

# CURRICULUM VITAE - MARJON VAN DER POL

## BIOGRAPHICAL DATA

Address: Health Economics Research Unit  
University of Aberdeen  
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Telephone: +44 1224 437172

Present position: Professor of Health Economics

Department: Health Economics Research Unit

Institution: University of Aberdeen

## ACADEMIC RECORD

PhD in Economics, 2001, University of Aberdeen, United Kingdom

### i. Undergraduate/Graduate

Drs (MA) in Business Economics, 1995, University of Nijmegen, Netherlands

### ii. Special professional

Diploma in Health Economics, 1996, University of Tromsø, Norway

## ACADEMIC APPOINTMENTS

### Current position

**Professor in Health Economics** (since November 2012), **Depute Director** (since July 2013), **Director of Teaching** (since July 2013), Health Economics Research Unit, University of Aberdeen.

**Honorary Professor**, Behavioural Science Centre, University of Stirling (since September 2015)

## **Previous positions**

Apr 2008 – Jul 2013 **Director of Behaviour, Health and Health Systems Programme**, Health Economics Research Unit, University of Aberdeen.

Aug 2009-Nov 2012, **Reader**, Health Economics Research Unit, University of Aberdeen.

Feb 2011-Sept 2011, **Acting Depute Director**, Health Economics Research Unit, University of Aberdeen.

May 2004 – Aug 2009, **Senior Research Fellow**, Health Economics Research Unit, University of Aberdeen.

May 2004 - Mar 2008, **Co-director of Economic Evaluation Programme**, Health Economics Research Unit, University of Aberdeen.

Nov 2002 – Apr 2004, **Assistant Professor**, Department of Community Health Sciences & Centre for Health and Policy Studies, University of Calgary (Canada).

Feb 2002 – Nov 2002, **Postdoctoral Fellow**, Department of Community Health Sciences & Centre for Health and Policy Studies, University of Calgary (Canada).

Oct 2001 – Nov 2001, **Research Fellow (grade II)**, Health Economics Research Unit, University of Aberdeen.

Jun 1997 – Oct 2001, **Research Fellow (grade IA)**, Health Economics Research Unit, University of Aberdeen.

Jun 1995 – Jun 1997, **Research Assistant (grade IB)**, Health Economics Research Unit, University of Aberdeen.

<h2><b>EDUCATIONAL ACTIVITIES</b></h2>
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### **i. Teaching**

1. **MSc Applied Economics (Health Pathway)** (2015-2017), University of Aberdeen.  
Pathway coordinator.

2. **MSc Economics, Scottish Graduate Programme in Economics** (2010-present), Health Economics option, course coordinator and lecturer.
3. **MSc Economics of Health** (2012-2015), University of Aberdeen. Programme director, course coordinator and lecturer.
4. **MA Economics** (2009), University of Aberdeen, EC3518, “Health Economics”, four lectures and two seminars on health systems.
5. **MSc Health Services and Public Health Research** (1998, 2004-2009), **MSc International Health and Management** (2006-present), **MBA International Health Care Management** (2006-present), University of Aberdeen, PU5002, “Health Economics”, course coordinator and main lecturer (2005-2008), occasional lectures (1998, 2004, 2008, and 2009).
6. BSc Health Sciences (1998-1999, 2004, 2005- present), University of Aberdeen, lectures on Economic Evaluation, second marker of essays.
7. Intercollegiate exam (2005), lecture on Economic Evaluation.
8. **MA/MEc in Economics/ MSc Community Health Sciences** (2003), University of Calgary, ECON 679, “Health Economics”, course coordinator and main lecturer.
9. **Pediatric residents** (2002), University of Calgary, lecture on Economic Evaluation.
10. **Community Medicine residents** (2002), University of Calgary, lecture on Priority Setting in Health Care.
11. **Health Economics Certificate Course** (1997-2001), University of Aberdeen, lectures on Basic Economic concepts, Valuation of benefits, Health Care Systems, and Equity to health service professionals on the three residential seminars.

## ii. PhD Supervision

Xuemin Zhu, *The role of the physician’s risk and time preferences and personality in clinical decision making*. University of Aberdeen, 2018-.

Uma Thomas, *Seeing into the future: the role of time preferences in changing health behaviours*. University of Aberdeen, 2016-.

Laura Dysart, *Economic methods to optimise self management*, University of Aberdeen, submitted.

Dwayne Boyers, *Measuring value within an economic evaluation framework: a case study of dental care*, University of Aberdeen, submitted.

Alastair Irvine, *Hyperbolic discounting in health decision making; examining patients’ and doctors’ time preferences in relation to adherence*, University of Aberdeen, Awarded 2018.

Ewan Gray, *Intertemporal preferences for future health events*, University of Aberdeen, awarded 2012.

Graham Scotland, *Valuing outcomes in economic evaluations of maternal and reproductive health care interventions*, University of Aberdeen, awarded 2011.

## **PROFESSIONAL ACTIVITIES**

### **Editorial board**

Economics Research International (2010-)

BMC Medical Research Methodology (2011-2017)

### **Membership of committees**

- MRC Skills Development Panel, Deputy Chair, 2016 – present.
- Member of the Programme Development Group (PDG) for the NICE public guidance on Tobacco Harm, 2011-2013.
- Member of Collaborative Applied Research Grants committee, Health Research Board Ireland, 2012.
- Member of Sub-Panel, NIHR Programme Grants for Applied Research, 2009- 2011.
- Member of the scientific committee of Joint UK Health Economists Study Group and French Health Economics Meeting, 2012.
- Member of the scientific committee of international Health Economics Association (iHEA), 2006-2008.
- Member of the Health Policy, Health Services, and Health Outcomes Peer Review Committee, Nova Scotia Health Research Foundation, Canada, 2003.

**Expert reviewer**, annual review of EuroPrevall project, 6<sup>th</sup> Research Framework Programme, European Commission, Brussels 1-3 September 2008.

