

Curriculum Vitae

Professor Martin Roland CBE

Date of birth 7.8.51

Nationality British

Education, qualifications and distinctions

Education

1962-68 Rugby School
1969-72 Merton College Oxford
1972-75 Oxford University Medical School

Qualifications

1972 BA (Oxon). Physiological Sciences. First Class Honours
1975 BM BCh (Oxon)
1976 MA (Oxon)
1977 DRCOG
1978 MRCP (UK)
1979 MRCP (with distinction)
1987 MFPHM
1989 DM (Oxon)
1994 FRCGP
2001 FRCP
2005 MSc International Development Management (Open University).

Distinctions

1970 Exhibitioner, Merton College, Oxford
1972 Radcliffe Pharmacology Prize, Oxford University
1972 Martin Wronker Prize for Medicine, Oxford University
1972 Scholarship, Oxford University Medical School
1974 Radcliffe Infirmary Surgery Prize
1978 Syntex Award, Cambridge Vocational Training Scheme
1982 Volvo Prize, International Society for the Study of the Lumbar Spine
1983 Essay Prize, Society for Psychosomatic Research
1989 Health Education Authority, Health Education Award
1998 James McKenzie Medal, Royal College of General Practitioners
2000 Fellow, Academy of Medical Sciences (FMedSci)
2003 CBE (for Services to Medicine)
2008 National Institute for Health Research, Senior Investigator
2009 European Health Award 2009, European Health Forum Gastein (to the European Practice Association (EPA) consortium)
2010 George Abercrombie Medal, Royal College of General Practitioners
2012 International Member, US National Academy of Medicine (formerly Institute of Medicine)

Current appointments

- 2014- Fellow, Murray Edwards College, Cambridge (Emeritus Fellow from 2018)
- 2015- Trustee, Prostate Cancer UK
- 2016- Emeritus Professor of Health Services Research, University of Cambridge
- 2016- Emeritus Senior Investigator, National Institute for Health Research

Appointments since 1992

- 1992 - 2009 Professor of General Practice, University of Manchester
- 1999 - 2009 Director, National Primary Care Research and Development Centre
- 2006 - 2009 Director, NIHR School for Primary Care Research
- 1992 - 2009 General Practitioner (part time), Rusholme Health Centre, Manchester
- 2009 - 2012 General Practitioner (part time), Nuffield Road Medical Practice, Cambridge.
- 2009 - 2016 RAND Professor of Health Services Research, University of Cambridge

Research grants (those over £1m shown, total grant income £75m)

- 1995-2004 Department of Health. £16.6 million. Core grant for the National Primary Care Research and Development Centre (Deputy Director then Director and co-PI)
- 2004-2006 National Institutes of Health. \$2.4 million Ethnic disparities in diabetes care (co-applicant)
- 2005-2010 Department of Health. £13.3 million. Core grant for the National Primary Care Research and Development Centre (Director and co-PI)
- 2006-2011 Department of Health. £15 million. Core grant for NIHR School of Primary Care Research (Director and co-PI)
- 2009 - 2011 Department of Health. £2 million. Evaluation of integrated care pilots. (co-applicant)
- 2010 – 2015 NIHR Programme Grant. £2 million Improving patient experience in primary care (co-PI)
- 2011- 2015 Department of Health Policy Research Unit on Behaviour and Health. £5 million (Deputy Director and co-applicant)
- 2016-2021 NIHR Programme Grant. Developing primary care services for stroke survivors. £2.1 million (co-applicant)

National and International Committee Membership (from 1990)

