Khattar R, Senior R, Raval U, Lahiri A
Improved detection of reversible myocardial perfusion defects with inotropic as compared to vasodilator stress technetium Sestamibi imaging in coronary heart disease
European Heart Journal 1997; 18 (Abstr Suppl): 436
350. Senior R, Kaul S, Raval U, Lahiri A
Demonstration of reversible ischaemia is a better predictor of functional recovery after revascularisation than presence of cellular variability alone in ischaemic cardiomyopathy
European Heart Journal 1997; 18 (Abstr Suppl): 245
351. Senior R, Kaul S, Raval U, Lahiri A
Recovery of contractile function is equally predicted by metabolic imaging and assessment of contractile reserve prior to revascularisation in patients with severe left ventricular dysfunction
European Heart Journal 1997; 18 (Abstr Suppl): 524
352. Basu S, Senior R, Kinsey C, Schaeffer S, Lahiri A
Safety of early treatment with carvedilol in acute myocardial infarction with heart failure may be related to attenuation of left ventricular remodelling
European Heart Journal 1997; 18 (Abstr Suppl): 578

353. Crawley JCW, Raval U, Soman P, Lahiri A
Quantitative nuclear cardiology: How objective?
Proceedings of First International Symposium On Nuclear And Related Techniques In
Agriculture (1997)
354. Senior R, Khattar RS, Lahiri A
Independent and incremental value of dobutamine stress echocardiography for the
detection of multivessel coronary artery disease
Proceedings of the First Annual and Plenary Meeting of the Working Group on
Echocardiography of the ESC, Prague (1997)
355. Khattar RS, Lahiri A, Senior R
Enhanced echocardiographic detection of myocardial ischaemia with inotropic stress
compared to ergometric exercise.
Heart, 1997; 78: (Suppl 1), P32
356. Soman P, Khattar P, Lahiri A, Senior R
Superiority of arbutamine over dipyridamole for the stress echocardiographic
assessment of coronary artery disease and reversible ischaemia.
Heart, 1997; 78: (Suppl 1), P32
357. Senior R, Kaul S, Lahiri A
Low dose dobutamine echocardiography predicts recovery of function after
revascularisation of severely dysfunctional segments irrespective of mechanism of
ischaemic dysfunction
Circulation 1997; 96: 8, I-590
358. Senior R, Hayes T, Powers J, Khattar RS, Lahiri A
Improved endocardial visualisation with second harmonic compared to conventional 2D
imaging
Circulation 1997; 96: 8, I-584
359. Senior R, Kaul S, Lahiri A
In ischaemic cardiomyopathy, inducible ischaemia is a better predictor of functional
recovery after revascularisation than presence of cellular viability
Circulation 1997; 96: 8, I-389
360. Khattar RS, Parsons A, Kinsey C, Senior R, Lahiri A
Ambulatory systolic blood pressure is superior to clinic measurement for the prediction
of future cardiovascular events in essential hypertension: a 10 year follow-up study
Circulation 1997; 96: 8, I-337
361. Khattar RS, Senior R, Sardina M, Boyce M, Lahiri A
Clinical evaluation of the anti-ischaemic efficacy of ITF-296, a nitric oxide donor, in
patients with chronic stable angina
Circulation 1997; 96: 8, I-94
362. Senior R, Euler R, Buchner-Moll D, Khattar RS, Lahiri A
Imidapril effectively reduces blood pressure and left ventricular hypertrophy in
hypertensive patients: a comparative study with nifedipine
Journal of American College of Cardiology 1998; 31 (5) (Suppl C): 207C

363. Senior R, Kaul S, Soman P, Khattar RS, Bokor D, Lahiri A
Myocardial perfusion imaging with colour power Doppler contrast echocardiography and intravenous BR-1
Journal of American College of Cardiology 1998; 31 (5) (Suppl C): 207C
364. Senior R, Basu S, Lahiri A
Carvedilol prevents remodelling in acute myocardial infarction with left ventricular dysfunction
Journal of American College of Cardiology 1998; 31 (2) (Suppl A): 490A
365. Senior R, Kaul S, Soman P, Khattar RS, Bokor D, Lahiri A
Myocardial perfusion imaging with colour power Doppler contrast echocardiography and intravenous BR-1
Journal of American College of Cardiology 1998; 31 (2) (Suppl A): 123A
366. Khattar RS, Senior R, A Lahiri
Natural history of white coat versus sustained hypertension - a 10 year follow-up study
Heart 1998; 79 (suppl 1): 12
367. Senior R, Soman P, Khattar RS, Lahiri A, Kaul S
Myocardial perfusion imaging with colour power Doppler contrast echocardiography
Heart 1998; 79 (suppl 1): 31
368. Senior R, Lahiri A
Low dose dobutamine echocardiography predicts recovery of dysfunctional myocardium after revascularisation irrespective of the mechanisms of ischaemic dysfunction
Heart 1998; 79 (suppl 1): 32
369. Soman P, Parsons A, Raval U, Lahiri N, Hinge D, Lahiri A
Prognostic value of normal Tc-99m Sestamibi SPECT
Heart 1998; 79 (suppl 1): 32
370. Senior R, Kaul S, Lahiri A
Improved Survival After Revascularisation In Patients With Ischaemic Cardiomyopathy
European Heart Journal 1998; 19 (abstr suppl): 335
371. Senior R and the European Trial Investigators
Enhanced endocardial visualisation with a new contrast agent BR-1 compared to routine 2D echocardiography. A European multicentre study
European Heart Journal 1998; 19 (abstr suppl): 475
372. Senior R, Kaul S, Soman P, Khattar RS, Bokor D, Lahiri A
Assessment of myocardial perfusion during intravenous BR-1 and harmonic power Doppler imaging
European Heart Journal 1998; 19 (abstr suppl): 149
373. Khattar RS, Senior R, Lahiri A
Independent association of left ventricular geometric changes and carotid atherosclerosis in essential hypertension
European Heart Journal 1998; 19 (abstr suppl): 474