### **Reviewer for grant awarding bodies:**

- Economic and Social Research Council (ESRC)
- Medical Research Council (MRC)
- National Institute for Health Research Health Technology Assessment Programme (NIHR HTA Programme)
- National Institute for Health Research Public Health Research Programme
- National Institute for Health Research Programme Grants for Applied Research
- Wellcome trust

- Carnegie Trust
- Chief Scientist Office, Scotland
- Department of Health, England.
- Social Sciences and Humanities Research Council of Canada
- Health Research Board, Ireland
- Netherlands Organisation for Scientific Research (NWO)
- Netherlands Organisation for Health Research and Development

### **Journal referee for**

- American Economic Review
- Applied Health Economics and Health Policy
- BMC Health Services Research
- British Medical Bulletin
- Canadian Journal on Aging
- Canadian Public Policy
- Clinical Journal of the American Society of Nephrology
- Computer Methods and Programs in Biomedicine
- Cost Effectiveness and Resource Allocation
- Current Medical Research and Opinion
- Economics Research International
- Economics and Human Biology
- Environment and Development Economics
- European Journal of Health Economics
- Health and Quality of Life Outcomes
- Health Care Management Science
- Health Economics
- Health Expectations
- Health Policy
- Health Technology Assessment
- the International Journal of Health Geographics
- the International Journal of Health Planning and Management
- Journal of Behavioral and Experimental Economics
- Journal of Economic Surveys
- Journal of Health Economics
- Journal of Health Services Research & Policy
- Journal of Telemedicine and Telecare
- Medical Decision Making
- Nordic Journal of Health Economics
- Pharmacoeconomics

- Quality of Life Research
- Social Science and Medicine
- Vaccine
- Value in Health

### **Other reviewing**

- Reviewer for Department of Health
- Reviewing of NICE Technology Assessment Reports (TARs)
- Reviewing of NICE Guidelines for NIHR HTA Programme

### **External and internal examiner**

- PhD Health Economics (2018) University of Southern Denmark, Eskild Klausen Fredslund.
- PhD Economics (2017) Aalborg University, Flemming Witt Udsen, *Health economic evaluation of telehealthcare*.
- PhD Health Economics (2016) University of Southern Denmark, Isabelle Mairey, *Economic issues related to the evaluation and application of telehealth*.
- PhD (2016), University of Aberdeen, Internal examiner, James Currie, *Neuroeconomics investigation of decision making in schizophrenia using functional magnetic resonance imaging*.
- PhD Economics (2015) University of Aberdeen, Internal examiner, Jae Ho Lee. *Source of income effect on individual risk and time preferences: experimental approach*.
- PhD Economics (2013) Heriot Watt University, External examiner, Gemma Blackledge. *Health and incomes in Malawi and the KwaZulu-Natal province of South Africa*.
- PhD Health Economics (2010) University of Aberdeen, Internal examiner, Yan Feng. *An economic analysis of intrinsic and extrinsic motivation in the supply of health care*.
- PhD Health Economics (2008) University of Aberdeen, Internal examiner, Dean Regier. *Discrete choice experiments informing cost benefit analysis: a Bayesian approach with an application to genetic testing*.
- PhD Economics (2006), University of Aberdeen, Internal examiner, Patricia Fernandes. *The effects of rurality and remoteness on hospital costs in Scotland*.
- PhD Health Economics (2006), University of Aberdeen, Internal examiner, Paulos Teckle. *Routine data analysis of urban-rural differences and primary medical care in Scotland*.
- Faculty opponent for Norwegian PhD public examination (2005). University of Bergen, Bjarne Robberstad, *Economic evaluation of health interventions in sub-saharan Africa*.
- MA Economics (2004), University of Calgary, External examiner, Nirmal Sidhu *The Role of Cognitive ability in the Health-Education Nexus*.

*Feasibility study of how best to engage obese men in narrative SMS (short message system) and incentive interventions for weight loss, to inform a future effectiveness and cost-effectiveness trial.* NIHR Public Health Research Programme, £490,970, 2016-2018, Co-I.

*INTERVAL Dental Recalls Trial: full trial follow-on.* NIHR HTA. £2,670,030. 2011-2018, Co-I.

*Improving the Quality of Dentistry (IQuaD): A randomised controlled trial comparing oral hygiene advice and periodontal instrumentation for the prevention and management of periodontal disease in dentate adults attending dental primary care.* NIHR HTA £2,447,081. 2011-2017, Co-I.

*Avoidable Scottish Hospitalisations (ASH).* CSO, £187,821 . 2013-2015, PI.

*Can eliciting and addressing health-related goals improve asthma control and asthma-related quality of life? Feasibility Phase II pilot randomised controlled trial of a brief intervention.* CSO, £176,957. 2012-2013, Co-I.

*Are 'potentially preventable hospitalisations' a valid measure of the quality and affordability of primary and community care in Australia?* NHMRC (National Health Medical Research Council, Australia). \$AUD 387,140. 2012-2014, Co-I.

*Improving the Efficient and Equitable Care of Patients with Chronic Medical Conditions Interdisciplinary Chronic Disease Collaboration (ICDC).* Alberta Heritage for Medical Research (Canada), Interdisciplinary team grant, \$5,854,920. 2009-2014, Co-I.

*The role of elective neck dissection in patients with early oral squamous cell carcinoma (1-3cm primary size) and no clinical evidence of lymph node metastases in the neck (N0) (Acronym - SEND),* CRUK, £743,296. 2007-2014, Co-I.

*Improving health and health behaviours through serious games.* Royal Society of Edinburgh. £4,500. 2011-2012, Co-I.

*The use of global position satellite tracking in wandering patients with dementia: feasibility study.* CSO, £46,685. 2011-2012, Co-I.

*An evaluation to assess the effectiveness of 'Quit 4 U'.* NHS Health Scotland, £135,000. 2009-2012, Co-I.

*Telemetric supported self-monitoring of long-term conditions.* CSO NHS Applied Research Programme grant, £930,277. 2008-2012, Co-I.

*INTERVAL Dental Recalls Trial: a feasibility study and follow-on.* NIHR HTA. £596,212. 2009-2011, Co-I.

*A randomized control trial of the effect of exercise capacity in older patients with heart failure.* CSO. £213,465. 2007-2010, Co-I.

*Economic evaluation of tele-endoscopy.* Scottish Centre for Telehealth. £12,643. 2008-2009, PI.

*Multi-method study of telehomecare video-visits in rural Alberta.* Canadian Institute of Health Research, \$420,000. 2003-2006, Co-I.

*Eliciting public's preferences for priority setting of new pharmaceuticals.* Institute of Health Economics, Edmonton, \$30,249. 2005-2006, CO-I.

*Valuation of time spent on waiting lists: an economics approach.* Western Canada Waiting List Project. \$9,950. 2003-2004, Co-I.

*Eliciting preferences for new interventions: a comparison of decision makers and the public with regards to priority setting.* Institute of Health Economics, Edmonton, \$9,950. 2003, Co-I.

