

CURRICULUM VITAE

Duncan Simon DYMOND MD FRCP FACC FESC

August 2005

CITIZENSHIP: British

DATE OF BIRTH: 25th February 1950

MARITAL STATUS: Married, with two children

EDUCATION: (Pre-Medical)
Colet Court Preparatory School 1958-1963
St. Paul's School, Hammersmith 1963-1967
(Medical Education)
St. Bartholomew's Hospital Medical School
University of London, England 1967-1972

QUALIFICATIONS: M.R.C.S., L.R.C.P. (Conjoint) - July, 1972
M.B., B.S. (London) - November, 1972
M.R.C.P. (U.K.) - September, 1974
M.D. (London University) - October, 1980
(Thesis accepted and degree awarded October 1980)
F.R.C.P. 1991

REGISTRATION: Full GMC registration January 1974
(No 1560022).

ACCREDITATION: Accredited in Cardiology, September 1983.

CURRENT APPOINTMENT: Consultant Cardiologist
Department of Cardiology
St. Bartholomew's Hospital
West Smithfield
London EC1A 7BE. (From 1/1/87)

PREVIOUS
APPOINTMENTS:

House Surgeon to:
Mr. N.G. Rothnie and Mr. Reed
Royal Berkshire Hospital
Reading, England
January - July, 1973

House Physician to:
Dr. G.W. Hayward and Dr. H.W. Balme
St. Bartholomew's Hospital
London, England
(General Medicine, Rheumatology and
Cardiology)
July - December, 1973.

Senior House Officer in General Medicine to:
Dr. S.H. Llewellyn Smith and Dr. D.E. Jewitt
Lewisham Hospital
London, England
January - December 1974

Aylwen Bursary Registrar to:
Dr. G.W. Hayward and Dr. R.A.J. Spurrell
Department of Cardiology
St. Bartholomew's Hospital
London, England
February, 1975 - July, 1976

Research (British Heart Foundation) Registrar
to:
Dr. R.A.J. Spurrell
Department of Cardiology
St. Bartholomew's Hospital
London, England
July, 1976 - February, 1979

Honorary Senior Registrar to:
Department of Cardiology
St. Bartholomew's Hospital
London, England
February, 1979 - March, 1980

Assistant Professor of Medicine
Director of Nuclear Cardiology
University of Wisconsin - Mount Sinai Medical
Center Milwaukee, Wisconsin, U.S.A.
March 1980 - September 1981.

Senior Registrar to the Department of
Cardiology (Dr.R.A.J. Spurrell and Dr. S.O.
Banim)
St. Bartholomew's Hospital
London, England
September 1981 - November 1986.

AWARDS:

(Pre-Medical)
Lord Pearson Public Speaking Prize (1963)
St. Paul's School, Hammersmith

Senior Foundation Scholar (1965)
St. Paul's School, Hammersmith

(Medical)
David Weitzman Memorial Prize in Cardiology
(1972)

Proxime Accessit in Brackenbury Prize in
General Medicine (1972)

Prize for best paper at 11th Annual Congress
of the British Nuclear Medicine Society,
London, April 1983.

PROFESSIONAL
SOCIETIES:

Fellow, The Royal College of Physicians of London, 1991

Fellow, The Royal Society of Medicine

Member, British Cardiac Society

Fellow of the American College of Cardiology

Founder Fellow of European Society of Cardiology

- COMMITTEES:
- Founder Member of The European Society of Cardiology Working Group on Nuclear Cardiology.
 - Chairman (July 1984 - July 1988) of the European Society Cardiology Working Group on Nuclear Cardiology and Magnetic Resonance Imaging.
 - Founder and organiser of the British Nuclear Cardiology Group.
 - Member of Radiation Safety Committee, St. Bartholomew's Hospital.
 - Member of Education Committee of the British Heart Foundation 1990-1994
 - Council Member of the British Cardio Vascular Intervention Society (1988-1990)
 - Hon Secretary, British Cardiac Society 1990-1994.
 - Member of Royal College of Physicians Cardiology Committee 1991 - 1994.
 - Chairman, Multidisciplinary Angiogram Laboratories User Group, St Bartholomew's Hospital, 1999-
 - Co-Chairman, Clinical Governance Committee, and Lead Clinician for Audit and Clinical Standards Wellington Hospital, London, 2003-
 - Member of Medical Advisory committee Wellington Hospital 2003-
- EDITORSHIPS:
- Editor in Chief
C.M.E. Bulletin in Cardiology (1998-2001)
- MEDIA:
- Articles written for: The Guardian
The Observer

The Daily Mail
The New Statesman

Frequent appearances on Television & Radio
(see separate Media CV for full details).