374. Senior R, Basu S, Lahiri A
Prevention of remodelling with Carvedilol improves prognosis after acute myocardial infarction
European Heart Journal 1998; 19 (abstr suppl): 475
375. Khattar RS, Parsons A, Kinsey C, Senior R, Lahiri A
Relationship of ambulatory systolic and diastolic blood pressure to coronary and cerebrovascular morbidity and mortality
European Heart Journal 1998; 19 (abstr suppl): 565
376. Khattar RS, Senior R, Lahiri A
Natural history of white coat versus sustained hypertension – A 10 years follow-up study
European Heart Journal 1998;19 (abstr suppl): 595
377. Van der Does R, Hauf-Zachariou U, Pfarr E, Holtbregge W, Koenig S, Griffiths M, Lahiri A
Comparison of safety and efficacy of Carvedilol and Metoprolol in stable angina pectoris: A controlled dose-escalating study of young and elderly patients
European Heart Journal 1998;19 (abstr suppl): 686
378. Senior R, Kaul S, Lahiri A
Improved survival after revascularisation in patients with ischaemic cardiomyopathy
Proceedings of Heart Failure Update' 98, Glasgow, June 1998
379. Senior R, Basu SK, Lahiri A
Carvedilol prevents remodelling following acute myocardial infarction
Proceedings of Heart Failure Update' 98, Glasgow, June 1998
380. Khattar RS, Senior R, Lahiri A
Prognostic implications of white coat sustained hypertension – A 10 year follow-up study
Circulation 1998; 98: 17, I-430
381. Senior R, Kaul S, Lahiri
Improved survival with revascularisation compared to medical therapy in patients with heart failure due to ischaemic cardiomyopathy
Circulation 1998; 98: 17, I-518
382. Lahiri A, Soman P
Prognostic value of a normal Tc-99m Sestamibi SPECT scan in patients with intermediate probability of coronary artery disease
Proceedings of the 2nd International Congress of Coronary Artery Disease, Florence, Italy, October 1998
383. Lahiri A, Senior R
Prevention of remodelling after acute myocardial infarction: Effect of Carvedilol on LV geometry and prognosis
Proceedings of the 2nd International Congress of Coronary Artery Disease, Florence, Italy, October 1998

384. Swinburn J, Soman P, Raval U, Lahiri A, Senior R
A comparison of gated rest Tc-99m SESTAMIBI scintigraphy and echocardiography in the assessment of acute chest pain
Journal of Nuclear Cardiology 1999; 6 (pt 2 suppl): S31
385. Soman P, Taillefer R, Depuey GE, Udelson J, Lahiri A
Improved detection of reversible ischaemia by Tc-99m SESTAMIBI compared to Tc-99m Tetrofosmin SPECT imaging in mild to moderate coronary artery disease
Journal of Nuclear Cardiology 1999; 6 (pt 2 suppl): S35
386. Senior R, Kaul S, Raval U, Lahiri A
Comparison between nitrate enhanced Tc-99m and Thallium-201 uptake for the detection of viable myocardium in ischaemic cardiomyopathy
Journal of Nuclear Cardiology 1999; 6 (pt 2 suppl): S51
387. Senior R, Lahiri A
Presence of reversible ischaemia predicts long-term improvement in left ventricular function after revascularisation in patients with ischaemic cardiomyopathy
Journal of Nuclear Cardiology 1999; 6 (pt 2 suppl): S43
388. Senior R, Kaul S, Soman P, Khattar RS, Bokor D, Lahiri A
Assessment of myocardial perfusion during intravenous BR-1 and harmonic power Doppler imaging
Journal of Nuclear Cardiology 1999; 6 (pt 2 suppl): S58
389. Soman P, Banfield A, Lahiri N, Lahiri A
The prognostic value of normal stress Tc-99m SESTAMIBI SPECT
Journal of Nuclear Cardiology 1999; 6 (pt 2 suppl): S93
390. Khattar R, Senior R, van der Does R, Lahiri A
Impact of neurohormonal antagonists on ejection fraction and left ventricular remodelling: direct comparison of carvedilol versus captopril in chronic heart failure
Heart 1999; 81 (suppl 1): p9
391. Senior R, Kaul S, Lahiri A
Myocardial viability by echocardiography predicts long-term survival after revascularisation in patients with heart failure due to ischaemic cardiomyopathy
Heart 1999; 81 (suppl 1): p11
392. Swinburn J, Soman P, Raval U, Senior R, Lahiri A
Value of gated rest Technetium-99m SESTAMIBI scintigraphy in the assessment of acute chest pain
Heart 1999; 81 (suppl 1): p39
393. Soman P, Taillefer R, Raval U, Bhonsle U, Lahiri A
Tc-99m SESTAMIBI detects more reversible perfusion defect than Tc-99m tetrofosmin by dipyridamole SPECT
Heart 1999; ; 81 (suppl 1): p38