<b>INVITED PRESENTATIONS</b>
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Pol, M van der. *Designing financial incentives for weight loss: the role of behavioural economics and preference elicitation*, ESRC Workshop on the Economics of Health Behaviours and Health Information, University of Bath in London, London, March 2018.

Pol, M van der. *Time preference and health*. Seminar presentation, Geary Institute, University College Dublin, Dublin, May 2017.

Pol, M van der. *Designing financial incentives for weight loss: the role of behavioural economics and preference elicitation*. Seminar presentation, LSE Health and Social Care, London, May 2017

Pol, M van der. *Can we improve the measurement of time preference to enhance the predictive validity of health behaviours*. Seminar presentation, Erasmus University Rotterdam, Netherlands, October 2016.

Pol, M van der. *Time preference, present bias and physical activity*. Seminar Presentation, Centre of Health Economics Research, University of Southern Denmark, November 2015.

Pol, M van der. *Time preference, present bias and physical activity*. Seminar Presentation, Behavioural Science Centre, University of Stirling, March 2015.

Pol, M van der. *Time preference, present bias and physical activity*. Seminar Presentation, University of Exeter, December 2014.

Pol, M van der. *Measuring time preference: insights from the health context*. Invited presentation, ESRC Behavioural Science Workshop: Preference and Personality, University of Stirling, November 2014.



Pol, M van der. Geographical preference heterogeneity: a plausible hypothesis for higher levels of mortality in Glasgow? Seminar Presentation, University of Lausanne, October 2014.

Pol, M van der. *Can preference heterogeneity partly explain the Glasgow effect?* Seminar Presentation, School of Health and Related Research (ScHARR) Seminar Series, University of Sheffield, Sheffield. March 2013.

Pol, M van der. *Can preference heterogeneity partly explain the Glasgow effect?* Seminar Presentation, Glasgow Health Economics Seminar Series, January, 2013.

Pol, M van der. *HESG 40<sup>th</sup> anniversary plenary session*. Invited plenary at the Health Economists' Study Group Meeting, Oxford, June, 2012.

Amos A, Pol, M van der. *Lessons from quit4u: combining support, pharmacotherapy, and financial incentives to support smoking cessation*. Invited plenary at the UK National Smoking Cessation Conference, Birmingham, June, 2012.

Pol, M van der. *Socioeconomics Status, Time Preference and Health*. Invited presentation to the SIRE Workshop on Value Well-Being and Decisions, Stirling, April, 2012.

Pol, M van der. *Time preferences*. Presentation to NICE citizen council, London, November 2011.

Pol, M van der. The role of time and risk preferences and cognitive ability in the education-health relationship. Seminar presentation, University of Newcastle, Newcastle, November 2011.

Pol, M van der. *Time and risk preferences and health investments*. Seminar presentation, University of Calgary, Canada, December 2010.

Pol, M van der. *How to conduct a cost-effectiveness analysis of telemedicine/telecare*. Invited workshop to Telemed and eHealth conference, Royal Society of Medicine, London, November 2009.

Pol, M van der. *Valuing future health: empirical evidence and implications for discounting practices*. Invited presentation to workshop on Investing in an Uncertain Future, Institute for Advanced Studies, Glasgow, September 2009.

Pol, M van der. *Education, health and time preference*. Seminar presentation to the Health Economics Group, University of Calgary, Canada, March 2008.

Pol, M van der, Cairns J. *Discounting health*. Seminar presentation to Melbourne Institute of Applied Economic and Social Research, University of Melbourne, Australia, December 2005.

Pol, M van der, Shiell A. *Exploring individuals' decision making in TTO: the impact of a parental perspective on responses*. Seminar presentation to the Sheffield Centre for Health and Related Research, University of Sheffield, United Kingdom, January 2005.

Pol, M van der, Shiell A. Exploring individuals' decision making in health utility measurement: the impact of the welfare of others on Time Trade Off responses. Seminar presentation to the Department of Economics, University of Bergen, Norway, November 2004.

Pol, M van der, Shiell A. *Health outcome valuation in new mothers*. Seminar presentation to the Centre for Health Care Innovation and Improvement, Institute for Children and Women's Health, Vancouver, Canada, February 2004.

Pol, M van der, Cairns J. *Methods for eliciting time preferences over future health events*. Seminar presentation to the Health Economics Group, University of Heidelberg, Germany, July 2002.

Pol, M van der, Cairns J. *Are intertemporal preferences for health stationary?* Seminar presentation to Health Economics Research Programme, University of Oslo, Norway, January 2001.

Pol, M van der, Cairns J. *Do people value their own future health differently from others' future health?* Seminar presentation to the University of Sydney, Australia, December 1998.

Pol, M van der, Cairns J. The estimation of marginal time preference rates in a UK-wide sample: objectives, design and econometric analysis of the TEMPUS study. Seminar presentation to the Erasmus University Rotterdam, The Netherlands, April 1998.

## PUBLICATIONS/PRESENTATIONS

### i. Peer-reviewed manuscripts

1. Radley A, **Pol M van der**, Dillon JF. Application of a discrete choice experiment approach to support the design of a hepatitis c testing service in primary care. *International Journal of Drug Policy* 2019; 65:1-9. [Link](#).
2. **Pol M van der**, Irvine A. Time Preferences for Health. In the *Oxford Research Encyclopedia of Economics and Finance*. Oxford University Press. 2018. [Link](#).
3. Clarkson JE, Pitts NB, Bonetti D, Boyers D, Braid H, Elford R, Fee PA, Floate R, Goulão B, Humphris G, Needleman I, Norrie JDT, Ord F, **Pol van der M**, Ramsay CR, Ricketts DNJ, Worthington HV, Young L, INTERVAL Trial Collaboration. INTERVAL (investigation of NICE technologies for enabling risk-variable-adjusted-length) dental recalls trial: a multicentre randomised controlled trial investigating the best dental recall interval for optimum, cost-effective maintenance of oral health in dentate adults attending dental primary care. *BMC Oral Health* 2018; 18: 135. [Link](#).