CURRENT PRACTICE

Before becoming an Interventional Cardiologist my background was in cardiac imaging, and I was one of the first people to do Nuclear Cardiology in the UK. I wrote my MD thesis on radionuclide angiography and was Chairman of the European Society of cardiology Working Group on Nuclear Cardiology and MRI for 4 years. I also founded the British Nuclear Cardiology Group. I have retained my interest imaging the heart and am now particularly interested in CT and MRI.

My main practicing role now is as a busy Interventional Cardiologist at St. Bartholomew's Hospital. I have primary responsibility for the day to day running and supervision of our 3 angiographic laboratories. I carried out my first PTCA (coronary angioplasty) in the USA in 1980, and have performed several thousand PTCA's and stent implantations in native coronary vessels and in vein grafts. I implanted one of the first Wiktor stents in the UK, and the first AVE microstent in the UK. I was the major investigator for our hospital in the RITA trial, and also the FLARE trial. I am a regular member of the Barts on call team, and regularly perform emergency procedures on 'hot transfers' from our outlying District Hospitals, including Primary Angioplasty for acute myocardial infarction. I have experience of the use of distal protection devices such as to prevent distal embolisation from vein grafts, and have also used clot extraction devices such as the X-Sizer. I am experienced in directional atherectomy and extraction atherectomy (TEC).

I have a major role in teaching and training Interventional Cardiology to Specialist registrars and to Consultant colleagues. My caseload now tends to consist of more complex lesions, elderly patients, vein grafts etc. I regularly perform multi-vessel stenting using drug eluting stents.

Between my NHS practice and the Private Sector I currently carry out about 275 to 300 cases per year as first operator.

As well as my interventional practice, I do a general cardiology out-patient clinic, regular ward rounds, and participate in our clinical audit programme once a month.

I have been a member of our directorate management team, with particular responsibilities for Clinical Competency and Clinical Practice committees. Now I am Chair of the Multidisciplinary Catheter Laboratory Users Group. I lecture regularly to hospital doctors, general practitioners, and other hospital staff. I teach on the MRCP course at regular intervals.

In the Private sector I am lead clinician for Clinical Standards, and co-chair the Clinical Governance Committee at the Wellington Hospital in London, and am a member of the Medical Advisory Committee (MAC).

I have published over 100 papers in peer review journals, and written three books, two as sole author and one jointly. 'The Plain English Guide to Heart Disease' (Blake Publishing) was published in 2003, as was 'How to Cope Successfully with High Blood Pressure' (Wellhouse Publishing).

I am Chief Medical Officer for GE Reinsurance Company in the city of London, and apart from my role in assisting the underwriting of life insurance, I lecture regularly to senior members of this Industry on topics such as 'the changing face of cardiac surgery', and 'the redefinition of myocardial infarction using Troponin'. I have also lectured at International Underwriting Congresses.

I am also the Cardiologist to Chelsea Football Club.

PAPERS

- 1) Positive myocardial scintigraphy at the bedside-evaluation using a portable gamma camera.
Dymond D.S., Jarritt P.H., Britton K.E., Langley D., Spurrell R.A.J.
Postgraduate Medical Journal 1978, 54:641-48.
- 2) Enhancement by isosorbide dinitrate of the haemodynamic effects of dopamine in chronic congestive cardiac failure.
Stephens J.D., Dymond D.S., Spurrell R.A.J.
British Heart Journal 1978, 40:838-44.
- 3) Coronary care: The place of positive myocardial scintigraphy.
Dymond D.S., Jarritt P.H., Britton K.E., Spurrell R.A.J.
Proceedings of the 15th International Annual Meeting of European Society of Nuclear Medicine (Schattauer Verlag, Stuttgart) 1979,

475-77.