394. Swinburn J, Stubbs P, Raval U, Senior R, Collinson P, Lahiri A
Gated Tc-99m SPECT is superior to biochemical and inflammatory markers for predicting adverse cardiac events in patients presenting with acute chest pain.
European Heart Journal 1999; 20 (Abstr Suppl): 617
395. Senior R, Kaul S, Lahiri A
Myocardial viability by echocardiography predicts long-term survival after revascularisation in patients with symptomatic ischaemic cardiomyopathy
European Heart Journal 1999; 20 (Abstr Suppl): 298
396. Senior R, Swinburn J, Stubbs P, Soman P, Stephens N, Gaze D, Lahiri A
Acute tissue harmonic echocardiography is superior to biochemical variables in early risk stratification of patients presenting with non st elevation acute coronary syndrome
European Heart Journal 1999; 20 (Abstr Suppl): 512
397. Senior R, Swinburn J, Raval U, Lahiri A
Improved detection of viable myocardium early after myocardial infarction by delayed intermittent myocardial contrast echocardiography
European Heart Journal 1999; 20 (Abstr Suppl): 319
398. Khattar R, Swales JD, Senior R, Lahiri A
Dichotomous age-related effect of ambulatory diastolic blood pressure on morbidity and mortality in essential hypertension.
European Heart Journal 1999; 20 (Abstr Suppl): 595
399. Khattar RS, Senior R, van der Does R, Lahiri A
Impact of neurohormonal antagonists on left ventricular remodelling: comparison of carvedilol versus captopril in chronic heart failure.
European Heart Journal 1999; 20 (Abstr Suppl): 96
400. Soman P, Taillefer R, Udelson J, Depuey GD, Lahiri A.
A prospective multi-centre comparison of Tc-99m Sestamibi and Tc-99m tetrofosmin for the assessment of mild to moderate coronary artery disease by dipyridamole spect imaging.
European Heart Journal 1999; 20 (Abstr Suppl): 670
401. Stubbs PJ, Greenwood TW, Moseley D, Collinson P, Lahiri A
Timing of troponin T measurement to risk stratify patients admitted with chest pain in routine clinical practice
European Heart Journal 1999; 20 (Abstr Suppl): 399
402. Swinburn JM, Stubbs P, Raval U, Senior R, Collinson P, Stephens NG, Lahiri A
Comparison of gated rest perfusion imaging with biochemical and inflammatory markers for predicting adverse outcome in acute chest pain
Circulation 1999; 100 (Abstr Suppl 18): 1-726
403. Senior R, Swinburn J, Stubbs P, Soman P, Collinson P, Lahiri A
Acute tissue harmonic echocardiography is superior to biochemical variables in early risk stratification of patients presenting with non-st elevation acute coronary syndrome
Circulation 1999: 100 (Abstr Suppl 18): 1-383

404. Senior R, Swinburn J, Raval U, Lahiri A
Improved detection of viable myocardium early after myocardial infarction by delayed intermittent myocardial contrast echocardiography
Circulation 1999; 100 (Abstr Suppl 18): 1-369
405. Soman P, Lahiri A, Senior R
Can dipyridamole stress echocardiography be used to diagnose mild to moderate coronary disease?
Circulation 1999; 100 (Abstr Suppl 18): 1-369
406. Soman P, Taillefer R, Udelson J, De Puey GE III, Lahiri A
Superiority of Tc-99m Sestamibi over Tc-99m tetrofosmin for the assessment of mild to moderate coronary artery disease with vasodilator stress SPECT: A prospective multicentre study
Circulation 1999; 100 (Abstr Suppl 18):
407. Senior R, Kaul S, Lahiri A
Nitrate-enhanced Tc-99m Sestamibi SPECT is comparable to TI-201 for detection of myocardial viability and for predicting outcome in patients with heart failure
Journal of American College of Cardiology 2000; 35 (Abstr Suppl 2A): 447
408. Swinburn J, Lahiri A, Senior R
Improved detection of microvascular integrity by delayed compared to early intermittent myocardial contrast echocardiography early after acute myocardial infarction.
Journal of American College of Cardiology 2000; 35 (Abstr Suppl 2A): 446
409. Swinburn J, Senior R, Raval U, Lahiri A
Improved detection of viable myocardium early after myocardial infarction by delayed intermittent myocardial contrast echocardiography
Heart 2000; 83 (Abstr Suppl 1): P41
410. Pennell DJ, Ray S, Webster J, Davies G, Burgess M, Lahiri A, Murray G, Taylor G, Cleland JGF
The CHRISTMAS Study: Incidence of hibernation and ischaemia in heart failure
Heart 2000; 83 (Abstr Suppl 1): P47
411. Lahiri A.
The role of cardiac imaging in optimizing therapy in heart failure
Journal of Nuclear Cardiology 2000; 7:81-4
412. Senior R, Kaul S, Lahiri A.
Myocardial viability predicts regression of remodelling following revascularisation compared to medical therapy in ischaemic cardiomyopathy.
European Heart Journal 2000; 21 (Abstr Suppl); 216
413. Khattar RS, Swales JD, Senior R, Lahiri A
Ambulatory pulse pressure is a long term predictor of carotid atherosclerosis severity in essential hypertension.
European Heart Journal 2000; 21 (Abstr Suppl); 3300

