

Curriculum vitae

Professor Dorte Gyrd-Hansen, Ph.D., MSc.

Born: October 1, 1965

Marital status: married

Children: 5

Languages: Danish and English (both fluent)

Private address:

Fuglebakkevej 63

2000 Frederiksberg

Presently employed at:

DSI Institute for Health Services Research

Dampfærgevej 27-29

DK-2100 Copenhagen

&

Institute of Public Health

University of Southern Denmark

Winsløvsvej 9

DK-5000 Odense C

Telephone 35 29 84 24 or 20 14 10 15; E-mail: dgh@dsi.dk

Major research interests:

Economic evaluation and methodological issues

HTA methodological issues; applications, priority setting

Measuring consumer preferences

Willingness to pay and contingent choice (discrete choice modelling)

Attitudes to risk; the effect of risk information on preferences

Screening and economics

Cancer diseases and preventive programmes

Education:

1992MSc in Health Economics, University of York, UK

1993MSc in Economics (cand.oecon), Odense University, Denmark

1997Ph.D. in Health Economics, Odense University, Denmark

Positions:

1993 Research assistant at Center for Health and Social Policy, Odense University

1997 Assistant professor at Institute of Public Health, University of Southern Denmark - Odense University

2000Associate professor at Institute of Public Health, University of Southern Denmark

2003 Professor at Institute of Public Health, University of Southern Denmark
2006 Professor, Centre for Health Management, Copenhagen Business School
2006 Professor and leader of research, Danish Institute for Health Services Research
2007 Professor, Institute of Public Health, University of Southern Denmark

Teaching experience:

Extensive teaching experience in the topic of economic evaluation and more general health economics to various target groups: economics students (master level), Master of Public Health students, Master of Public Management students, University Diploma in Public Management students, as well as various crash courses aimed at doctors and nurses. Has also taught at Nordiska Hlsovårdshgskolan in Gteborg, Sweden. Has been the organiser of several PhD courses on the topic of preference elicitation.

Visiting scholar:

1991: Visiting scholar at Center for Health Programme Evaluation, Melbourne, Australia
1996: Visit for 9 months at Texas A&M, College Station, Texas, USA
2001: Visit for 7 months at SPHERE, University of Sydney, Sydney, Australia

Other experience

Referees manuscripts for journals such as Journal of Health Economics, Health Economics, Social Science and Medicine and Health Policy.

Winner of the Fyns Stiftstidende Research Award 2001 (Fyns Stiftstidendes Forskerpris 2001)

Member of the scientific advisory board, Institute of Health Technology Assessment

Member of the scientific review committee for the The European European Conference on the Economics of Cancer

Member of the national working group for improving Danish cancer research (KOF udvalget)

Member of the Norwegian Research Council

Member of board of directors of the International Health Economics Association (iHEA)

Member of Arrow Award Committee (a committee that annually nominates the best international publication in health economics).

Board member of GRASPH, The Danish Graduate School in Public Health Science.

Presently supervisor on the following PhD projects:

Trine Kjær: The use of discrete experiment in health settings: a contribution to the literature. Applications and issues of methodology.

Anne Hvenegaard: Cost effectiveness of identical technologies across production units.

Karin Dam Pedersen: Economic analyses of treatment strategies against allergic respiratory diseases

Morten Mørkbak: Consumers preferences for food quality and food safety

Marie Kruse: Treatment of ischemic heart disease. A health economic evaluation
Betina Højgaard: Effectiveness and cost-effectiveness documentation of preventive intervention in local communities. Theoretical paradigms versus practical feasibility.
Charlotte Gry Harmsen: Interventions for chronic diseases: effect of patient values and effectiveness information on patients choice of therapy, adherence to therapy and satisfaction with therapy
Peder Halvorsen: Cardiovascular diseases, osteoporosis, risk perception and risk communication
Louise Herbild: Pharmacogenetic screening for CYP polymorphisms when treating depressions elicitation of preferences and costs analysis.
Lene Halling Sørensen: Issues of methodology in health economic evaluation in relation to evaluation of treatment targeting the mentally ill.
Jakob Kjellberg: Economic evaluation of fast track diagnostics of cancer patients.
Kim Rose Olsen: Can inferences be improved by using hierarchical model in efficiency analysis in health care?