4. Ramsay CR, Clarkson JE, Duncan A, Lamont TJ, Heasman PA, Boyers D, Goulão B, Bonetti D, Bruce R, Gouick J, Heasman L, Lovelock-Hempleman L A, Macpherson LE, McCracken GI, McDonald AM, McLaren-Neil F, Mitchell F E, Norrie JD, **Pol M van der**, Sim K, Steele JG, Sharp A, Watt G, Worthington HV, Young L. Improving the Quality of Dentistry (IQuaD): A cluster factorial randomised controlled trial comparing the effectiveness and cost-benefit of oral hygiene advice and/or periodontal instrumentation with routine care for the prevention and management of periodontal disease in dentate adults attending dental primary care. *Health Technology Assessment* 2018;22(38). [Link](#).
5. **Pol M van der**, Hennessy D, Manns B. The role of time and risk preferences in adherence to physician advice on health behaviour change. *European Journal of Health Economics* 2017; 18: 372. [Link](#).
6. Gaylor Hoskins G, Williams B, Abhyankar P, Donnan PT, Pinnock H, Duncan AES, **Pol M van der**, Rauchhaus P, Taylor AD, Sheikh A. Achieving Good Outcomes for Asthma Living (GOAL): mixed methods feasibility and pilot cluster randomised controlled trial of a practical intervention for eliciting, setting and achieving goals for adults with asthma. *Trials*. 2016; 17: 584. [Link](#).
7. Galizzi MM, Miraldo M, Stavropoulou C, **Pol M van der**. Doctor-patient differences in risk and time preferences: a field experiment. *Journal of Health Economics* 2016; 50: 171-182. [Link](#)
8. **Pol M van der**, Walsh D, McCartney G. Comparing time and risk preferences across three post industrial UK cities. *Social Science and Medicine*. 2015; 140: 54-61. [Link](#).
9. Brown H, **Pol M van der**. Intergenerational transfer of time and risk preferences. *Journal of Economic Psychology* 2015; 49: 187-204. [Link](#).
10. Walsh D, McCartney G, McCullough S, **Pol M van der**, Buchanan D, Jones R. Always looking on the bright side of life? Exploring optimism and health in three UK post-industrial urban settings. *Journal of Public Health* 2015; 37: 389-397. [Link](#).
11. Walsh D, McCartney G, McCullough S, **Pol M van der**, Buchanan D, Jones R. Comparing levels of social capital in three northern post-industrial UK cities. *Public Health* 2015; 129: 629-638. [Link](#).
12. Stoddart A, **Pol M van der**, Pinnock H, Hanley J, McCloughan L, Todd A, Krishan A, McKinstry B. Telemonitoring for chronic obstructive pulmonary disease (COPD): cost and cost-utility analysis of a randomised controlled trial. *Journal of Telemedicine and Telecare* 2015; 21: 108-118. [Link](#).
13. Ormston R, **Pol M van der**, Ludbrook A, McConville S, Amos A. quit4u: the effectiveness of combining behavioural support, pharmacotherapy and financial incentives to support smoking cessation. *Health Education Research* 2015; 30: 121-133. [Link](#).
14. Brown H, **Pol M van der**. The role of time preferences in the intergenerational transfer of smoking. *Health Economics* 2014; 23: 1493-1501. [Link](#).

15. Milne H, **Pol M van der**, McCloughan L, Hanley J, Mead G, John Starr, Aziz Sheikh, McKinstry B. The use of global positional system location in dementia: A feasibility study for a randomised controlled trial. *BMC Psychiatry* 2014; 14: 160. [Link](#).
16. **Pol M van der**, Currie G, Kromm S, Ryan M. Specification of the utility function in Discrete Choice Experiments. *Value in Health* 2014; 17(2): 297-301. [Link](#)
17. Pinnock H, Hanley J, McCloughan L, Todd A, Krishan A, Lewis S, Stoddart A, **Pol M van der**, MacNee W, Sheikh A, Pagliari C, McKinstry B. Impact of telemonitoring for chronic obstructive pulmonary disease (COPD) on hospitalisation: a randomised controlled trial. *BMJ*. 2013; 347: f6070 [Link](#).
18. Hoskins G, Abhyankar P, Taylor A, Duncan E, Sheikh A, Pinnock H, **Pol van der M**, Donnan P, Williams B. Goal-setting intervention in patients with active asthma: protocol for a pilot cluster randomised controlled trial. *Trials* 2013; 14(1), 289. [Link](#).
19. Clarkson JE, Ramsay CR, Averley P, Bonetti D, Boyers B, Campbell L, Chadwick GR, Duncan A, Elders A, Gouick J, Hall AF, Heasman L, Heasman PA, Hodge PJ, Jones C, Laird M, Lamont TJ, Lovelock LA, Madden I, McCombes W, McCracken GI, McDonald AM, McPherson G, Macpherson LE, Mitchell FE, Norrie JDT, Pitts NB, **Pol M van der**, Ricketts DNJ, Ross MK, Steele JG, Swan M, Tickle M, Watt PD, Worthington HV, Young L. IQaD dental trial; improving the quality of dentistry: a multicentre randomised controlled trial comparing oral hygiene advice and periodontal instrumentation for the prevention and management of periodontal disease in dentate adults attending dental primary care. *BMC Oral Health* 2013; 13: 58. [Link](#).
20. Ruggeri M, **Pol M van der**. Is risk attitude really specific within the health domain? Further evidence from an Italian survey using Probability Equivalent technique and face to face interviews. *Health Risk and Society*. 2012; 14: 655-666. [Link](#).
21. Witham MD, Fulton RL, Creig CA, Johnston DW, Lang CC, **Pol, M van der**, Boyers D, Struthers AD, McMurdo MET. Efficacy and costs of an exercise programme for functionally impaired older heart failure patients – a randomized controlled trial. *Circulation: Heart Failure* 2012; 5: 209-216. [Link](#).
22. **Pol, M van der**. Health, education and time preference. *Health Economics* 2011; 20: 917-929. [Link](#)
23. **Pol, M van der**, Cairns J. Descriptive validity of alternative intertemporal models for health outcomes: an axiomatic test. *Health Economics* 2011; 20: 770-782. [Link](#)
24. Morton C, Downie F, Auld S, Smith B, **Pol, M van der**, Baughan P, Wells J, Wootton R. Community Photo-triage for Skin Cancer Referrals: An Aid to Service Delivery. *Clinical and Experimental Dermatology* 2011; 3: 248-254. [Link](#)
25. Williams L, Kunkler I, King C, Jack W, **Pol, M van der**. A randomised controlled trial of post-operative radiotherapy following breast-conserving surgery in a minimum-risk population. Quality of Life at five years in the PRIME trial. *Health Technology Assessment* 2011; 15: 12. [Link](#)