414. Khattar RS, Senior R, Swales JD, Lahiri A
Prognostic significance of ambulatory systolic, diastolic and pulse pressure in middle-aged versus elderly hypertensives.
European Heart Journal 2000; 21 (Abstr Suppl); 3302
415. Swinburn JMA, Lahiri A, Senior R
Predicting recovery of myocardial function using early and delayed myocardial contrast echocardiography after acute myocardial infarction.
Circulation 2000; 102 (Abstr Suppl 18): II-661, 3196
416. Senior R, Kaul S, Lahiri A
Myocardial viability predicts regression of remodelling following revascularisation in ischaemic cardiomyopathy.
Circulation 2000; 102 (Abstr Suppl 18): II-661, 3607
417. Lahiri A
Diagnosis and management of hibernating myocardium
The Journal of Heart Failure 2000;6:33
418. Galasko GIW, Lahiri A, Senior R
Portable echocardiography – an innovative tool in the assessment of heart failure in the community.
Heart 2001; 85(suppl I): P27
419. Swinburn J, Lahiri A, Senior R
Real time contrast echocardiography predicts contractile reserve early after myocardial infarction
Journal of the American College of Cardiology 2001; (suppl A): 37, 396A
420. Senior R, Lahiri A, Kaul S
Effect of revascularisation on left ventricular remodelling in patients with severe chronic ischaemic left ventricular dysfunction: Influence on mortality
Journal of the American College of Cardiology 2001; (suppl A): 37, 439A
421. Senior R, Kaul S, Lahiri A
Nitrate enhanced ^{99m}Tc sestamibi SPECT predicts regression of remodelling following revascularisation compared to medical therapy in ischaemic cardiomyopathy
Journal of the American College of Cardiology 2001; (suppl A): 37, 435A
422. Senior R, Kaul S, Lahiri A
Nitrate enhanced Tc-99m-Sestamibi SPECT predicts regression of remodelling following revascularisation compared to medical therapy in ischaemic cardiomyopathy
Journal of Nuclear Cardiology 2001; 8(1): S47
423. Galasko GIW, Basu S, Lahiri A, Senior R
A prospective comparison of echocardiographic ejection fraction and wall motion score index with radionuclide ejection fraction in predicting outcome following acute myocardial infarction
European Heart Journal 2001;22 (Abstr Suppl):73

424. Galasko GIW, Senior R, Lahiri A
Left ventricular systolic dysfunction: its community prevalence, aetiology and underlying risk factors in a multi-ethnic community
European Heart Journal 2001;22 (Abstr Suppl):712
425. Galasko GIW, Lahiri A, Senior R
Portable echocardiography – An innovative tool in the assessment of left ventricular dysfunction in the community
European Heart Journal 2001;22 (Abstr Suppl):706
426. Senior R, Kaul S, Lahiri A
Remodelling is a better predictor of survival than ejection fraction change after revascularisation in ischaemic cardiomyopathy
European Heart Journal 2001;22 (Abstr Suppl): 36
427. Swinburn J, Lahiri A, Senior R
Microvascular integrity defined by power pulse inversion contrast echocardiography predicts contractile reserve early after myocardial infarction
European Heart Journal 2001;22 (Abstr Suppl): 616
428. Galasko GIW, Lahiri A, Senior R
Portable echocardiography: an innovative tool for community based heart failure screening programmes.
Circulation 2001; 104: II-334
429. Senior R, Swinburn JMI, Lahiri A
Enhanced prediction of myocardial viability by contrast echocardiography in dobutamine non-responsive myocardium early after acute myocardial infarction
Circulation 2001; 104: II-333
430. Galasko GI, Senior R, Lahiri A
A simple model to predict left ventricular systolic dysfunction in a multi-ethnic community
J Am Coll Cardiol 2002; 39 (5)(Suppl A): 176A
431. Cleland J, Pennell D, Webster J, Ray S, Bhattacharya A, Coats A, Lahiri A, Macfarlane P, Dalle Mule J, Vered Z, Murray G
Prevalence of hibernating myocardium and reversible “silent” myocardial ischaemia in patients with heart failure due to coronary artery disease: baseline data from the CHRISTMAS study
J Am Coll Cardiol 2002; 39 (5)(Suppl A): 187A
432. Cleland J, Pennell D, Ray S, Coats A, Lahiri A, Macfarlane P, Dalle Mule J, Vered Z, Murray G
The Carvedilol hibernation reversible ischaemia trial: Marker of success (CHRISTMAS)
J Am Coll Cardiol 2002; 39 (5)(Suppl A): 172A
433. Swinburn J, Lahiri A, Senior R
Enhanced prediction of myocardial viability by contrast in dobutamine non-responsive myocardium early after acute myocardial infarction
Heart 2002; 87 (suppl II): P25

434. Galasko GIW, Lahiri A, Trawinski J, Baumann M, Senior R
Can natriuretic peptides screen for left ventricular diastolic dysfunction in the absence of left ventricular systolic dysfunction in the community?
Heart 2002; 87 (suppl II): P12
435. Galasko GIW, Lahiri A, Senior R
Is wall motion score index a valid measure of left ventricular systolic dysfunction in the normal population?
Heart 2002; 87 (suppl II): P26
436. Galasko GIW, Senior R, Lahiri A
The prevalence and aetiology of left ventricular systolic dysfunction in a multi-ethnic community.
Heart 2002; 87 (suppl II): P15
437. Galasko G, Senior R, Lahiri A
Modelling left ventricular dysfunction in the community setting
European Heart Journal 2002; Vol 23 (abstr suppl): 79
438. Galasko G, Lahiri A, Senior R, Trawinski J, Baumann M
Can natriuretic peptides screen for left ventricular diastolic dysfunction in the community?
European Heart Journal 2002; Vol 23 (abstr suppl): 80
439. Swinburn J, Lahiri A, Senior R
Improved prediction of myocardial viability by contrast echo in dobutamine non-responsive myocardium early after acute myocardial infarction.
European Heart Journal 2002; Vol 23 (abstr suppl): 397
440. Cleland JGF, Pennell DJ, Ray S, Coats A, Lahiri A, Dalle Mule J, Vered Z
Effect of Carvedilol on myocardial ischaemia, hibernation and viability in patients with left ventricular systolic dysfunction due to CAD
European Heart Journal 2002; Vol 23 (abstr suppl): 81
441. Cleland JGF, Pennell DJ, Ray S, Coats A, Lahiri A, dalle Mule J, Vered Z
Myocardial hibernation and ischaemia are common in patients with heart failure and left ventricular dysfunction secondary to coronary disease and important determinants of the response to
European Heart Journal 2002
442. Mule JD, Cleland JGF, Pennell DJ, Perelli R, Murray G, Coats AJS, Ray S, Lahiri A, Macfarlane PW, Vered Z
Effect of Carvedilol to correct interventricular dyssynchrony in patients with chronic heart failure due to ischemic left ventricular systolic dysfunction: Results of the CHRISTMAS study
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 222A
443. Sabharwal NK, Cemin R, Rajan K, Hickman M, Lahiri A, Senior R
Left atrial volume is a powerful independent predictor of mortality in patients with ischaemic cardiomyopathy
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 459A