- 4) Detection of post infarction left ventricular aneurysms by first pass radionuclide ventriculography using a multicrystal gamma camera.
Dymond D.S., Jarritt P.H., Britton K.E., Spurrell R.A.J.
British Heart Journal 1979, 41:68-78.
- 5) Detection of a false left ventricular aneurysm by first pass radionuclide ventriculography. A case report.
Dymond D.S., Elliott A.T., Banim S.
Journal of Nuclear Medicine 1979, 20:851-4.
- 6) Cardiac emission tomography in patients using 201-Thallium: A new technique for perfusion scintigraphy.
Dymond D.S., Stone D.L., Elliott A.T., Britton K.E., Spurrell R.A.J.
Clinical Cardiology 1979, 2:192-6.
- 7) Sinus node dysfunction associated with absence of the right superior vena cava.
Camm A.J., Dymond D.S. and Spurrell R.A.J.
British Heart Journal 1979, 41:504-507.
- 8) Influence of sodium nitroprusside alone and in combination with phenylephrine on systemic and coronary haemodynamics.
Stephens J.D., Hayward R.P., Dymond D.S., Ead H., Adams L., Spurrell R.A.J.
British Heart Journal 1979, 41:456-62.
- 9) Comparison of single plane and biplane radionuclide ventriculograms performed in oblique projections in patients with acute myocardial infarction.
Dymond D.S., Stone D., Elliott A.T., Britton K.E., Banim S.O., Spurrell R.A.J.
British Heart Journal 1979, 42:671-79.
- 10) The unmasking of wall motion abnormalities in patients with coronary artery disease by first pass radionuclide ventriculography following rapid atrial pacing and bicycle ergometry.
Dymond D.S., Stone D., Elliott A.T., Britton K.E., Spurrell R.A.J.
Proceedings of the 16th International Annual Meeting, European Society of Nuclear Medicine. (Springer Verlag, Stuttgart) 1980,

443-5.

- 11) The first pass radionuclide assessment of global and segmental ventricular function in patients with left ventricular aneurysms at rest and exercise.
Dymond D.S., Jarritt P.H., Elliott A.T., Britton K.E., Spurrell R.A.J.
Ibid 1980, 395-8.
- 12) Assessment of the function of the contractile segments in patients with left ventricular aneurysms by quantitative first pass radionuclide ventriculography.
Dymond D.S., Stephens J., Stone D., Jarritt P.H., Elliott A., Britton K.E., Spurrell R.A.J.
British Heart Journal 1980, 43:125-33.
- 13) The radionuclide and haemodynamic assessment of left ventricular functional reserve in patients with left ventricular aneurysm and congestive cardiac failure. Response to exercise stress and isosorbide dinitrate.
Stephens J.D., Dymond D.S., Spurrell R.A.J.
Circulation 1980, 61:536-42.
- 14) Left ventricular aneurysm and congestive cardiac failure: the value of exercise stress and isosorbide dinitrate in predicting haemodynamic results of aneurysmectomy.
Stephens J.D., Dymond D.S., Stone D.L., Rees G.M., Spurrell R.A.J.
American Journal of Cardiology 1980, 45:932-9.

- 15) Dual isotope stress testing in congenital atresia of the left coronary ostium: applications before and after surgical treatment.
Dymond D.S., Camm A.J., Stone D.L., Rees G.M., Rees S., Spurrell R.A.J.
British Heart Journal 1980, 43:270-275.
- 16) The use of first pass radionuclide ventriculography in the assessment of wall motion abnormalities induced by incremental atrial pacing in patients with coronary artery disease.
Stone D.L., Dymond D.S., Elliott A.T., Britton K.E., Banim S.O., Spurrell R.A.J.
British Heart Journal 1980, 43:369-75.
- 17) Suppression of long standing incessant ventricular tachycardia by amiodarone.
Ward D.E., Camm A.J., Wang R., Dymond D.S., Spurrell R.A.J.
Journal of Electrocardiology 1980, 13:193-198.
- 18) Exercise first pass radionuclide ventriculography in detection of patients with coronary artery disease.
Stone D.L., Dymond D.S., Elliott A.T., Britton K.E., Banim S.O., Spurrell R.A.J.
British Heart Journal 1980, 44:208-14.
- 19) The investigation of left ventricular function by single pass radionuclide techniques.
Dymond D.S.
Latin Journal of Cardiology 1980, 1:97-107.
- 20) Cardiac emission tomography with 201-Thallium for the assessment of myocardial perfusion.
Dymond D.S., Stone D.L., Elliott A.T., Britton K.E., Banim S.O., Spurrell R.A.J.
Proceedings of the 17th International Meeting of European Society of Nuclear Medicine (Springer Verlag) 1980, 246-248.
- 21) First pass radionuclide angiography - assessment of ventricular function under stress.
Dymond D.S. and Stone D.L.
The Journal of Cardiovascular and Pulmonary Technology 1981, 9:45-53.
- 22) Radionuclide methods for the evaluation of ventricular function: Report prepared by the European Working Party.
Knapp W.H., Dymond D.S., Malfanti P.L., Ogris E., Pachinger O.,