26. **Pol, M van der**, McKenzie L. Costs and benefits of tele-endoscopy clinics in a remote location. *Journal of Telemedicine and Telecare* 2010; 16:89-94. [Link](#)
27. **Pol, M van der**, Shiell A, Au F, Johnston DW, Tough S. Eliciting individual preferences for health care: a case study of perinatal care. *Health Expectations* 2010; 13: 4-12. [Link](#)
28. Pinnock H, Hanley J, Lewis S, MacNee W, Pagliari C, **Pol, M van der**, Sheikh A, McKinstry B. The impact of a telemetric Chronic Obstructive Pulmonary Disease monitoring service: randomised controlled trial with economic evaluation and nested qualitative study. *Primary Care Respiratory Journal* 2009; 18: 233-235. [Link](#)
29. Dorian C, Ferguson J, Ah-See K, Barr C, Lalla K, **Pol, M van der**, McKenzie, L. Wootton R. Head and neck cancer assessment by flexible endoscopy and telemedicine. *Journal of Telemedicine and Telecare* 2009; 15: 118-121. [Link](#)
30. McKenzie L, **Pol, M van der**. Mapping the EORTC QLQ C-30 onto the EQ-5D instrument: the potential to estimate QALYs without generic preference data. *Value in Health* 2009; 12: 161-171. [Link](#)
31. **Pol, M van der**, Shiell A. Au F., Johnston D. Tough S. Convergent validity between a discrete choice experiment and a direct, open-ended method: comparison of preferred attribute levels and WTP estimates. *Social Science and Medicine* 2008; 67: 2041-2050. [Link](#)
32. **Pol, M van der**, Cairns J. Comparison of two methods of eliciting time preference for future health states. *Social Science and Medicine* 2008; 67: 883-889. [Link](#)
33. **Pol, M van der**, Ruggeri, M. Is risk attitude outcome specific within the health domain? *Journal of Health Economics* 2008; 27: 706-717. [Link](#)
34. **Pol, M van der**, Shiell A. Extrinsic goals and Time Trade Off. *Medical Decision Making* 2007; 27: 406-413. [Link](#)
35. Prescott R, Kunkler I, Williams L, King C, Jack W, **Pol, M van der**, Goh T, Lindley R, Cairns J. A randomised controlled trial of postoperative radiotherapy following breast-conserving surgery in a minimum-risk older population (The PRIME trial). *Health Technology Assessment* 2007; 11: 31. [Link](#)
36. Hebert MA, Jansen JJ, Brant R, Hailey D, **Pol, M van der**. Potential and readiness for video-visits in rural palliative homecare: results of a multi-method study in Canada. *Journal of Telemedicine and Telecare* 2006; 12: S3: 43-45. [Link](#)
37. Au F, Shiell A, **Pol, M van der**, Johnston DW, Tough S. Does supplementary prenatal nursing and home visitation reduce health care costs in the year after childbirth? *Journal of Advanced Nursing* 2006; 56: 657-668. [Link](#)
38. **Pol, M van der**, Roux L. Time preference bias in Time Trade Off. *European Journal of Health Economics* 2005; 6: 107-111. [Link](#)
39. Cairns J, **Pol, M van der**. Repeated follow-up as a method for reducing non-trading behaviour in discrete choice experiments. *Social Science and Medicine* 2004; 58: 2211-2218. [Link](#)

40. Hebert MA, Jansen JJ, Brant R, Hailey D, **Pol, M van der**. Successes and challenges in a field-based, multi-method study of home telehealth. *Journal of Telemedicine and Telecare* 2004; 10: S1: 41-44. [Link](#)
41. **Pol, M van der**, Ryan M, Donaldson C. Valuing food safety improvements using willingness to pay. *Applied Health Economics and Health Policy* 2003; 2:99-107.
42. **Pol, M van der**, Cairns J. Predicting attendance for breast screening using routinely collected data. *Health Care Management Science* 2003; 6: 229-236. [Link](#)
43. Scotland G, Teijlingen E van, **Pol, M van der**, Smith W. The costs and consequences of interventions to reduce mother to child HIV transmission in sub-Saharan Africa. *Aids* 2003; 17: 1045-1052.
44. Pitchforth E, Russell E, **Pol, M van der**. Access to cancer specialists: is it equitable? *British Journal of Cancer* 2002; 87: 1221-1226. [Link](#)
45. Cairns J, **Pol, M van der**, Lloyd A. Decision making heuristics and the elicitation of preferences: being fast and frugal about the future. *Health Economics* 2002; 11: 655-658. [Link](#)
46. **Pol, M van der**, Cairns J. A comparison of the discounted utility model and hyperbolic discounting models in the case of social and private intertemporal preferences for health. *Journal of Economic Behavior and Organization* 2002; 49: 79-96. [Link](#)
47. **Pol, M van der**, Cairns J. Assessing the resource implications of extending routine invitation to breast screening to women aged 65-69 years. *European Journal of Cancer* 2001; 37: 1790-1796. [Link](#)
48. **Pol, M van der**, Cairns J. Estimating time preferences for health using discrete choice experiments. *Social Science and Medicine* 2001; 52: 1459-1470. [Link](#)
49. **Pol, M van der**, Cairns J. Negative and zero time preference for health. *Health Economics* 2000; 9: 171-175. [Link](#)
50. **Pol, M van der**, Cairns J, Galea G. The efficient organisation of blood donation: what determines the number of donors and donations? *Transfusion Medicine* 2000; 10: 5-11. [Link](#)
51. Cairns J, **Pol, M van der**. Valuing future private and social benefits: the discounted utility model versus hyperbolic discounting. *Journal of Economic Psychology* 2000; 21: 191-205. [Link](#)
52. Cairns J, **Pol, M van der**. The estimation of marginal time preference in a UK-wide sample (TEMPUS) project. *Health Technology Assessment* 2000; 4(1). [Link](#)
53. **Pol, M van der**, Cairns J. Individual time preferences for own health: an application of a dichotomous choice question with follow-up. *Applied Economics Letters* 1999; 6: 649-654. [Link](#)
54. **Pol, M van der**, Cairns J, Gilbert F, Hendry P. An economic analysis of outreach assessment clinics in the Scottish Breast Screening Programme. *International Journal of Health Planning and Management* 1999; 14: 57-67. [Link](#)