444. Janardhanan R, Lahiri A, Senior R
 Diagnosis of coronary artery disease in heart failure: role of myocardial contrast echocardiography in patients with first presentation of heart failure not due to acute myocardial infarction
 Journal of American College of Cardiology 2003; 41(6)(Suppl A): 466A
445. Galasko GI, Senior R, Lahiri A
 The prevalence of diastolic heart failure in the community
 Journal of American College of Cardiology 2003; 41(6)(Suppl A): 149A
446. Galasko GI, Barnes S, Gaze D, Collinson P, Senior R, Lahiri A
 What is the normal range for n-terminal pro-brain natriuretic peptide levels in the community?
 Journal of American College of Cardiology 2003; 41(6)(Suppl A): 222A
447. Janardhanan R, Lahiri A, Raval U, Kinsey C, Senior R
^{99m}Tc sestamibi gated SPECT and myocardial contrast echocardiography in acute pulmonary oedema: Diagnosis of underlying coronary artery disease
 Journal of Nuclear Cardiology 2003; 10(1): S6
448. Sabharwal NK, Taneja AK, Stoykova B, Raval U, Kinsey C, Lahiri A
 Gated Tc-99m sestamibi imaging significantly reduces intermediate likelihood of coronary artery disease compared to exercise electrocardiography: A randomized study of stable chest pain syndrome
 Journal of Nuclear Cardiology 2003; 10(1): S41
449. Stoykova B, Sabharwal NK, Lahiri A, Dowie R
 The role of stress myocardial perfusion SPECT in risk stratification of patients attending rapid access chest apin clinics
 Journal of Nuclear Cardiology 2003; 10(1): S73
450. Hickman M, Jeetley P, Sabharwal N, Kinsey C, Raval U, Senior R, Lahiri A
 Extent of reversible myocardial perfusion abnormality determines the degree of post-ischaemic stunning
 Journal of Nuclear Cardiology 2003; 10(1): S39
451. Anand V, Lipkin D, Lahiri A
 Myocardial perfusion imaging is a gate-keeper for risk stratifying asymptomatic patients with increased coronary calcium scores
 Journal of Nuclear Cardiology 2003; 10(1): S76
452. Sabharwal NK, Taneja A, Raval U, Kinsey C, Lahiri A
 Gated Sestamibi SPECT improves diagnosis and risk stratification in patients with stable chest pain syndrome
 Heart 2003;89 (suppl 1): A44
453. Janardhanan R, Lahiri A, Senior R
 The electrocardiogram in patients with acute heart failure without signs of acute myocardial infarction is a poor predictor of left ventricular systolic dysfunction
 Heart 2003; 89 (suppl 1): A6

454. Hickman M, Jeetley P, Sabharwal N, Lahiri A
Microvascular dysfunction in hypertensives and diabetics causes stress induced LV dilatation in patients with normal perfusion SPECT
Journal of Nuclear Cardiology 2003;10(4): S31
455. Janardhanan R, Raval U, Kinsey C, Lahiri A, Senior R
Detection of coronary artery disease in heart failure: role of myocardial contrast echocardiography in patients with first presentation of heart failure without acute myocardial infarction
European Heart Journal 2003:
456. Hickman M, Jeetley P, Sabharwal NK, Lahiri A, Senior R
Can myocardial contrast echocardiography replace SPECT for the diagnosis of coronary artery disease?
Circulation 2003;108(17): IV-340
457. Galasko G, Lahiri A, Barnes SC, Collinson P, Senior R
Screening for left ventricular systolic dysfunction in the community by use of hand-held echocardiography, N-Terminal pro-brain natriuretic peptide or both, a cost-effectiveness analysis
Circulation 2003;108(17): IV-715
458. Galasko G, Senior R, Barnes SC, Collinson P, Lahiri A
A simple clinical risk score to predict left ventricular systolic dysfunction in high risk members of the general population
Circulation 2003;108(17): IV-777
459. Sabharwal N, Stoykova B, Dowie R, Lahiri A
Should myocardial perfusion imaging be the primary test in stable chest pain syndromes?
Circulation 2003; 108(17): IV-456
460. Sabharwal NK, Stoykova B, Dowie R, Lahiri A
Myocardial perfusion imaging – the primary test in the chest pain clinic?
British Nuclear Cardiology 2003;
461. Hickman M, Janardhanan R, Dwivedi G, Lahiri A, Senior R
Can resting myocardial contrast echocardiography replace ^{99m}Techetium Sestamibi SPECT for the diagnosis of myocardial viability following myocardial infarction
Journal of American College of Cardiology 2004; 43(5) (Suppl A); 1036-156-314A
462. Hickman M, Sabharwal NK, Jeetley P, Lahiri A, Senior R
Regression of left ventricular remodelling but not an improvement of resting left ventricular ejection fraction following revascularisation is determined by the quantity of myocardial viability
Journal of American College of Cardiology 2004; 43(5) (Suppl A) 1151-164-361A
463. Janardhanan R, Hickman M, Lahiri A, Senior R
Myocardial contrast echocardiography accurately predicted coronary artery disease in patients presenting with acute heart failure
Journal of American College of Cardiology 2004; 43(5) (Suppl A) 1001-26-9A

