

Dr Jeremy Wyatt's main publications

By topic, in reverse chronological order

Medical informatics in general: policy issues, definition etc.

- Wyatt JC. The Telecarer: a new role for health professionals. In: *New Practitioners in the Future Health Service*, edited by Rachel Lissauer and Liz Kendall. Institute for Public Policy Research, London, 2002. www.ippr.org.uk/press/index.php?release=174
- Wyatt JC, Liu JLY. Basic concepts in medical informatics: a glossary. *J Epidemiology & Community Health* 2002; 56: 808-812
- Michael Rigby, Jari Forsström, Ruth Roberts, and Jeremy Wyatt. Verifying quality and safety in health informatics services. *BMJ* 2001; 323: 552-556
- Friedman CP, Wyatt JC. Publication bias in medical informatics. *JAMIA* 2001; 8: 189-91 (editorial)
- Keen J, Wyatt JC. Back to basics on NHS networking. *BMJ* 2000; 321: 875-8
- Wyatt JC. Possible implications of information and communications technologies for NHS buildings in 2020. In: Rosemary Glanville & Susan Francis (eds), *Health care building for tomorrow: developing a 2020 vision* (ISBN 1 902089 242 1). London 2000: Nuffield Trust: 21-24
- Wyatt JC. The changing truth: capturing electronic medical knowledge. In: Sabovic Z, Pearson D (eds.): *A Healthy Heritage: collecting for the future of medical history*. London: Wellcome Trust 1999
- Wyatt J. Four barriers to realising the information revolution in health care. Chapter 5 in: Lenaghan J (ed), *Rethinking IT and health*. London: Institute for Public Policy Research, 1998: 100-122
- Wyatt JC, Keen JR. The NHS's new information strategy. *BMJ* 1998; 317: 900 (editorial)
- Wyatt JC. Will improved clinical information help realise the new NHS ? *BMJ* 1998; 316: 28-9 (commentary)
- Wyatt JC. Medical informatics: artefacts or science ? *Methods Inf Med* 1996; 35(3): 197-200 (editorial)
- Wyatt JC. Advances in communication and information technology: implications for health services. Chapter 14 in: Peckham M, Smith R (eds). *The scientific basis of health services*. London: BMJ Publishing, 1996: 124-137
- Heathfield H, Wyatt JC. The road to professionalism in medical informatics: a proposal for debate. *Methods Inf Medicine* 1995; 34: 426-33
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- Wyatt J. Computer phobia. *Lancet* 1990; 335: 1223 (letter)
- Wyatt J. Medical informatics: computer applications in healthcare. *Lancet* 1990; 336: 406 (review of Shortliffe et al, 1990)

Evaluation in general, & specifically of decision-support systems

- Randolph A, Haynes B, Wyatt J, Cook D, Guyatt G. Therapy and validity - Computer-Based Clinical Decision Support Systems. Chapter 2B1 in Guyatt G, Rennie D (eds.), *Users' guide to the medical literature*. AMA Press, Chicago, 2002: 291-308
- Dr Jeremy Wyatt. *Development of an Evaluation Methodology for NSW Health Clinical Information Access Program (CIAP)*. Sydney: New South Wales Health department, March 2001. ISBN 0 7347 3250 3. www.health.nsw.gov.au