- 1991-92 Standing Group on Health Technology Assessment, Department of Health, Chairman: Primary & Community Care Panel.
- 1992-96 Medical Research Council:
Member, Health Services and Public Health Research Board (1992-6)
Steering Group, MRC General Practice Research Framework (1992-6)
Health Services Research Training Panel 1993-1996 (Chairman 1995-96)
MRC Studentship Panel (1995)
- From 1994 to 1996:*
Chairman, Health Services and Public Health Research Board
MRC Scientific Strategy Committee
MRC Council
- 1995 Department of Health. Strategic Review of Research and Development in Primary Care (Chair: Mant). Chairman: Research capacity working group.
- 1995-98 Editorial Board (Back Pain), International Cochrane Collaboration
- 1995-96 DH/MRC/HEFCE Working Party on NHS support for service costs of research
- 1997 Commissioning Group: Department of Health Variations in Health Status Research Initiative
- 1997-99 NHS Executive. Personal Medical Services Pilots (PCAPMS) National Consultative Group. Chairman: Evaluation Subgroup
- 1997-02 Quality Steering Group, Nuffield Trust
- 1999-00 Department of Health Working Group on Primary Care Research (chair: Mant)
- 2000 Group Health Co-operative, Seattle. Advisory Committee on Robert Wood Johnson Foundation National Program on Chronic Disease Management.
- 2000-01 Steering Group: North Staffordshire General Practice Research Network
- 2000-02 Chairman, Royal College of General Practitioners Working Party: 'Good Medical Practice for General Practitioners'
- 2001-06 Editorial Board, Quality in Primary Care (Radcliffe Medical Press)
- 2001-02 External Reference Group: Performance Information Working Group, Department of Health
- 2001-04 Standing Medical Advisory Committee, Department of Health.
- 2001 Primary Care Sub-Panel, 2001 Research Assessment Exercise
- 2001-02 General Practice Study Advisory Group, Audit Commission .
- 2002 Advisory Group, Office for Information on Healthcare Performance, Commission for Health Improvement (CHI).
- 2001-04 Board Member. NICE (National Institute for Clinical Excellence). National

Collaborating Centre for Primary Care, Royal College of General Practitioners

2002-04 Executive Committee, Society for Academic Primary Care

2002-05 Stakeholder Group: Strategic Learning and Research Advisory Group for Health and Social Care (StLaR) (DH/DES)

2003-04 Significant Issues Group (PCT Research Management and Governance) National Co-ordinating Centre for Research Capacity Development, DH.

2003-05 Research and Development Advisory Committee, NICE (National Institute for Clinical Excellence)

2003-04 NHS Reference Group, Research for Patient Benefits Working Party, DH.

2003-05 Research and Development Forum, National Clinical Assessment Authority

2004-07 Academic Careers Sub-Committee (Walport Committee), UK Clinical Research Collaboration

2004-05 Revalidation Expert Group, NHS Clinical Governance Support Team (NCGST)

2004-07 Fellowship Committee (section seven), Academy of Medical Sciences

2005-08 Deputy Chair, Sub-panel 8 (Primary Care), Higher Education Funding Council Research Assessment Exercise

2005-08 Chair, Evaluation Forum, Academy of Medical Sciences

2005-06 Primary Care Advisory Group, National Electronic Library for Health

2005- Editorial Board, BMC Family Practice

2006-09 Deputy Chair, Heads of Departments Careers / Staffing Group, Society for Academic Primary Care