464. Anand DV, Hopkins D, Sharp P, Lim E, Fourie S, Raval U, Lipkin D, Corder R, Lahiri A
Prevalence of silent myocardial ischaemia in asymptomatic type 2 diabetic patients with subclinical atherosclerosis
Journal of American College of Cardiology 2004; 43(5) SupplA; 816-6-349A
465. Anand DV, McQuillan H, Lim E, Lahiri A, Lipkin D
Evaluation of silent aortocoronary saphenous vein bypass graft attrition by contrast enhanced electron beam tomography
Heart 2004; Vol.90; Suppl 3; A15
466. Anand DV, Lim E, Hopkins D, Sharp P, Fourie S, Raval U, Lipkin D, Corder R, Lahiri A
Prevalence and clinical predictors of silent myocardial ischaemia in patients with type 2 diabetes
Heart 2004; Vol 90; Suppl 2, A58
467. Janardhanan R, Raval U, Kinsey C, Lahiri A, Senior R
Myocardial contrast echocardiography and ^{99m}Tc-sestamibi gated SPECT in acute heart failure. Diagnosis of underlying coronary artery disease
Heart 2004; Vol. 90; Suppl.2; A34
468. Sabharwal NK, Stoykova B, Taneja A, Lahiri A
Myocardial perfusion imaging is cost-effective and superior as an initial test in the chest pain clinic. A randomised study comparing ^{99m}Tc-sestamibi SPECT with exercise testing
Heart 2004; Vol.90; Suppl 3, A15
469. Galasko G, Lahiri A, Barnes S, Collinson P, Senior R
Cost-effectiveness of screening for left ventricular systolic dysfunction in the general population and in high risk subjects, a comparison of eight potential screening strategies
Heart 2004; Vol.90, Suppl 2, A19
470. Anand V, Fourie S, Hopkins D, Sharp P, Lahiri A
Prevalence of silent ischaemia in diabetic patients with subclinical atherosclerosis: Detection by stress Myocardial Perfusion Imaging
Journal of American College of Cardiology 2004; 43 (5) (Suppl A) 816-6-340A
471. Soman Prem, Lahiri A, Mieres J, Calnon D, Wolinsky D, Beller G, Sias T, Burnham K, Conway L, McCullough P, Daher E, Walsh M, Wight J, Heller G, Udelson J
Investigation of myocardial-gated SPECT Imaging as an initial strategy in heart failure: The IMAGING in heart failure study
Journal of American College of Cardiology 2004; 43(5) (Suppl A);1056-142-323A
472. Lim Eric, Lahiri Avijit
Should we be screening for myocardial hibernation in heart failure?
Journal of Nuclear Cardiology 2004; 11(2): 114-117
473. Lim E, Anand V, Raval U, Lipkin D, Lahiri
Relationship between coronary calcium and 99M-TC Sestamibi SPECT myocardial perfusion abnormalities
Heart 2004; Suppl 2; A56

474. Anand DV, Lim E, Hopkins D, Sharp P, Fourie S, Raval U, Lipkin D, Corder R, Lahiri A
Prediction of silent myocardial ischaemia in asymptomatic Type 2 diabetics without prior coronary artery disease: comparison between traditional risk factors, inflammatory markers and coronary calcium
Circulation 2004; 110 Suppl 3: 683
475. Anand DV, Lim E, Hopkins D, Corder R, Lahiri A
Coronary calcium, silent myocardial ischaemia and inflammatory biomarkers in asymptomatic type 2 diabetic subjects without prior cardiovascular disease
Journal of Nuclear Cardiology
476. Anand VD, Lim E, Hopkins D, Corder R, Sharp P, Lahiri A
Prognostic value of coronary artery calcium screening in asymptomatic patients with type 2 diabetes
Heart 2005; 91 (Suppl 1) A16
477. Anand DV, Lahiri A, Lim E, Corder R
Plasma osteoprotegerin levels predict the extent of subclinical coronary atherosclerosis and adverse cardiac events in asymptomatic type 2 diabetic subjects
Heart 2005; 91 (Suppl 1) A17
478. Lim E, Raval U, Jain P, Anand V, Nagar K, McCann J, Lahiri A
Dipyridimole-induced ST-segment depression does not predict obstructive coronary artery disease or coronary calcification in asymptomatic type II diabetics.
European Journal of Nuclear Medicine & Molecular Imaging; Vol 32, Suppl I, Sept 2005 93, S39
479. Anand V, Lim E, Hopkins D, Corder R, Sharp P, Lipkin D, Lahiri A
Coronary artery calcification predicts silent myocardial ischaemia and short-term outcome in prospective study of uncomplicated type II diabetes (submitted).
480. Anand V, Karko D, Corder R, Hopkins D, Lipkin D, Lahiri
Progression of coronary calcium in Type 2 Diabetes: Relationship to Myocardial Perfusion Abnormalities; Late Breaking Clinical Trial Session, ASNC, Montreal, 2006
481. Anand V, Corder R, Darko D, Hopkins D, Lahiri A
Determinants of Progression of Coronary artery calcification in Type 2 Diabetes: The Role of Plasma Osteoprotegrin levels.
Circulation 2006; vol 114, suppl II, 817
482. Lim ETS, Anand DV, Jain P, Gani F, Torgalkar S, Kooner J, Lahiri A
Increased risk of abnormal myocardial perfusion in Type II diabetic subjects compared to non-diabetic subjects with similar levels of coronary artery calcification.
British Nuclear Cardiology Society, November 2006
483. Lim E T S, Anand D V., Jain P., Gani F., Torgalkar S., Kooner J., Lahiri A.
Type II diabetes increases risk of myocardial ischaemia compared to non-diabetic patients with similar levels of coronary artery calcification
Journal of Nuclear Cardiology, Vol 14, Issue 2, Suppl I, March 2007 S2