- Wyatt J, Wyatt S. When and how to evaluate clinical information systems ? Health Management International 2001 (in press)
- Friedman C, Owens D, Wyatt J. Evaluation & technology assessment in medical informatics. Chapter 8 in Medical Informatics: Computer Applications in Health Care and Biomedicine (EH Shortliffe, LE Perreault, G Wiederhold, LM Fagan, eds),. New York: Springer-Verlag, 2000: 282-325
- Wyatt J. When to use web based surveys ? JAMIA 2000; 7: 448-52 (editorial)
- Wyatt JC. Evaluating the impact of telemedicine on health professionals and patients. Chapter 5 in: Rigby M, Roberts R, Thick M. Taking health telematics into the 21st century. Abingdon: Radcliffe Medical Press 2000: 61-76
- Wyatt J. Evaluating electronic consumer health material. BMJ 2000; 320: 159-60 (commentary)
- Wyatt JC, Paterson-Brown S, Johanson R, Altman DG, Bradburn M, Fisk N. Randomised trials useful to find best methods of enhancing clinical practice. **BMJ** 1999; 318: 1353 (letter)
- Herbst K, Littlejohns P, Rawlinson J, Collinson M, Wyatt JC. Evaluating computerised health information systems: hardware, software and human ware. Experiences from the Northern Province, South Africa. J Public Health Medicine 1999; 21: 305-10
- Randolph AD, Haynes RB, Wyatt JC, Cook DJ, Guyatt GH. Users' Guides to the Medical Literature: XVIII. How to Use an Article Evaluating the Clinical Impact of a Computer-Based Clinical Decision Support System. JAMA 1999; 282: 67-74
- Wyatt J. Quantitative evaluation of clinical software, exemplified by decision support systems. Int J Med Informatics 1997; 47: 165-173
- Wyatt JC. Measuring quality and impact of the World Wide Web. BMJ 1997; 314: 1879-81 (commentary)
- Wyatt J. Evaluation of clinical information systems. Chapter 30 in: van Bommel JH (ed), Handbook of Medical Informatics. Springer Verlag 1997: 463-9
- Wyatt J. Gold standards: questions and answers. J Health Services Research and Policy 1997; 2(1): 60-1
- Wyatt JC. Telemedicine trials: clinical pull or technology push ? BMJ 1996; 313: 1380-81 (commentary)
- Friedman C, Wyatt J. Evaluation methods in medical informatics. New York: Springer-Verlag 1997 (ISBN 0-387-94228-9), reprinted 1998 [for review see: Faughnan J. BMJ 1997; 315: 689 www.bmj.com/cgi/content/full/315/7109/689]
- Wyatt JC, Altman DG. Prognostic models: clinically useful, or quickly forgotten ? BMJ 1995; 311: 1539-41 (commentary)
- Detmer WM, Shiffman S, Wyatt JC, Friedman CP, Lane CD, Fagan LM. A continuous speech interface to a decision support system II. An evaluation using a Wizard-of-Oz experimental paradigm. J Amer Med Informatics Ass 1995; 2: 46-57
- Wyatt JC, Detmer WM, Fagan LM. Design & evaluation of multimedia stimuli to evoke clinical concepts. In: Safran C (ed), Proc 17th Annual Symposium on Computer Applications in Medical Care, Washington DC. AMIA Inc., 1993: 834-839
- Wyatt J, Spiegelhalter D. The evaluation of medical expert systems. In: Evans D, Patel V (eds), Advanced models of cognition for medical training and practice. MIT Press, 1992 (NATO ASI series F97): 101-120
- Wyatt J, Spiegelhalter D. Field trials of medical decision-aids: potential problems and solutions. In Clayton P (ed). Proc. 15th Symposium on Computer Applications in Medical Care, Washington 1991. New York: McGraw Hill Inc 1991: 3-7
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Decision support systems in general (not evaluation, nor specific decision support systems)