55. Cairns J, **Pol, M van der**. Do people value their own future health differently from others' future health? *Medical Decision Making* 1999; 19: 466-472. [Link](#)
56. **Pol, M van der**, Cairns J. Establishing patient preferences for blood transfusion support: an application of conjoint analysis. *Journal of Health Services Research & Policy* 1998; 3 (2): 70-76.
57. **Pol, M van der**, Cairns J. The efficient organization of blood donation. *Health Economics* 1998; 7(5): 455-463. [Link](#)
58. **Pol, M van der**, Varwijk W. Feasibility of mobile provision of health services: a study of child monitoring centres in the Netherlands. *International Journal of Health Planning and Management* 1998; 13: 244-254.
59. Cairns J, **Pol, M van der**. Cost-effectiveness of non-consensus double reading. *The Breast* 1998; 7: 243-263. [Link](#)
60. Cairns J, **Pol, M van der**. Constant and decreasing timing aversion for saving lives. *Social Science and Medicine* 1997; 45 (11): 1653-1659. [Link](#)
61. Cairns J, **Pol, M van der**. Saving future lives: a comparison of three discounting models. *Health Economics* 1997; 6(4): 341-350. [Link](#)
62. **Pol, M van der**, Ryan M. Using conjoint analysis to establish consumer preferences for fruit and vegetables. *British Food Journal* 1996; 98(8): 5-12. [Link](#)

## ii. Books, chapters

1. **Pol, M van der**, Cairns J. Chapter 3: *Methods for eliciting time preferences over future health events*. In: Advances in the Economics of Health Care, Scott A, Maynard A, Elliot R (eds). John Wiley, Chichester, 2002: 41-58.
2. Cairns J, **Pol, M van der**. Chapter 14: *Eliciting time preferences for health*. In: The Advanced Handbook of Methods in Evidence Based Healthcare, Stevens A, Abrams K, Brazier J, Fitzpatrick R, Lilford R (eds.). Sage Publications, London, 2001: 231-246.

## iii. Presentations (presenter underlined)

1. **Pol van der M**, Scott A, Irvine A, Bezannier O. *Risk attitude and GP migration*. Paper presented to European Conference on Health Economics, Maastricht, Netherlands, July 2018.
2. **Pol, M. van der**, Fawns-Ritchie C, Deary IJ. (2018) Cognitive ability and the measurement of time and risk preferences, Paper presented to UK *Health Economists' Study Group meeting, Bristol*.
3. **Pol van der M**, Scott A, Irvine A, Bezannier O. *Risk attitude and GP migration*. Paper presented to UK Health Economists' Study Group meeting, City University, London, January 2018.
4. Brown, H., **Pol, M. van der** and Daysal, M. (2017) *Is blood thicker than water? Comparing the correlation in risk preferences between biological and adopted offspring*,

Paper presented to Nordic Health Economists' Study Group Meeting, National Institute for Health and Welfare, Helsinki, Finland, August 2017

5. **Pol van der M**, Collacott H, Hoddinott P, Dombrowski S, Kee F. *Optimising the design of a financial incentive scheme for weight loss using behavioural economics and a survey of individuals' preferences*. Paper presented to UK Health Economists' Study Group meeting, Birmingham, January 2017.
6. Thomas U, **Pol van der M**, Allan J. *Demand for Physical Activity and Commitment Contracts: the Role of Time Preference, Present Bias and Sophistication*. Paper presented to UK Health Economists' Study Group meeting, Birmingham, January 2017.
7. Lades L, **Pol van der M**, *Can we improve the measurement of time preference to enhance the predictive validity of health behaviours*. Paper presented to European Conference on Health Economics, Hamburg, Germany, July 2016
8. Eberth B, **Pol van der M**, Kemenev D. *Present bias and physical activity*. Network for Integrated Behavioural Science 2015 conference. Nottingham, April 2015.
9. Eberth B, **Pol van der M**, Kemenev D. *Quasi-hyperbolic discounting and physical activity*. Oral presentation at the tenth world congress of the international Health Economics Association, Dublin, July 2014.
10. **Pol, M van der**, Hennessey D. *The role of time and risk preference in adherence to physician advice on lifestyle behavior change*. Paper presented to Nordic Health Economists' Study Group Meeting, Oslo, Norway, August 2013.
11. **Pol, M van der**, Walsh D. *Can preference heterogeneity partly explain the Glasgow effect?* Paper presented to UK Health Economists' Study Group Meeting, Warwick, United Kingdom, June 2013.
12. **Pol, M van der**. *The role of time preferences in the education health relationship*. Paper presented to ninth European Conference on Health Economics, Zurich, Switzerland, July 2012.
13. **Walsh D**, McCartney G, McCullough S, Jones R, **Pol M van der**. *What explains different health outcomes in identically deprived post-industrial UK cities?* Paper presented to the Population Health – methods and challenges conferences, Birmingham, April 2012.
14. Brown H, **Pol, M van der**. *Intergenerational transfer of time preferences*. Paper presented to Eighth world conference of the International Health Economics Association, Toronto, Canada, July 2011.
15. Brown H, **Pol, M van der**. *Intergenerational transfer of health: the role of time and risk preferences*. Paper presented to the UK Health Economists' Study Group Meeting, York, United Kingdom, January 2011.
16. Gray E, **Pol, M van der**. *A Novel Method of Eliciting Social Time Preferences for Health*. Paper presented to the UK Health Economists' Study Group Meeting, York, United Kingdom, January 2011.