483. Anand V, Lim E, Darko D, Hopkins D, Corder R, Lipkin D, Lahiri A
Progression of coronary atherosclerosis is related to increasing burden of silent myocardial ischaemia in type 2 diabetes
Journal of Nuclear Cardiology, Vol 14, Issue 2, Suppl I, March 2007, S35
484. Lim E T S, Gani F, Jain P, Anand D V, Kooner J., Lahiri A.
Coronary calcification in type 2 diabetes patients is associated with an increased risk of myocardial ischaemia compared to non-diabetic patients.
Heart, Vol. 93, Suppl 1, June 2007, A62
485. Anand D, Lim E, Hopkins D, Darko D, Lipkin D, Corder R, Lahiri A
Determinants of progression of coronary artery calcification in type 2 diabetes
Heart, Vol. 93, Suppl 1, June 2007, A62
486. Anand D, Lim E, Hopkins D, Darko D, Lipkin D, Corder R, Lahiri A
Determinants of progression of coronary artery calcification in type 2 diabetes: Role of glycaemic control and inflammatory/vascular calcification markers
Journal of Nuclear Cardiology
487. Anand DV, Lim E, Darko D, Bassett P, Hopkins D, Corder R, Lahiri A
Plasma osteoprotegerin and progression of coronary artery calcification in Type 2 diabetes
2nd International Symposium, Integrated Biomarkers in Cardiovascular Disease, Berlin, Germany, June 2007, 52
488. Anand DV, Hopkins D, Lim E, Sharp P, Raval U, Lipkin D, Corder R, Lahiri A
Role of dual imaging CT SPECT for risk stratification in diabetic patient
7th International Congress on Coronary Artery Disease
Journal of Coronary Artery Disease, Vol 7 (1), October 2007, 305
489. Jain P, Chambers JC, Elliott P, Williams ED, Kraly B, Muscat S, Lahiri A, Kooner JS
Coronary artery calcification as a predictor of increased coronary heart disease risk in UK Indian Asians
Heart, Vol. 94, Suppl II, July 2008, A77(143)
490. Jain P, Lahiri A
Similar prevalence of silent myocardial ischaemia in UK Indian Asians and European Whites with comparable levels of coronary artery calcification: Results from the LOLIPOP intensively phenotype subgroup
Late-Breaking session, American Society of Nuclear Cardiology, 2008
491. Jain P, Chambers J, Elliott P, Lahiri A, Kooner J
Indian Asians demonstrate similar coronary artery calcium burden compared to European whites higher coronary heart disease mortality
American Heart Association, Nov 2008
492. Jain P, Chambers J, Elliott P, Raval U, Kooner J, Lahiri A
Myocardial perfusion imaging as a predictor of increased coronary heart disease risk in UK Indian Asians
American Heart Association, Nov 2008

493. Venuraju S, Yerramsu A, Lahiri A
Cardiac computed tomography and nuclear cardiology – introducing a paradigm shift in our approach to coronary artery disease
9th Asia Oceania Congress of Nuclear Medicine and Biology, New Delhi, India, Nov 2008
494. Weymouth M, Venuraju S, Yerramasu A, Lahiri A
Comparison of left ventricular parameters measured by dual source CT coronary angiography and trans-thoracic echocardiography (Poster)
American Society of Echocardiography, 2009
495. Weymouth M, Venuraju SM, Yerramasu A, Lahiri A
Head to Head comparison of cardiac CT and echocardiography for evaluation of LV systolic function
American Society of Echocardiography, 2009
496. Yerramasu A, Venuraju S, Wright M, Lahiri A
Dual source CT coronary angiography for assessment of global LV function – Comparison with gated SPECT
European Heart Journal 2009
497. Yerramsu A, Venuraju S, Lahiri A
Comparison of left ventricular functional parameters measured by dual source CT coronary angiography and by gated single photon emission computed tomography
International Congress of Nuclear Cardiology 2009
498. Yerramasu, Venuraju S, Atwal S, Lahiri A
Radiation burden of dual source CT coronary angiography in clinical practice: Strategies for dose optimisation
British Nuclear Cardiology Society 2010
499. Yerramasu A, Venuraju S, Lahiri A
Dual-source CT coronary angiography: factors determining image quality and diagnostic accuracy
International Congress of Nuclear Cardiology 2011
500. Yerramasu A, Venuraju S, Lahiri A
Objective evaluation of factors determining the radiation burden of dual source CT coronary angiography in clinical practice
International Congress of Nuclear Cardiology 2011
501. Yerramasu A, Venuraju S, Dhakshinamurthy V, Atwal S, Dey D, Shaw L, Berman D, Lahiri A
Association of epicardial and thoracic adipose tissue with coronary calcium burden in asymptomatic diabetic subjects
International Congress of Nuclear Cardiology 2011
502. Yerramasu A, Venuraju S, Dhakshinamurthy V, Atwal S, Dey D, Shaw L, Berman D, Lahiri A
Association of epicardial adipose tissue with metabolic syndrome in patients with type II diabetes mellitus
International Congress of Nuclear Cardiology 2011

503. Venuraju S, Yerramasu A, Raval U, Lahiri A
Role of CT coronary angiography in detecting functionally significant coronary lesions
International Congress of Nuclear Cardiology 2011
504. Venuraju S, Yerramasu A, Atwal S, Lahiri A
Prevalence of coronary atherosclerosis in diabetic subjects with and without symptoms
International Congress of Nuclear Cardiology 2011
505. Yerramasu A, Venuraju S, Patel D, Rakhit R, Lahiri A
Randomized controlled trial to evaluate the cost and clinical effectiveness of CT
coronary angiography in patients with stable angina pectoris;
Late-breaking session
International Congress of Nuclear Cardiology 2011