2006-10 MRC College of Experts

2006-10 Board of Directors, AcademyHealth, USA

2007- Primary Care Advisory Panel, British Medical Journal

2007-09 UK-CRN Primary Care Research Strategy Group

2007-09 Advisory Group, Scottish School of Primary Care

2007-10 Scientific Advisory Board, KompetenzZentrum, University of Heidelberg

2007-09 Department of Health: Reference group on urgent care in general practice

2008-10 Department of Health: Health Reform Evaluation Advisory Panel

2008-10 Advisory Board, NIHR School for Social Care Research

2008-10 Clinical Advisory Group, Department of Health

- 2010-13 Chair, NIHR Clinician Scientist Panel
- 2011-13 Department of Health: Primary Care Data Delivery Board
- 2011-14 NIHR Fellowships Advisory Board
- 2011-13 Department of Health: Primary Care Data Transparency Technical Group
- 2011-14 Council, Academy of Medical Sciences
- 2012-14 Board Director, Eastern Academic Health Science Network
- 2011-15 Membership Committee, AcademyHealth, USA
- 2013-16 Board member, Health Services Research UK
- 2013-15 Care Quality Commission, GP Intelligence Advisory Group
- 2013-16 Editorial Advisory Board: BMJ Quality and Safety
- 2014-6 Department of Health Outcomes Framework Technical Group (OFTAG)
- 2014-15 Chair, Primary Care Workforce Commission (Health Education England)
- 2014-17 Expert Working Group of healthcare systems for patients with complex problems. Commonwealth Fund of New York
- 2016- Prostate Cancer UK
 - Board member and trustee
 - Research Strategy Committee
 - Nominations Committee
 - Supporting and Influencing Committee
 - Chair, Board Research Committee
- 2016-18 QualityWatch Advisory Group, Nuffield Trust
- 2016-18 Expert Advisory Group, 'Britain's Healthiest Workplace'
- 2017-18 WHO Health Workforce Working Group of Health Data Collaborative
- 2017-18 Care Quality Commission, Shared View of Quality Working Party
- 2017-18 NHS England: Quality and Outcomes Framework: Technical Advisory Group
- 2019-20 Institute of Osteopathy. Independent panel on the role of osteopaths as allied health professionals in the NHS

Publications

Books

1. Roland MO and Jenner JR (eds) Back pain: recent advances in rehabilitation and education. 258pp. Manchester University Press. 1989.
2. Roland MO, Coulter A (eds) Hospital Referrals. Oxford University Press. 1992.

3. Roland M, Waddell G, Klaber-Moffatt J, Burton K, Main C, Cantrell E. The Back Book. 23 pp. London. The Stationary Office. 1996. Second edition 2002 (more than 750,000 copies sold)
4. Whitehouse C, Roland MO, Campion P. Teaching Medicine in the Community. 223 pages. Oxford University Press. 1997.
5. Roland M, Shapiro J (eds). Specialist outreach clinics in general practice. Radcliffe Medical Press. Oxford. 1998.
6. Marshall M, Campbell S, Hacker J, Roland M (eds) Quality indicators for general practice: a practical guide to clinical quality indicators for primary care professionals and managers. London. Royal Society of Medicine Press. 2002

Articles in peer reviewed journals (excludes abstracts, letters and book reviews)

1. Roland MO, Morris RW. A study of the natural history of back pain. Part 1: Development of a reliable and sensitive measure of disability in low back pain. Spine 1983; 8: 141-144
2. Roland MO, Morris RW A study of the natural history of back pain. Part 2: Development of guidelines for trials of treatment in primary care. Spine 1983; 8:145-150.
3. Roland MO, Morrell DC, Morris RW. Can general practitioners predict the outcome of episodes of back pain? British Medical Journal 1983; 286: 523-525.
4. Roland MO. Videotape as a research tool. Journal of the Royal College of General Practitioners 1983; 33: 300-302.
5. Roland MO Deputising services (editorial). British Medical Journal 1984; 289: 451-452.
6. Morrell DC and Roland MO Measuring the outcome of general practitioner care. Family Practice 1985; 2: 182-188.
7. Roland MO, Zander LI, Evans M, Morris R, Savage RA Evaluation of a computer assisted repeat prescribing programme in a general practice. British Medical Journal 1985; 291: 456-458.
8. Roland MO, Mayor V, Morris RW Factors affecting the achievement of continuity of care in general practice. Journal of the Royal College of General Practitioners 1986; 36: 102-104.
9. Morrell DC, Evans M, Morris RW, Roland MO The five minute consultation: effect of time constraint on clinical content and patient satisfaction. British Medical Journal 1986; 292: 870-873.
10. Roland MO, Bartholomew J, Courtenay MJF, Morris RW, Morrell DC The five minute consultation: effect of time constraint on verbal communication in the consultation. British Medical Journal 1986; 292: 874-876.
11. Roland MO A critical review of the evidence for a pain-spasm-pain cycle in spinal disorders. Clinical Biomechanics 1986; 1: 102-109.
12. Practice Participation Association (joint authorship) A practice newsletter - 3 years experience. British Medical Journal 1986; 293: 793-794.