- Sochor H., Vyska K., Walton S.
European Heart Journal 1981, 2:97-107.
- 23) The role of radioisotopes in heart failure.
Dymond D.S. and Hendrix G.H.
Medical Times March 1982, 107-113.
- 24) Management of refractory heart failure.
Hendrix G.H., Dymond D.S.
Medical Times, March 1982, 33-37.
- 25) Right anterior oblique first pass radionuclide ejection fractions: effects of temporal smoothing and various background corrections.
Dymond D.S., Halama J., Schmidt D.H.
Journal of Nuclear Medicine 1982, 23:1-7.
- 26) Factors that affect the reproducibility of measurements of left ventricular function from first pass radionuclide ventriculograms.
Dymond D.S., Elliott A.T., Stone D.L., Hendrix G., Spurrell R.A.J.
Circulation 1982, 65:311-322.
- 27) Combined exercise radionuclide and haemodynamic evaluation of left ventricular aneurysmectomy.
Dymond D.S., Stephens J.D., Stone D.L., Elliott A.T., Rees G.M., Spurrell R.A.J.
American Heart Journal 1982, 104:977-987.
- 28) Left ventricular function at rest, peak exercise and post exercise.
Foster C., Anholm J.D., Dymond D.S., Carpenter J., Pollock M.L., Schmidt D.H.
Cardiology, 1982, 69:224-230.
- 29) Effect of warm up on the left ventricular response to sudden strenuous exercise.
Foster C., Dymond D.S., Carpenter J., Schmidt D.H.
Journal of Applied Physiology, 1982, 53:380-383.
- 30) Description and use of a mercury-195m/gold-195m generator for first pass radionuclide angiography.
Dymond D.S., Elliott A.T., Stone D.L., Flatman W., Bett R., Cuninghame J.G., Sims H.E., Willis H.H.
Proceedings of the Third World Congress of Nuclear Medicine and Biology, Paris 1982, 2273-2275.

- 31) Fatal verapamil overdose.
Orr G.M., Bodansky H.J., Dymond D.S., Taylor M.
Lancet 1982, 2:1218.
- 32) Surgical treatment of false aneurysm of the left ventricle after myocardial infarction.
Shabbo F.S., Dymond D.S., Rees G.M., Hill I.M.
Thorax, 1983, 38:25-30.
- 33) Severe left ventricular dysfunction in critical aortic stenosis and its reversal following aortic valve replacement demonstrated by radionuclide angiography.
Dymond D.S., Wolf F.G., Schmidt D.H.
Postgraduate Medical Journal 1983, 59:781-783.
- 34) A mercury-195m/gold-195m generator for use in first pass nuclear angiocardiology.
Elliott A.T., Dymond D.S., Stone D.L., Flatman W., Bett R., Cuninghame J.G., Sims H.E., Willis H.H.
Physics in Medicine and Biology 1983, 28:139-147.
- 35) Nuclear Cardiology in the United Kingdom: Editorial.
Dymond D.S.
Nuclear Medicine Communications 1983, 4:3-4.
- 36) Development and use of the Hg 195m-Au 195m generator for first pass radionuclide angiography of the heart.
Bett R., Cuninghame G., Sims H.E., Willis H.H., Dymond D.S., Flatman W., Stone D.L., Elliott A.T.
International Journal of Applied Radiation and Isotopes 1983, 34: 959-963.
- 37) Effect of exercise protocol on the left ventricular response to exercise.
Foster C., Dymond D.S., Anholm J.D., Pollock M.L., Schmidt D.H.
American Journal of Cardiology 1983, 51:859-864.
- 38) Clinical validation of gold-195m: a new short half-life radiopharmaceutical for rapid, sequential first pass radionuclide angiocardiology in man.
Dymond D.S., Elliott A.T., Flatman W., Stone D., Bett R., Cuninghame G., Sims H., Willis H.H.
Journal of the American College of Cardiology, 1983, 2:85-92.
- 39) Evaluation of functional capacity during exercise radionuclide