- Wyatt J, Taylor P. Decision support systems and clinical innovation. Chapter 11 in: Haines A, Donald A: *Getting research findings into practice (2nd Edition)*. London: BMJ Publishing 2001: 123-37
- Gant V, Rodway S, Wyatt J. Artificial neural networks: practical considerations for clinical application. Chapter 14 in: Dybowski R, Gant V (eds), *Clinical application of neural networks*. Cambridge: CUP 2001: 329-356
- Hammond P, Modgil S, Wyatt JC. Safety and computer-aided design of chemotherapy plans. *Topics in Health Inf Manage.* 2000; 20(4): 55-66
- Wyatt JC. The promises and perils of modelling medical reasoning. In: van Bemmelen JH, McCray AT (eds), *Yearbook of Medical Informatics 1999*. Stuttgart: Schattauer Verlag, 1999: 161-5
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- Wyatt J. Commentary on computer-based reminder systems. *Evidence-based Health Policy and Management* 1997; 4: 96-7
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- Wyatt JC. Use of Medical Knowledge Systems: Lessons from Computerised ECG Interpreters. In Barahona P, Christensen J (eds), *Knowledge & Decisions in Health Telematics*. IOS Press 1994: 73-80
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- Wyatt J. Decision-support systems. In: van Bemmelen J, McCray A (eds). *Yearbook of Medical*

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- Wyatt J, Emerson P. A pragmatic approach to knowledge engineering, with an application to a difficult domain. Chapter 4 in Berry D, Hart A (eds), "Expert systems: Human issues". London 1990: Chapman & Hall: 65-78
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- Brahams D, Wyatt J. Decision-aids and the law. Lancet 1989; 2: 632-34
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Specific decision support systems and/or evaluation results on them

- Wyatt JC. Commentary on Jones et al: Personalised computer based information is preferred to other sources of information by cancer patients. Evidence-based Healthcare 2000; 4: 71
- Wyatt J. Commentary on Raschke et al 1998: A computer alert system may reduce injury from adverse drug events. Evidence-based Healthcare 1999; 3: 37
- Wyatt J, Altman D, Heathfield H, Pantin C. Development of Design-a-Trial, a knowledge-based critiquing system for authors of clinical trial protocols. Comp Meth Prog Biomed 1994; 43: 283-291
- Wyatt J, Altman D, Pantin C et al 1993. Design-a-Trial: a Knowledge-Based Aid for Writers of Clinical Trial Protocols. In: Reichert A, Sadan B, Bengtsson S, Bryant J, Piccolo U (eds), Proc. Medical Informatics Europe '93, Jerusalem (ISBN 965-294-091-7). London: Freund Ltd, 1993: 68-73
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- Wyatt J. Lessons learned from the field trial of ACORN, an expert system to advise on chest pain. In Proceedings of Sixth World Conference on Medical Informatics, Singapore. Barber B, Cao D, Qin D, Wagner G (eds); Amsterdam: North Holland, 1989: 111-115
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Medical knowledge & its dissemination in general (not using decision support)