13. Roland MO The Family Doctor - Myth or Reality? *Family Practice* 1986; 3: 199-204.
14. Morrell DC and Roland MO How can good general practitioner care be achieved? *British Medical Journal* 1987; 294: 161-162.
15. Otty CJ and Roland MO Hypothermia in the elderly: scope for prevention. *British Medical Journal* 1987; 295: 419-420.
16. Roland MO Is there a case for smaller lists (editorial). *Journal of the Royal College of General Practitioners* 1987; 37: 481-483.
17. Roland MO General practitioner referral rates (editorial). *British Medical Journal* 1988; 297: 437-438
18. Roland MO and Morris RW Are referrals by general practitioners influenced by the availability of consultants. *British Medical Journal* 1988; 297: 599-600.
19. Roland MO and Dixon M Randomised controlled trial of an educational booklet for patients with back pain in primary care. *Journal of the Royal College of General Practitioners* 1989; 39: 244-6
20. Moore AT and Roland MO How much of the variation in general practitioner referral rates is due to chance? *British Medical Journal* 1989; 298: 500-502.
21. Roland MO and Dixon M Problems in setting standards for hospital referrals: experience with warts. *British Medical Journal* 1989; 299: 658-9.
22. Roland MO, Middleton J, Goss B, Moore AT Should performance indicators in general practice relate to whole practices or to individual doctors? *Journal of the Royal College of General Practitioners* 1989; 39: 461-2.
23. Roland MO Efficient use of time in general practice (editorial). *Journal of the Royal College of General Practitioners* 1989; 39: 485-6.
24. Roland MO What is the GP's role in health education? *Journal of the Institute of Health Education* 1989; 27: 173-178.
25. Draper J, Roland MO Peri-menopausal womens' views on taking hormone replacement therapy to prevent osteoporosis. *British Medical Journal* 1990; 300: 786-8.
26. Morrell DC, Roland MO Analysis of referral behaviour: responses to simulated case histories may not reflect real clinical behaviour. *British Journal of General Practice* 1990; 40: 182-184.
27. Roland MO, Bartholomew J, Morrell DC, McDermott A, Paul E Understanding hospital referral rates: a user's guide. *British Medical Journal* 1990; 301: 98-102.
28. Roland MO, Porter RW, Matthews JG, Redden JF, Simonds GW, Bewley B. Improving care: a study of orthopaedic outpatient referrals. *British Medical Journal* 1991; 302: 1124-8.
29. Reynolds GA, Chitnis JG, Roland MO General practitioner outpatient referrals. Do good doctors refer more patients to hospital? *British Medical Journal* 1991; 302: 1250-2.

30. Roland MO, Green C, Roberts SOB Should general practitioners refer more patients to hospital? *Journal of the Royal Society of Medicine* 1991; 84: 403-404.
31. Roland MO Fundholding and cash limits in primary care: blessing or blight? *British Medical Journal* 1991; 303: 171-2.
32. Roland MO, Bewley B. Boneline: evaluation of an initiative to improve communication between specialists and general practitioners. *Journal of Public Health Medicine* 1992; 14: 307-309.
33. O'Connor DW Fertig A, Grande MJ, Hyde JB, Perry JR, Roland MO, Silverman JD, Wraight SK Dementia in general practice: the practical consequences of a more positive approach to diagnosis. *British Journal of General Practice* 1993; 43: 185-8.
34. Fertig A, Roland MO, King H, Moore AT, Understanding variation in general practitioner referral rates: are inappropriate referrals important, and would guidelines help to reduce rates. *British Medical Journal* 1993; 307: 1467-70.
35. De Marco P, Dain C, Lockwood T, Roland M. How valuable is feedback of information on hospital referral patterns? Lessons from visits to 92 East Anglian practices. *British Medical Journal* 1993; 307: 1465-6.
36. Roland M O Pay more, get more? The effect of remuneration on doctors' behaviour (editorial). *Journal of Epidemiology and Community Health* 1993; 47: 431.
37. Cragg D, Campbell S, Roland MO Out of hours primary care centres: characteristics of those attending and declining to attend. *British Medical Journal* 1994; 309: 1627-9.
38. Roland MO Getting research into practice (editorial). *Journal of Epidemiology and Community Health*. 1995; 49: 225-6.
39. Burkey Y, Corkhill C, Roland MO, Newton P. Referrals between specialists in hospital outpatient departments. *Health Trends* 1995; 27: 76-9
40. Venning P, Roland MO New opportunities in practice nursing (editorial). *British Medical Journal* 1995; 311: 3.
41. Campbell SM, Roland MO Why do patients consult the doctor: Factors influencing demand for primary care. *Family Practice* 1996; 13: 75-83.
42. Carr-Hill RA, Rice N, Roland M. Socio-economic determinants of rates of consultation in general practice based on fourth national morbidity survey of general practices. *British Medical Journal* 1996; 312: 1008-12
43. Campbell SM, Roland MO, Gormanly B. Evaluation of a computerised appointment system in general practice. *British Journal of General Practice* 1996; 46: 477
44. Roland MO. Defining core general practitioner services: a threat to the future of general practice (editorial). *British Medical Journal*. 1996; 313: 704.
45. Campbell SM, Warburton B, Amos C, Roland MO Who cares for people with psoriasis? A qualitative study of the impact of psoriasis on patients' lives. *European Journal of General Practice* 1996; 2: 101-3
46. Roland MO. The course of back pain in primary care: point of view. *Spine* 1997; 21: 2838