- angiography.
Foster C., Pollock M.L., Rod J.L., Dymond D.S., Wible G., Schmidt D.H.
Cardiology 1983, 70:85-93.
- 40) A critical analysis of background components in first pass radionuclide angiograms performed via pulmonary arterial catheters.
Dymond D.S., Grenier R.P., Carpenter J., Schmidt D.H.
Radiology 1984, 150:819-823.
- 41) Peak exercise and immediate post exercise imaging for the detection of left ventricular functional abnormalities in coronary artery disease.
Dymond D.S., Foster C., Grenier R.P., Carpenter J., Schmidt D.H.
American Journal of Cardiology 1984, 53:1532-1537.
- 42) Work capacity and left ventricular function during rehabilitation from myocardial revascularization surgery.
Foster C., Pollock M.L., Anholm J.D., Squires R.W., Ward A., Rod J.L., Dymond D.S., Schmidt D.H.
Circulation 1984, 69:748-755.
- 43) First pass measurement of global and regional left ventricular function using a digital single crystal camera: comparison with a multicrystal camera.
Flatman W.D., Dymond D.S., O'Keefe J., Caplin J.L., Dyke L.J.
Proceedings of the 21st International Annual Meeting of the Society of Nuclear Medicine of Europe.
Nuklearmedizin 1984, 21:182-185.
- 44) Temporal evolution of changes in left ventricular function induced by cold pressor stimulation: an assessment with first pass radionuclide angiography and gold-195m.
Dymond D.S., Caplin J.L., Flatman W.D., Burnett P., Banim S.O., Spurrell R.A.J.
British Heart Journal 1984, 51:557-564.
- 45) Scintigraphic appearances of right ventricular rupture.
Caplin J.L., Dymond D.S., Edmondson S.J., Milne J.R.
Nuclear Medicine Communications 1984, 5:573-575.
- 46) The temporal evolutionary changes in left ventricular function during cold pressor stimulation using gold-195m.
Dymond D.S., Caplin J.L., Flatman W., Burnett P.J., Banim S.O., Spurrell R.A.J.
British Heart Journal 1984; 51:557-564.

- 47) Identification of right ventricular rupture by radionuclide ventriculography.
Caplin J.L., Dymond D.S., Edmondson S.J., Milne J.R.
Nuclear Medicine Communications 1984; 5:573-574.
- 48) Ventricular arrhythmias complicating weight reduction therapy in long Q-T syndrome.
O'Keefe J., Buttrous G.S., Dymond D.S., Littlejohns P., Peters N., Banim S.O.
Postgraduate Medical Journal 1985, 61:419-421.
- 49) CT appearance of mycotic aneurysms of the intrapulmonary arteries in the right lung.
Mootosamy I.M., Reznek R.H., Dymond D.S., Rees R.S.O.
British Journal of Radiology 1985, 58:85-86.
- 50) Haemothorax due to rupture of a benign thymoma.
Caplin J.L., Gullan R.W., Dymond D.S., Bradley S.M.O., Hill I.M., Banim S.O.
Japanese Heart Journal 1985, 26:123-125.
- 51) Non-invasive assessment of early cardiac involvement in systemic sclerosis.
Buttrous G.S., Dowd P.M., Milne J., Dymond D.S., Caplin J., Camm A.J.
Postgraduate Medical Journal 1985, 61:679-684.
- 52) Pulmonary mycotic aneurysms secondary to infective endocarditis in a patient with a patent ductus arteriosus and partial anomalous pulmonary venous drainage.
Caplin J.L., Dymond D.S., Edmondson S.J., Rees R.S.O., Rees G.M., Spurrell R.A.J.
European Heart Journal 1985, 6:985-988.
- 53) The role of balloon angioplasty in the management of coronary artery disease.
Dymond D.S.
Journal of Medical Engineering and Technology, 1985, 9:69-73.
- 54) Effects of projection and background correction method upon the calculation of right ventricular ejection fraction using first-pass radionuclide angiography.
Caplin J.L., Flatman W.D., Dymond D.S.
International Journal of Cardiac Imaging 1985; 1:171-79.