DEPARTMENTAL PUBLICATIONS

- 1 Senior R, Lepper W, Pasquet A, Chung G, Hoffman R, Vanoverschelde JL, Kaul S.
Reversible Perfusion Defects During Dipyridamole Myocardial Contrast
Echocardiography for the Detection of Coronary Artery Disease: A Multicenter Study
J Am Coll Cardiol 2002; 39 (5)(Suppl A): 388A
- 2 Greaves K, Dixon SR, Fejka M, O'Neill WW, Redwood S, Marber M, Senior R
A comparison of myocardial contrast echocardiography with other modalities of
microvascular reperfusion assessment in predicting left ventricular function one month
after acute myocardial infarction.
J Am Coll Cardiol 2002; 39 (suppl B):2618
- 3 Senior R, Lepper W, Pasquet A, Chung G, Hoffman R, Vanoverschelde JL, Kaul S
Reversible perfusion defects during dipyridamole myocardial contrast echocardiography
for the detection of coronary artery disease
European Heart Journal 2002; Vol 23 (abstr suppl): 301
- 4 Janardhanan R, Swinburn J, Greaves K, Senior R
Real time myocardial contrast echocardiography early after acute myocardial infarction
accurately predicts late functional recovery
European Heart Journal 2002; Vol 23 (abstr suppl): 548
- 5 Janardhanan R, Moon JCC, Pennell DJ, Senior R
Prediction of the extent of myocardial necrosis and contractile reserve after reperfusion
therapy following acute myocardial infarction: Comparison between myocardial contrast
echocardiography and contrast enhanced cardiovascular magnetic resonance
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 433A
- 6 Janardhanan R, Swinburn JMA, Greaves K, Senior R
Myocardial contrast echocardiography using low power continuous imaging early after
acute myocardial infarction accurately predicts late functional recovery
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 433A
- 7 Senior R, Lepper W, Pasquet A, Chung G, Hoffman R, Vanoverschelde JL, Cerqueria
M, Kaul S
Myocardial contrast echocardiography is superior to Tc-99m SPECT for the diagnosis
of coronary artery disease in patients without prior acute myocardial infarction: a
multicentre study
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 432A
- 8 Jeetley P, Hickman M, Senior R
Intermediate mechanical index triggered replenishment (every cardiac cycle) myocardial
contrast echocardiography – a new and accurate method for the assessment of
coronary artery disease
Journal of American College of Cardiology 2003; 41(6)(Suppl A):413A
- 9 Hickman M, Swinburn J, Senior R
Wall thickening assessment with tissue harmonic echocardiography results in improved
risk stratification for patients with non-ST segment elevation acute chest pain
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 460A

- 10 Kaul S, Senior R, Firschke C, Lindner JR, Villanueva FS, Firoozan S, Kontos MC, Taylor AJ, Watson DD, Wang XQ
Incremental value of cardiac imaging in patients presenting to the emergency department with chest pain and without ST-segment elevation: A multicenter study
Journal of American College of Cardiology 2003; 41(6)(Suppl A): 411A
- 11 Janardhanan R, Moon JCC, Pennell DJ, Senior R
Myocardial contrast echocardiography accurately reflects transmural of myocardial necrosis and predicts contractile reserve after acute myocardial infarction
Heart 2003;89 (suppl 1): A28
- 12 Janardhanan R, Swinburn JMA, Greaves K, Senior R
Myocardial contrast echocardiography early after acute myocardial infarction accurately predicts late functional recovery
Heart 2003;89 (suppl 1): A50
- 13 Hickman M, Jeetley P, Senior R
Quantitative Validation of Intermediate Power Triggered Replenishment Imaging as a Method to Assess Myocardial Blood Flow
Heart 2003 (in press)
- 14 Janardhanan R, Moon JCC, Pennell DJ, Senior R
Transmurality of acute myocardial infarction is accurately predicted by myocardial contrast echocardiography: Comparison with contrast enhanced cardiovascular magnetic resonance
J Am Soc Echocardiogr 2003 (in press)
- 15 Jeetley P, Swinburn J, Hickman H, Bellenger N, Pennell D, Senior R
Can myocardial contrast echocardiography predict left ventricular remodelling following acute myocardial infarction?
Eur Heart J 2003 (in press)
- 16 Senior R, Galasko G, Hickman M, Jeetley P
Community screening for left ventricular hypertrophy in hypertensive patients using hand-held ultrasonography.
Eur Heart J 2003 (in press)
- 17 Hickman M, Jeetley P, Senior R
Quantitative validation of intermediate power triggered replenishment imaging as a method to assess myocardial blood flow
Eur Heart J 2003 (in press)
- 18 Janardhanan R, Senior R
Vasodilator myocardial contrast echocardiography accurately predicts flow limiting coronary artery stenosis following thrombolysis in acute myocardial infarction
Eur Heart J 2003 (in press)
- 19 Janardhanan R, Senior R
Myocardial contrast echocardiography accurately predicts residual infarct related artery stenosis and multivessel disease following thrombolysis
J Am Coll Cardiol, 2004; 43:2247-2252

- 20 Jeetley P, Hickman M, Senior R
Quantitative assessment of myocardial blood flow and coronary flow reserve using intermediate mechanical index myocardial contrast echocardiography
Journal of American College of Cardiology 2004
- 21 Janardhanan R, Burden L, Senior R
Collateral blood flow in the presence of persistently occluded infarct related artery can be accurately predicted by myocardial contrast echocardiography
Journal of American College of Cardiology 2004