47. Cragg D, McKinley R, Roland M, Campbell S, Van F, Hastings A, French D, Manku-Scott T, Roberts C. Comparison of out of hours care provided by patients' own general practitioners and commercial deputising services: a randomised controlled trial. 1: The process of care. *British Medical Journal* 1997; 314: 187-9
48. McKinley R, Cragg D, Campbell S, Hastings A, Roland M, French D, Van F, Manku-Scott T, Roberts C. Comparison of out of hours care provided by patients' own general practitioners and commercial deputising services: a randomised controlled trial. 2: The outcome of care. *British Medical Journal* 1997; 314: 190-2
49. Reeve H, Baxter K, Newton P, Burkey Y, Black M, Roland M. Long term follow up in outpatient clinics. 1: The view from general practice. *Family Practice* 1997; 14: 24-8
50. Burkey Y, Black M, Reeve H, Roland M. Long term follow up in outpatient clinics. 2: The view from the specialist clinic. *Family Practice* 1997; 14: 29-33
51. Sibbald B, Roland MO. Getting research into practice. *Journal of Evaluation in Clinical Practice* 1997; 3: 15-21.
52. Bombardier C, Esmail R, Nachemson A and the Cochrane Back Pain Editorial Board. The Cochrane Collaboration Back Review Group for Spinal Disorders. *Spine* 1997; 22: 837-40.
53. Van Tulder M W, Assendelft WW, Koes BW, Bouter LM and the Cochrane Back Pain Editorial Board. Methodological guidelines for systematic reviews in the Cochrane Back Review Group for Spinal Disorders. *Spine* 1997; 22: 2323-30
54. Venning P, Durie AS, Roland M, Leese B, Roberts C. Provision of services for patients requesting a 'same day appointment' in primary care: a comparison of nurse practitioners and general practitioners. *Clinical Effectiveness in Nursing* 1997; 2: 112-3.
55. Roland M, Grimshaw J, Grol R, Shanks D, Johnson A, Russell I, Taylor R. Do general practitioner attitudes and characteristics of their practices explain patterns of specialist referral? *European Journal of General Practice* 1997; 3: 143-7.
56. Butler T, Roland M. How will primary care groups work? *British Medical Journal* 1998; 316: 214

Torgerson D, Roland MO, Roberts C, Sibbald BS. Understanding Controlled Trials. Series editors for nine short notes, including numbers 57 to 60:
57. Sibbald B, Roland M. Understanding controlled trials: Why are controlled trials important? *British Medical Journal* 1998; 316: 201
58. Roland M, Torgerson D. Understanding controlled trials: What are pragmatic trials? *British Medical Journal* 1998; 316: 285
59. Torgerson D, Roland M. What is Zelen's design? *British Medical Journal* 1998; 316: 606
60. Roland M, Torgerson D. What outcomes should be measured? *British Medical Journal* 1998; 317:1075
61. Deyo R, Battie M, Buerskens A, Bombardier C, Croft P, Koes B, Malmivaara A, Roland M, Von Korff M, Waddell G. Outcome measures for low back pain research. A proposal for standardised use. *Spine* 1998; 23: 2003-13.