- 55) Relation between coronary anatomy and serial changes in left ventricular function on exercise: a study using first pass radionuclide angiography with gold-195m.
Caplin J.L., Dymond D.S., O'Keefe J.C., Flatman W.D., Dyke L.J., Banim S.O., Spurrell R.A.J.
British Heart Journal 1986, 55:120-128.
- 56) Gated right ventricular studies using Krypton-81m: the effects of various analysis protocols, a comparison with first pass studies using gold-195m.
Caplin J.L., Flatman W.D., Dymond D.S.
Journal of Nuclear Medicine 1986, 27:602-608.
- 57) The adequacy of radioisotope mixing from bolus injections in first pass radionuclide angiographic assessment of right ventricular function: a study using gold-195m.
Caplin J.L., Dymond D.S., Flatman W.D., O'Keefe J.C., Spurrell R.A.J.
International Journal of Cardiology 1986; 12:185-192.
- 58) Influence of respiratory variations on right ventricular function.
Caplin J.L., Dymond D.S., Flatman W.D., Dyke L.J., Wiseman M.N.
British Heart Journal 1989, 62(4):253-259.
- 59) Global and regional right ventricular function following acute myocardial infarction: dependence upon site of left ventricular infarction.
Caplin J.L., Dymond D.S., Flatman W.D., Spurrell R.A.J.
British Heart Journal 1987, 58:101-109.
- 60) Non-ischaemic changes in right ventricular function on exercise. Do normal volunteers differ from patients with normal coronary arteries?
Caplin J.L., Maltz M.B., Flatman W.D., Dymond D.S.
Clinical Cardiology 1988, 11:175-84.
- 61) Beneficial effects of single dose nisoldipine on exercise left ventricular performance in chronic stable angina assessed by serial first pass radionuclide angiography with gold-195m.
O'Keefe J.C., Dymond D.S., Caplin J.L., Flatman W.D., Banim S.O.
American Heart Journal, in press.
- 62) The adequacy of radioisotope mixing from bolus injections in first pass radionuclide angiographic assessment of right ventricular function using gold-195m.
Caplin J.L., Dymond D.S., Flatman W.D., O'Keefe J.C., Spurrell R.A.J.
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- 63) Effects of projection and background correction method upon the calculation of right ventricular ejection fraction using first pass radionuclide angiography.
Caplin J.L., Flatman W.D., Dymond D.S.
International Journal of Cardiac Imaging 1986, 1:171-179.
- 64) Failure of coronary anatomy to predict the extent of left ventricular dysfunction on exercise.
Caplin J.L., Favaro L., Fetiche J.J., Dymond D.S.
European Heart Journal, submitted.
- 65) Sex differences in exercise-induced left ventricular dysfunction in patients with Syndrome X.
Favaro L., Caplin J.L., Fetiche J.J., Dymond D.S.
British Heart Journal 1987, 57:232-236.
- 66) Effects of nisoldipine on the response to exercise and cold pressor stress.
Dymond D.S., Caplin J.L., O'Keefe J.C., Banim S.O.
European Heart Journal 1987, 8 (supplement K):27-33.
- 67) Imaging in Cardiology (editorial).
Dymond D.S.
Current Opinion in Cardiology, 1986, 1:915-918.
- 68) A comparison of once daily Bisoprolol (5 or 10mg) and atenolol 100mg in the treatment of angina pectoris.
Maltz M.B., Dymond D.S., Nathan A.W., Camm A.J.
British Heart Journal 1987, submitted.
- 69) Bisoprolol 5 mg or 10 mg versus atenolol 100 mg in the treatment of angina pectoris of effort.
Maltz M.B., Nathan A.W., Dymond D.S., Camm A.J.
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European Heart Journal 1987, 8:(supp. M) 1.
- 70) Comparison of bisoprolol and atenolol for angina.
Maltz M., Nathan A.W., Dymond D.S., Camm A.J.
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- Nuc Med Comm 1988, 9:164.
- 72) 111 Indium-labeled monoclonal antibody for the localization of transmural infarction.
Levy R.D., Elstob J.E, Wiseman M.N., Solanki K., Sobnack E., Britton K.E, Dymond D.S.
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- 73) 111 In-labelled antimyosin for detecting myocardial necrosis in subendocardial infarction and unstable angina.
Levy R.D., Elstob J.E, Wiseman M.N., Solanki K., Sobnack E., Britton K.E, Dymond D.S.
Nuc Med Comm 1988, 9:149.
- 74) Myocardial perfusion and first pass ventriculography with technetium-99m MIBI in coronary artery disease.
Levy R.D., Elstob J.E, Wiseman M.N., Solanki K., Sobnack E., Dyke L.J., Britton K.E, Dymond D.S.
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Nuc Med Comm 1988, 9:156.
- 76) Nuclear Cardiology.
Dymond D.S.
Medicine International 1989; 66:2757-60.
- 77) Platelet hyperreactivity and inefficient spontaneous thrombolysis in patients at high risk from an acute coronary event.
Peters N.S., Abrams L.S.M., Dymond D.S., Kovacs I.B.
Cardiovascular Research 1989, 23:567-572.
- 78) Technical introduction to nuclear imaging.
Dymond D.S.
In: Non-invasive Cardiac Imaging 1989 45:838-847.
- 79) Radionuclide assessment of ventricular function in patients with coronary artery disease: Clinical perspective.
Dymond D.S.
In: Non-invasive Cardiac Imaging 1989 45:881-895.
- 80) Nuclear Cardiology.