17. Ruggeri M, **Pol, M van der**. *Is risk attitude really specific within the health domain? Further evidence from a two-stage face-to-face interview using CE and PE techniques in Italy*. Paper presented to eighth European Conference on Health Economics, Helsinki, Finland, July 2010.
18. Ruggeri M, **Pol, M van der**. *Is risk attitude really specific in a health context?* Paper presented to Seventh world conference of the International Health Economics Association, Beijing, China, July 2009.
19. **Pol, M van der**, McKenzie L. *Economic evaluation of tele-endoscopy clinics in Shetland*. Scottish Centre for Telehealth, Aberdeen, November 2008.
20. **Pol, M van der**. *Using economics to increase our understanding of health behaviours*. Oral presentation to the Annual Public Health Conference, Aviemore, UK, November 2008.
21. **Pol, M van der**. *Eliciting women's preferences for intrapartum care*. Workshop presentation at the 28<sup>th</sup> Triennial Congress of the International Confederation of Midwives, Glasgow, UK, June 2008.
22. Ruggeri M, **Pol, M van der**. *L'attitudine individuale al rischio nel contesto sanitario: risultati di un'indagine empirica*. Paper presented to the first meeting of the of La Società Italiana di Health Technology Assessment (SIHTA), Rome, Italy February 2008.
23. Kunkler IH, Prescott RJ, Williams LJ, King CC, Jack W, Dixon MJ, **Pol, M van der**. *Cosmetic effect of breast radiotherapy in older women*. Poster presented to the 30<sup>th</sup> annual San Antonio Breast Cancer Symposium, San Antonio, USA, December 2007.
24. **Pol, M van der**, Ruggeri M. *Is risk attitude in health context specific?* Paper presented to the twelfth annual conference of the Italian Health Economics Association, Florence, Italy, October 2007.
25. Prescott RJ, Kunkler IH, , Williams LJ, King CC, Jack W, Dixon MJ, **Pol, M van der**, Goh T, Lindley R, Cairns J.. *Post-operative radiotherapy (RT) in minimum-risk elderly (PRIME) - assessing the impact of breast radiotherapy on quality of life in low risk older patients*. Paper presented to the 10<sup>th</sup> Nottingham International Breast Cancer Conference, Nottingham, UK, September 2007.
26. **Pol, M van der**. *Education, health and time preference*. Paper presented to the Nordic Health Economists' Study Group Meeting, Tartu, Estonia, August 2007.
27. Currie G, Kromm S, **Pol, M van der**, Ryan M, Manns B. *Using a discrete choice experiment to elicit public views regarding priority setting of new pharmaceuticals*. Paper presented to the Sixth world conference of the International Health Economics Association, Copenhagen, Denmark, July 2007.
28. Sauerborn R, Gbangou A, Sanou M, Dong H, **Pol, M van der**. *Time preference from an economist's and anthropologist's perspective*. Paper presented to the Sixth world conference of the International Health Economics Association, Copenhagen, Denmark, July 2007.

29. Prescott RJ, Kunkler IH, Williams LJ, King CC, Jack W, Dixon MJ, **Pol, M van der**, Goh TT, Lindley R, Cairns J. *PRIME I: assessing the impact of adjuvant breast radiotherapy on quality of life in low risk older patients following breast conservation*. Poster presented to the 29<sup>th</sup> annual San Antonio Breast Cancer Symposium, San Antonio, USA, December 2006.
30. Hebert MA, Brant R, Hailey D, **Pol, M van der**. *Video-visits in Rural Palliative Homecare: Results of a Multi-method Study in Canada*. Paper presented to the 9<sup>th</sup> Annual Meeting of the Canadian Society for Telehealth, Edmonton, Canada, October 2006.
31. Hebert MA, Brant R, Hailey D, **Pol, M van der**. *Potential and Reality for Video-visits in Rural Palliative Homecare: Results of a Multi-method Study in Canada*. Paper presented to the sixth International Conference on Successes and Failures in Telehealth, Brisbane, Australia, August 2006.
32. **Pol, M van der**, Ruggeri M. *Is risk attitude in health context specific?* Paper presented to the sixth European Conference on Health Economics, Budapest, Hungary, July 2006.
33. **Pol, M van der**, Shiell A, Au F. *Using open-ended follow-up questions to test the validity of DCE estimates*. Paper presented to the sixth European Conference on Health Economics, Budapest, Hungary, July 2006.
34. **Pol, M van der**, Cairns J. *Methods for testing the descriptive validity of alternative discounting models*. Paper presented at organized session. Fifth world conference of the International Health Economics Association, Barcelona, Spain, July 2005.
35. **Pol, M van der**, Shiell A. *Trading places: the impact of a parental perspective on TTO responses*. Paper presented to the fifth world conference of the International Health Economics Association, Barcelona, Spain, July 2005.
36. Currie G, Kromm S, Ryan M, **Pol, M van der**. *Using a discrete choice experiment to estimating the public willingness-to-wait for elective surgery*. Paper presented to the fifth world conference of the International Health Economics Association, Barcelona, Spain, July 2005.
37. **Pol, M van der**, Shiell A., Au F. *Discrete choice experiment with a contingent valuation follow-up*. Paper presented to the 3<sup>rd</sup> Discrete Choice Workshop, Las Palmas, Spain, July 2005.
38. **Pol, M van der**, Shiell A., Au F. *Discrete choice experiment with a contingent valuation follow-up*. Paper presented to the UK Health Economists' Study Group Meeting, Newcastle, United Kingdom, June 2005.
39. Hebert MA, Jansen JJ, Brant R, Hailey D, **Pol, M van der**. *Effectiveness of video-visits in palliative home care*. Paper presented to IASTED International conference on Telehealth, Banff, Canada, 2005
40. **Pol, M van der**, Shiell A. *The impact of parental perspective on TTO utilities*. Paper presented to the UK Health Economists' Study Group Meeting, Glasgow, United Kingdom, July 2004.

41. Hebert MA, Jansen JJ, Brant R, Hailey D, **Pol, M van der**. *Successes and challenges in a field-based, multi-method study of home telehealth*. Paper presented to the fourth International Conference on Successes and Failures in Telehealth, Brisbane, Australia, July 2004.
42. **Pol, M van der**, Shiell A. *Hierarchical preferences and health utilities*. Paper presented to the second Canadian Health Economists' Study Group Meeting, Banff, Canada, July 2003.
43. **Pol, M van der**, Roux L. *Adjusting time trade-off scores for individuals' time preferences*. Poster presented to the fourth world conference of the International Health Economics Association, San Francisco, USA, June 2003.
44. **Pol, M van der**, Roux L. *Adjusting time trade-off scores for individuals' time preferences*. Paper presented to UK Health Economists' Study Group Meeting, London, United Kingdom, July 2002.
45. **Pol, M van der**, Cairns J. *Are intertemporal preferences for health stationary?* Poster presented to the third world conference of the International Health Economics Association, York, United Kingdom, July 2001.
46. Cairns J, **Pol, M van der**. *Discrete choice with repeated follow-up: a web-based experiment*. Poster presented to the third world conference of the International Health Economics Association, York, United Kingdom, July 2001.
47. Cairns J, **Pol, M van der**. *Dichotomous choice with repeated follow-up: an investigation of statistical efficiency and the extent of lexicographic preferences*. Paper presented to the 20<sup>th</sup> Arne Ryde Symposium, Lund, Sweden, November 2000.
48. **Pol, M van der**, Cairns J. *The resource implications of extending routine invitation to breast screening to women aged 65-69 years*. Paper presented to the Second European Conference on the Economics of Cancer, Brussels, Belgium, September 2000.
49. **Pol, M van der**, Cairns J. *Are intertemporal preferences for health stationary?* Paper presented to the Netherlands Forum of Medical Decision Making, Leiden, The Netherlands, June 2000.
50. **Pol, M van der**, Cairns J. *The resource implication of extending the routine invitation to breast screening to women aged 65-69 years*. Paper presented to the Health Economists' Study Group Meeting, Newcastle, United Kingdom, January 2000.
51. **Pol, M van der**, Cairns J. *Estimating time preferences for health using discrete choice experiments*. Seminar presentation to the University of Bergen, Bergen, Norway, September 1999.
52. **Pol, M van der**, Cairns J. *How does the discounted utility model compare to a hyperbolic model in the case of own and others' health?* Paper presented to the 19<sup>th</sup> Arne Ryde Symposium, Lund, Sweden, August 1999.
53. **Pol, M van der**, Cairns J. *Econometric issues in modelling breast screening attendance*. Paper presented to the Fifth Nordic Health Econometrics Workshop, Reykjavik, Iceland, August 1999.