62. Roland MO, van Tulder M. Should radiologists change the way they report spinal X rays. *Lancet* 1998; 352: 229-30
63. Gilmore E, Campbell SM, Loane MA, Esmail A, Griffiths C, Roland MO, Parry EJ, Corbett RO, Eedy D, Gore HE, Mathews C, Steel K, Wooton R. Comparisons of teleconsultations and face to face consultations: preliminary results of a United Kingdom multicentre teledermatology study. *British Journal of Dermatology* 1998; 139: 81-87
64. Roland MO. Primary Care Research: new hope or false dawn? (editorial). *Health and Social Care in the Community* 1998; 6: 149-50.
65. Shekelle P, Roland M. Measuring quality in the NHS: lessons from across the Atlantic. *Lancet* 1998; 352: 163-4.
66. Campbell SM, Roland MO, Quayle JA, Buetow SA, Shekelle PG. Quality Indicators for General Practice: which ones can general practitioners and health authority managers agree are important and how useful are they? *Journal of Public Health Medicine* 1998; 20: 414-421
67. Buetow S, Roland M. Clinical governance: bridging the gap between managerial and clinical approaches to improving quality of care. *Quality in Health Care* 1999; 8: 184-90
68. Bailey J, Roland M, Roberts C. Is follow up by specialists routinely needed after elective surgery? A controlled trial. *Journal of Epidemiology and Community Health* 1999; 53: 118-124
69. Kalra PA, Kumwenda M, MacDowall P, Roland MO. Questionnaire study and audit of use of angiotensin converting enzyme inhibitor and monitoring in general practice: the need for guidelines to prevent renal failure. *British Medical Journal* 1999; 318: 234-7.
70. Roland MO. Quality and efficiency: enemies or partners? *British Journal of General Practice* 1999; 49: 140-143.
71. Campbell SM, Roland MO, Shekelle PG, Cantrill JA, Buetow SA, Cragg DK. The development of review criteria for assessing the quality of management of stable angina, adult asthma and non insulin dependent diabetes mellitus in general practice. *Quality in Health Care* 1999; 8: 6-15
72. Giuffrida A, Gravelle H, Roland M. Measuring quality with routine data: avoiding confusion between performance indicators and health outcomes. *British Medical Journal* 1999; 319: 94-98
73. Roland M. Primary care groups and primary care trusts. *Journal of the Royal College of Physicians* 1999; 33: 337-40
74. Shekelle P, Roland M. Nurse telephone advice lines. *Lancet* 1999; 354: 88-9.
75. Campbell SM, Roland MO, Bentley E, Dowell J, Hassell K, Pooley JE, Price H. Research capacity in UK primary care. *British Journal of General Practice* 1999; 49: 967-970.
76. Campbell S, Hann M, Roland M, Shekelle P, Quayle J. The effect of panel membership and feedback on ratings in a two round Delphi survey: results of a randomised controlled trial. *Medical Care* 1999; 37: 964-8
77. Thorburn R, Roland M. Is vision screening by health visitors effective at age three to three and a half years? *British Journal of Community Nursing* 2000; 5: 41-44.