Dymond D.S.
Medicine International, June 1989, 66, 2757-2760.

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Koster R.W., Van Stralen R., McNeill A.J., Adgey A.A.J.,
Fox K.A.A., Dymond D.S., Sponzilli C., Jewitt D., Bucknall C., Klufft C.,
Cohen A.F.
In: European Heart Journal 1990 11:730-739.
- 82) Acute myocardial necrosis in unstable angina and myocardial infarction detected by indium 111-labeled antimyosin antibody.
Levy R.D., Elstob J.E., Wiseman M.N., Sobnack R., Solanki K.,
Britton K.E., Dymond D.S.
In: Coronary Artery Disease June 1991, no 4, 2:425-432.
- 83) Is the waiting list a safe place for outpatients awaiting coronary bypass surgery?
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- 84) Do routine clinic visits prevent destabilization in patients awaiting coronary revascularization?
Lim R., Kreidieh I., Dymond D.S.
In: Journal of the Royal Society of Medicine 1991, 84:660-661.
- 85) Early prognosis after thrombolysis: Value of exercise radionuclide ventriculography performed on anti-ischaemic medication.
Lim R., Dyke L., Dymond D.S.
Int J Card Imaging 1991; 7:125-31.
- 86) High-risk coronary angioplasty with elective intra-aortic balloon pump support.
Kreidieh I., Davies D.W., Lim R., Nathan A.W., Dymond D.S., Banim S.O.
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EDITORIAL RESPONSIBILITIES

Section Editor for "Imaging in Cardiology"
Current Opinion in Cardiology, (Gower Medical Publishing), November 1986.

REVIEWING RESPONSIBILITIES

I have regularly reviewed papers submitted to the British Heart Journal and the European Heart Journal over the last 4 to 5 years. In addition I have reviewed papers for the following peer review journals.

American Journal of Cardiology

Circulation

International Journal of Cardiology

Journal of Nuclear Medicine

Nuclear Medicine Communications

I have reviewed 3 grant proposals concerned with cardiac imaging or ischaemic heart disease for the Medical Research Council, and sat on one occasion on a British Heart Foundation Grants Committee reviewing applications for Junior Fellowships.

ABSTRACTS

(Below is a *selection of abstracts* which have been presented by me at national and international meetings and subsequently published in abstract form)

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ABSTRACTS

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LETTERS

- 1) Drugs and the exercise test.
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- 2) Global myocardial ischaemia unmasked following a bomb attack.
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M.D. THESIS

"The assessment of left ventricular function by radionuclide ventriculography with a multicrystal gamma camera."

(Submitted to the University of London for the degree of Doctor of Medicine in the University of London: March, 1980)

Degree awarded October 1980.

INVITED TALKS

Listed below is a small selection of the invited lectures and presentations I have carried out in my career to date:

- 1) The role of radionuclides in myocardial infarction.
Joint Meeting and 36th Annual Congress at the British Institute of Radiology. London, England: April 1978.
- 2) The clinical applications of exercise first pass radionuclide ventriculography.
Third European Symposium (British Heart Foundation). Non-invasive

Techniques in Cardiology: June 1979.

- 3) Identification of regional segmental contraction abnormalities by first pass isotope techniques.
Advanced Course in Cardiology (Cardiothoracic Institute), London: January 1980.
- 4) Radionuclide techniques and the cardiac surgical patient.
Symposium "Towards Safer Cardiac Surgery". University of York: April 1980.
- 5) Cardiac emission tomography with Thallium 201.
Medical Grand Rounds, University of Wisconsin, Milwaukee, Mount Sinai Medical Center, May 1980.
- 6) An overview of first pass radionuclide angiography.
Medical Grand Rounds, University of Wisconsin, Milwaukee, Mount Sinai Medical Center, May 1980.
- 7) Assessment of coronary artery disease and its complications by rest and exercise radionuclide ventriculography.
Medical Grand Rounds, Medical University of South Carolina, Charleston, S.C., October 1980.
- 8) Baye's Theorem: Its application to exercise testing.
New Dimensions in Cardiac Rehabilitation - 4th Annual Symposium
Mount Sinai Medical Center, Milwaukee, Wisconsin, May 1981.
- 9) First pass radionuclide angiography: Technical considerations, limitations and clinical use.
Sixth Annual Nuclear Cardiology Symposium, University of Wisconsin, Mount Sinai Medical Center, September 1981.