- Potts HWW; Wyatt JC. Survey of Doctors' Experience of Patients Using the Internet. Journal of Medical Internet Research 22/4/2002. <http://www.jmir.org/2002/1/e5/>
- Burr R, Johanson R, Wyatt J, Watt I, Jones P. A randomised trial of an intervention package designed to promote external cephalic version at term. Eur J Obs & Gynae 2001; 100: 36-40
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- Wyatt JC. Clinical knowledge and practice in the information age: a handbook for health professionals. RSM Press. ISBN 1-85315-483-0, 100pp, February 2001
<http://www.roysocmed.ac.uk/pub/bkwyatt.htm>
- Dr Jeremy Wyatt on behalf of Rachel Rowe, Jeremy Grimshaw, Richard Gordon, Nick Hicks, Doug Altman, Pierre Durieux, Flora Haaijer, Petra Denig, Paramjit Gill, Moire Kenny. The effects of manual paper reminders on professional practice and health care outcomes: a systematic review of 22 randomised controlled trials including 41705 patients. Unpublished final report for NHS R & D project no. IMP 15-11, 14/12/2000
- The North Staffordshire Changing Childbirth Team. A randomised study of midwifery caseload care and traditional "shared care". *Midwifery* 2000; 16: 295-302
- Wyatt JC. Knowledge for the clinician 10. Management of explicit and tacit knowledge. *J Roy Soc Med* 2001; 94: 6-9
- Wyatt JC. Knowledge for the clinician 9. Decision support systems. *J Roy Soc Med* 2000; 93: 629-33
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- Wyatt JC. Knowledge for the clinician 7. Intranets. *J Roy Soc Med* 2000; 93: 530-34
- Wyatt JC. Knowledge for the clinician 6. Information for patients. *J Roy Soc Med* 2000; 93: 467-71
- Wyatt JC. Knowledge for the clinician 5. Reading journals and monitoring the published work. *J Roy Soc Med* 2000; 93: 423-7
- Wyatt JC. Knowledge for the clinician 4. Continuing education or life long learning ? *J Roy Soc Med* 2000; 93: 369-72
- Wyatt JC. Knowledge for the clinician 3. Practice guidelines and other support for clinical innovation. *J Roy Soc Med* 2000; 93: 299-304
- Wyatt JC, Anagnostelis B. Knowledge for the clinician 2. Reference material: books and multimedia. *J Roy Soc Med* 2000; 93: 244-6
- Wyatt JC. Knowledge for the clinician 1. Clinical questions and information needs. *J Roy Soc Med* 2000; 93: 168-171
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- Godlee F, Goldmann D, Donald A, Barton S, Wyatt J, Woolf S (eds). *Clinical Evidence issues 1-3*. London: BMJ Publishing 1999. <http://www.clinicalevidence.org>
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- Wallace S, Wyatt J, Taylor P. Telemedicine in the NHS for the millenium and beyond. *Postgrad Med J* 1998; 74: 721-8
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Wyatt J. Use and sources of medical knowledge. *The Lancet* 1991; 338: 1368-1373

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Clinical data systems for patient management and research

Wyatt JC. Same information, different decisions: format counts. *BMJ* 1999;318: 1501-1502 (editorial)

Wyatt JC, Wright P. Medical Records 1: Design should help use of patient data. *Lancet* 1998; 352: 1375-8

Nygren E, Wyatt JC, Wright P. Medical Records 2: Helping clinicians to find information and avoid delays. *Lancet* 1998; 352: 1462-6

Wright P, Jansen C, Wyatt JC. Medical Records 3: How to limit clinical errors in interpretation of data. *Lancet* 1998; 352: 1539-43

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Wyatt JC. Clinical data systems, Part II: Components and techniques. *Lancet* 1994; 344: 1609-1614

Wyatt JC. Clinical data systems, Part III: Developing and evaluating clinical data systems. *Lancet* 1994; 344: 1682-88

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Miscellaneous, non-medical informatics

Wyatt JC. Clinical trials in sepsis and septic shock: insights from cancer trials and decision-aid evaluation. *Theoretical Surgery* 1994; 9: 48-51

Kinnear W, Dennis P, Reville S, Wyatt J, MacFarlane J. Direct access for GPs to pulmonary function laboratory [letter]. *Br J Gen Pract*. 1990; 40: 304

Emerson PA, Russell NR, Wyatt JC et al. An audit of the management of patients attending an accident and emergency department with chest pain. *Quart J Med* 1989; 70: 213-20

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Bobby JJ, Spencer PD, Wyatt JC, Farmer RD. AIDS deaths in the UK - how complete are the figures? *Public Health* 1988; 102: 519-24

Smith D, McLuckie A, Wyatt J, Gazzard B. Severe exercise hypoxaemia with normal or near normal X-rays: a feature of pneumocystis infection. *Lancet* 1988; 2: 1049-51

New structure:

MI in general

- Health information strategy
- MI as a discipline - definitions, ethics etc.
- Evaluation in general
 - Evaluation of electronic knowledge resources
 - Evaluation of DSS
 - Evaluation of other systems
 - Evaluation case studies
- Managing medical K in general
 - Internet, telemedicine & eHealth
 - DSS in general and specific DSS (inc. evaluation results)
- Managing patient data in general
 - Information design
- Other, not MI