78. Venning P, Durie A, Roland M, Roberts C, Leese B. Randomised controlled trial to compare the cost effectiveness of general practitioners and nurse practitioners in primary care. *British Medical Journal* 2000; 320: 1048-53.
79. Cantrill J, Dowell J, Roland M. General practitioners' views on the appropriateness of their long term prescribing. *European Journal of General Practice* 2000; 6: 5-9.
80. Cantrill JA, Dowell J, Roland MO. Qualitative insights into general practitioners' views on the appropriateness of their long term prescribing. *International Journal of Pharmacy Practice* 2000; 8: 20-26.
81. Appleby L, Morriss R, Gask L, Roland M, Lewis B, Perry A, Battersby L, Colbert N, Green G, Amos T, Davies L, Faragher B. An educational intervention for front-line health professionals in the assessment and management of suicidal patients (The STORM project). *Psychological Medicine* 2000; 30: 805-12.
82. Gask L, Lee J, Donnan S, Roland M. The impact of total purchasing and extended fundholding on mental health services: Baseline aims and objectives of sites. *Journal of Mental Health* 2000; 9: 421-8.
83. Campbell S, Roland M, Buetow S. Defining Quality of Care. *Social Science and Medicine* 2000; 51: 1611-1625.
84. McColl A, Roland M. Clinical governance in primary care: Knowledge and information for clinical governance. *British Medical Journal* 2000; 321: 871-874
85. Ramsay J, Campbell J, Schroter S, Green J, Roland M. The General Practice Assessment Survey (GPAS): tests of data quality and measurement properties. *Family Practice* 2000; 15: 272-9
86. Roland MO, Fairbank J. The Roland-Morris Disability Questionnaire and the Oswestry Disability Questionnaire. *Spine* 2000; 25: 3115-3124.
87. Chapple A, Sibbald B, Rogers A, Roland M. Citizens' expectations and likely use of an NHS Walk-in Centre: results of a survey and qualitative methods of research. *Health Expectations* 2001; 4: 38-47
88. Campbell S, Wilkin D, Roland M. Primary Care Groups and Trusts in the new NHS: improving quality of care through clinical governance. *British Medical Journal* 2001; 322: 1580-1582
89. Spooner A, Chapple A, Roland M. What makes British general practitioners take part in a quality improvement scheme. *Journal of Health Services Research and Policy* 2001; 6: 145-150.
90. Roland MO. General practice in an age of measurement (editorial) *British Journal of General Practice* 2001; 51: 611-2.
91. Roland M, Campbell S, Wilkin D. Clinical governance: a convincing strategy for quality improvement? *Journal of Management in Medicine* 2001; 15: 188-201
92. Roland MO Choosing effective strategies for quality improvement. *Quality in Health Care* 2001; 10: 66-67

93. Campbell S, Roland M, Leese B. Progress in clinical governance: findings from the NPCRDC National Tracker Survey of Primary Care Groups. *Journal of Clinical Governance* 2001; 6: 90-93.
94. Seddon ME, Marshall MN, Campbell SM, Roland MO. Systematic review of quality of clinical care in general practice in the UK, Australia and New Zealand. *Quality in Health Care* 2001; 10: 152-158
95. Campbell SM, Hann M, Hacker J, Burns C, Oliver D, Thapar A, Mead N, Gelb Safran D, Roland M. Identifying predictors of high quality care in English general practice: observational study. *British Medical Journal* 2001;323:784-787
96. Nugent J, Ruperto N, Grainger J, Machado C, Sawhney S, Baildam E, Davidson J, Foster H, Hall A, Hollingworth P, Sills J, Venning H, Walsh JE, Landgraf JM, Roland M, Woo P, Murray KJ. The British version of the Child Health Assessment Questionnaire (CHAQ) and the Child Health Questionnaire (CHQ). *Clinical and Experimental Rheumatology* 2001; 19 (Suppl 23): S163-S167
97. Thapar AK, Jakoby A, Richens A, Russell I, Roberts C, Porter E, Wall S, Roland M. Are serum anti-convulsant levels in people with epilepsy monitored appropriately? *Journal of Evaluation in Clinical Practice* 2001; 7: 335-8
98. Roland MO. Nurse-led telephone advice – a useful additional service? *Medical Journal of Australia* 2001; 176: 96.
99. Thapar AK, Jakoby A, Richens A, Russell I, Roberts C, Porter E, Wall S, Roland M. A pragmatic randomised controlled trial of a prompt and reminder card in the care of people with epilepsy. *British Journal of General Practice* 2002; 52: 93-98
100. Chapple A, Campbell S, Rogers A, Roland M. Users' understanding of medical knowledge in general practice. *Social Science and Medicine* 2002; 54: 1215-1224.
101. Campbell SM, Sheaff R, Sibbald B, Marshall MN, Pickard S, Gask L, Halliwell S, Rogers A, Roland MO. Implementing clinical governance in English primary care groups / trusts: reconciling quality improvement and quality assurance. *Quality and Safety in Health Care* 2002; 11: 9-14
102. Lee J, Gask L, Roland M, Donnan S. Primary care led commissioning of mental health services: lessons from total purchasing. *Journal of Mental Health* 2002; 11: 431-439.
103. Marshall M, Sheaff R, Rogers A, Campbell S, Halliwell S, Pickard S, Sibbald B, Roland M. A qualitative study of the cultural changes in primary care organisations needed to implement clinical governance. *British Journal of General Practice* 2002; 52: 641-645.
104. Marshall M, Roland M. The new contract: renaissance or requiem for general practice? *British Journal of General Practice* 2002; 52: 531-2
105. Halder SL, McBeth J, Silman AJ, Thompson DG, Macfarlane GJ. Psychosocial risk factors for the onset of abdominal pain. Results from a large prospective population-based study. *Int J Epidemiol.* 2002 Dec;31(6):1219-25;
106. Campbell SM, Hann M, Hacker J, Roland MO. Quality assessment for three common condition in primary care: validity and reliability of review criteria developed by expert panels for angina, asthma and type 2 diabetes. *Quality and Safety in Health Care* 2002; 11: 125-130