54. **Pol, M van der**, Cairns J. *Comparison of two methods of estimating time preference for future health states*. Paper presented to the Nordic Health Economists' Study Group Meeting, Reykjavik, Iceland, August 1999.
55. **Pol, M van der**, Cairns J. *The resource implication of extending the routine invitation to breast screening to women aged 65-69 years*. Paper presented to the Nordic Health Economists' Study Group Meeting, Reykjavik, Iceland, August 1999.
56. **Pol, M van der**, Cairns J. *The discounted utility versus a hyperbolic discounting model*. Paper presented to the XXIV Annual Colloquium of the International Association for Research in Economic Psychology, Belgirate, Italy, July 1999.
57. Cairns J, **Pol, M van der**. *Do people value their own future health differently from others' future health?* Paper presented to the second world conference of the International Health Economics Association, Rotterdam, the Netherlands, June 1999.
58. **Pol, M van der**, Cairns J. *Using discrete choice modeling to elicit time preferences for others' health*. Paper presented to the second world conference of the International Health Economics Association, Rotterdam, the Netherlands, June 1999.
59. **Pol, M van der**, Cairns J. *The discounted utility versus a hyperbolic discounting model*. Paper presented to the annual conference of the Scottish Economic Society, Edinburgh, United Kingdom, April 1999.
60. **Pol, M van der**, Cairns J. *Comparison of two methods of estimating time preference for future health states*. Paper presented to the Royal Economic Society Conference, Nottingham, United Kingdom, March 1999.
61. **Pol, M van der**, Cairns J. *Exponential versus hyperbolic and proportional discounting*. Paper presented to the UK Health Economists' Study Group Meeting, Birmingham, United Kingdom, January 1999.
62. **Pol, M van der**, Cairns J. *Using conjoint analysis to estimate time preference for own health*. Paper presented to the Seventh European Workshop on Econometrics and Health Economics, Helsinki, Finland, September 1998.
63. Cairns J, **Pol, M van der**. *Do people value their own future health differently from others' future health?* Paper presented to the Nordic Health Economists' Study Group Meeting, Oslo, Norway, August 1998.
64. **Pol, M van der**, Cairns J. *Eliciting individual time preferences for health using a dichotomous choice question with follow-up*. Paper presented to the Fourth Nordic Health Econometrics Workshop, Oslo, Norway, August 1998.
65. Cairns J, **Pol, M van der**. *Timing aversion for future private and social benefits*. Paper presented to the conference Decision-making in theory and practice, Oxford, United Kingdom, July 1998.
66. Cairns J, **Pol, M van der**. *The estimation of marginal time preference rates in a UK-wide sample: objectives, design and econometric analysis of the TEMPUS study*. Paper presented to the UK Health Economists' Study Group meeting, Sheffield, United Kingdom, January 1998.

67. **Pol, M van der**, Rice N, Cairns J. *Using a conditioned iterative generalised least squares estimator (CIGLS) to model a multilevel cost function and a discount function applied to repeated observations*. Paper presented to the International Conference on Health Economics, Evora, Portugal, October 1997.
68. **Pol, M van der**, Cairns J. *The efficient organisation of blood donation*. Paper presented to the Sixth European Workshop on Econometrics and Health Economics, Lisbon, Portugal, September 1997.
69. **Cairns J**, **Pol, M van der**. *Saving future lives: constant and decreasing timing aversion*. Paper presented to the Second IMA Conference on Quantitative Modeling in the management of health care, Salford, United Kingdom, September 1997.
70. **Pol, M van der**, Cairns J. *The efficient organisation of blood donation*. Paper presented to the Third Nordic Health Econometrics Workshop, Helsinki, Finland, August 1997.
71. Gordon C, Ludbrook A, Scott D, **Pol, M van der**. *Hospital bed management: does occupancy matter?* Paper presented to the UK Health Economists' Study Group meeting, York, United Kingdom, July 1997.
72. **Pol, M van der**, Cairns J. *Establishing patient preferences for blood transfusion support: an application of conjoint analysis*. Poster to the 13<sup>th</sup> International Meeting of the International Society of Technology Assessment in Health Care, Barcelona, Spain, May 1997.
73. **Cairns J**, **Pol, M van der**. *Constant and decreasing timing aversion for saving lives*. Paper presented to the 13<sup>th</sup> International Meeting of the International Society of Technology Assessment in Health Care, Barcelona, Spain, May 1997.
74. **Pol, M van der**, Cairns J. *Using multilevel analysis in an economic analysis of blood donors services*. Paper presented to the Conference on Multilevel Analysis, Amsterdam, The Netherlands, April 1997.
75. Cairns J, **Pol, M van der**. *Saving future lives: three discounting models*. Paper presented to the Fifth European workshop on econometrics and health economics, Barcelona, Spain, September 1996.
76. Cairns J, **Pol, M van der**. *Constant and decreasing timing aversion for saving lives*. Paper presented to the Nordic Health Economists' Study Group Meeting, Copenhagen, Denmark, August 1996.
77. **Pol, M van der**, Cairns J. *The economic analysis of blood donor services in the North of Scotland*. Paper presented to the inaugural conference of the International Health Economics Association, Vancouver, Canada, May 1996.
78. **Pol, M van der**, Cairns J. *The economic analysis of blood donor services in the North of Scotland*. Paper presented to the UK Health Economists' Study Group meeting, York, United Kingdom, January 1996.