- 10) The current status of radionuclide angiography in the assessment of right ventricular function.
Ibid.
- 11) Assessment of left ventricular function by first pass and gated techniques.
Advanced Course in Cardiology (Cardiothoracic Institute), January 1982.
- 12) First pass and equilibrium measurements of ventricular function. Physical techniques in cardiac imaging" - joint meeting of the British Cardiac Society and the Hospital Physicists Association, University of Southampton, July 1982.
- 13) First pass radionuclide angiography of the heart using gold-195m. "New radiopharmaceuticals and their clinical applications." British Institute of Radiology, London, February 1983.
- 14) Clinical validation of gold-195m and the importance of rapid, sequential imaging in clinical practice.
International Symposium on Nuclear Cardiology, Orlando, Florida, U.S.A., February 1983.
- 15) Standards for acquisition, data analysis and interpretation of myocardial scintigraphy and blood pool scintigraphy.
European Society of Cardiology working group on use of isotopes in Cardiology, Rotterdam, Netherlands, April 1983.
- 16) Rapid sequential radionuclide angiography of the heart with ultra-short lived gold-195m.
International symposium on short half-life single photon emitting radionuclides (sponsored by the Department of Energy, N.I.H., and the American College of Nuclear Physicians), Washington D.C., U.S.A., May 1983.
- 17) The importance of rapid, sequential imaging in elucidation of cardiac physiology.
Cardiology Grand Rounds, Mayo Clinic, Rochester, Minnesota, U.S.A., May 1983.
- 18) The role of intracoronary streptokinase and coronary angioplasty in the therapy of developing myocardial ischaemia.
Seminar on "Acute Intervention in Myocardial Ischaemia and Heart Failure", London, October 1983.

- 19) The clinical value of gold-195m for first pass radionuclide angiography of the heart.
16th International Symposium on "radioactive isotopes in clinical medicine and research", Bad Gastein, Austria, January 1984.
- 20) The role of coronary angioplasty in the management of coronary disease.
Seminar on "Therapeutic Instrumentation in Medicine", Brighton, December 1984.
- 21) The future of nuclear cardiology.
Midlands Imaging Group, Birmingham, March 1985.
- 22) Isotopes as flow markers.
British Heart Foundation Symposium on "The imaging of the cardiovascular system", London, April 1985.
- 23) Acute valvular dysfunction.
Symposium on "Acute cardiac emergencies", Royal College of Physicians, London, September 1985.
- 24) Clinical and research uses of gold-195m.
Tenth Annual Nuclear Cardiology Symposium, University of Wisconsin-Mount Sinai Medical Centre, Milwaukee, Wisconsin, U.S.A., September 1985.
- 25) Effect of calcium antagonists on left ventricular function during exercise or cold pressor stress.
"Calcium antagonists - a decade of progress and future prospects". Symposium at the Royal Society of Medicine, London, July 1986.
- 26) Prognosis in coronary artery disease assessed by radionuclide techniques.
Symposium on "Isotope imaging in clinical practice", Royal College of Physicians and Surgeons of Glasgow, November 1986.
- 27) Management of PTCA Complications.
Symposium on "Strategies and Perspectives in PTCA.
San Diego, California, USA March 1989.
- 28) ECG and coronary anatomy in assessment of myocardium at risk.
European Society of Cardiology, Nice, France, September 1989.
- 29) Discrepancy between coronary anatomy and physiology:

arteriography versus radionuclide imaging.
Swedish Physiological Society, University of Uppsala, May 1990.

There are at least 150 more between 1990 and 2005 including these at British Cardiac Society, American College of Cardiology and European Society of Cardiology. I have also lectured at innumerable courses including the Horizons in Cardiology Series at the University of Capetown on 'Drug Eluting Stents' in October 2004 and forthcoming in December 2005.