107. Starfield B, Holtzman N, Roland M, Sibbald B, Harris R, Harris H. Primary care and genetic services: health care in evolution. *European Journal of Public Health* 2002; 12: 51-56.
108. Bower P, Mead N, Roland M. What dimensions underlie patient responses to the General Practice Assessment Survey? *Family Practice* 2002; 19: 489-495.
109. Baker R, Roland M. General practice: continuous quality improvement since 1948. *British Journal of General Practice* 2002; 55 (supplement): S2-S3.
110. Pickard S, Marshall M, Rogers A, Roland M, Sheaff R, Sibbald B, Campbell S, Halliwell S. User involvement in clinical governance. *Health Expectations* 2002; 5: 187-198.
111. Bower P, Roland MO. Bias in patient assessments on general practice: General Practice Assessment Survey scores in surgery and postal responders. *British Journal of General Practice* 2003; 53: 126-128.
112. Bower P, Roland M, Campbell J, Mead N. Setting standards based on patients' views on access and continuity: secondary analysis of data from the general practice assessment survey. *British Medical Journal* 2003; 236: 258-60.
113. Marshall MN, Shekelle PG, McGlynn EA, Campbell S, Brook RH, Roland MO. Can health care quality indicators be transferred between countries? *Quality and Safety in Health Care* 2003; 12: 8-12.
114. Mead N, Varnam R, Rogers A, Roland M. What predicts patients' interest in the internet as a health resource in primary care in England. *Journal of Health Services Research and Policy* 2003; 8: 33-39.
115. Campbell S, Steiner A, Robison J, Webb D, Raven A, Roland M. Is the quality of care in general medical practice improving? Results of a longitudinal observational study. *British Journal of General Practice* 2003; 53: 298-304
116. Gask L, Rogers A, Oliver D, May C, Roland M. Qualitative study of patients' perceptions of the quality of care for depression in general practice. *British Journal of General Practice* 2003; 53: 278-283
117. Sheaff R, Rogers A, Pickard S, Marshall M, Campbell S, Roland M, Sibbald S, Halliwell S. A subtle governance: 'soft' medical leadership in English primary care. *Sociology of Health and Illness* 2003; 25: 408-428.
118. Suzukamo Y, Fukuhara S, Kikuchi S, Konno S, Roland M, Iwamoto Y, Nakamura T. Validation of the Japanese version of the Roland Morris Disability Questionnaire. *Journal of Orthopaedic Science* 2003; 8: 543-548
119. Lanier D, Roland M, Burstin H, Knottnerus A. Doctor Performance and Public Accountability. *Lancet* 2003, 362: 1404-1408.
120. Charles-Jones H, May C, Latimer J, Roland M. Telephone triage by nurses in primary care: what is it for and what are the consequences likely to be? *Journal of Health Services Research and Policy* 2003; 8: 154-9.
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