List of publications

International publications

Herbild L, Gyrd-Hansen D, Bech M. Patient preferences for pharmacogenetic screening in depression. Accepted for publication in International Journal of Health Technology Assessment in Health Care.

Petersen KD, Kronborg C, Gyrd-Hansen D, Dahl R, Larsen JN, Lwenstein H. Quality of life in rhinoconjunctivitis assessed with generic and disease specific questionnaires. Accepted for publication in Allergy

Gyrd-Hansen D, Skjoldborg US. The price proxy in discrete choice experiments. Issues of relevance for future research. Chapter 8 in: Using Discrete Choice Experiments to Value Health and Health Care. Springer 2008.

Gyrd-Hansen D, Kristiansen IS. Small for all or gambling for the prize? Accepted for publication in Health Economics nov 7 2007 (Epub ahead of print).

Dahl R, Gyrd-Hansen D, Kristiansen IS, Nexøe J, Nielsen JB. Can postponement of an adverse outcome be used to present risk reduction to a lay audience? A population survey. BMC Medical Informatics and Decision Making, 2007; 7(8); 1-7.

Kristiansen IS , Halvorsen PA and Gyrd-Hansen D. Influenza pandemic: perception of risk and individual precautions in a general population.A Cross-sectional study. Accepted for publication in BMC Public Health 2007; 7: 48.

Holm-Petersen C, Vinge S, Hansen J, Gyrd-Hansen D. The impact of contact with psychiatry on senior medical students attitudes towards psychiatry. *Acta Psychiatrica Scandinavica* 2007; 116(4): 308-311.

Gyrd-Hansen D, Halvorsen PA and Kristiansen IS. Willingness-to-pay for a statistical life in the times of a pandemic. *Health Economics* 2007; vol 17(1): 55-66.

Kristiansen IS, Gyrd-Hansen D. Prioritering og helse bør det innføres makspris på leveår? *Tidsskrift for den Norske Lægeforening*. January 2007

Kristiansen IS, Gyrd-Hansen D. Communicating treatment effectiveness in the context of chronic disease processes. *Expert Rev Pharmacoeconomics Outcomes Res* 2006, 6(6): 673-679.

Bech, M., Christiansen, T. & Gyrd-Hansen, D. Handling VAT in economic evaluations: should prices include VAT? *Applied Health Economics and Health Policy* 2006: 5(4): 209-213.

Bech, M., Gyrd-Hansen, D., Kjær, T., Lauridsen, J., Sørensen, J. Graded Pairs Comparison does Strength of Preference matter? *Analysis of Preferences for Specialized Nurse Home Visits for Pain Management*. *Health Economics* 2006: 16(5): 513-529.

Kjær, T., Bech, M., Gyrd-Hansen, K., Hart-Hansen, K. Ordering effect and price sensitivity in discrete choice experiments: Need we worry? *Health Economics* 2006, 15(11): 1217-1228.

Kristiansen IS, Gyrd-Hansen D, Nexøe J, Nielsen JB. Willingness-to-pay for a population program aimed at reducing dietary salt in Denmark. *Preventive Medicine* 2006; 43: 31-5

Kildemoes HW, Christiansen T, Gyrd-Hansen D, Kristiansen IS, Andersen M. The impact of population ageing on future Danish drug expenditure. *Health Policy* 2006; 75: 298-311.

Kjær T, Gyrd-Hansen D, Willaing I. Investigating patients preferences for cardiac rehabilitation in Denmark. *International Journal of Technology Assessment in Health Care* 2006; 22:2; 211-218.

Bech M, Gyrd-Hansen D. Effects coding in discrete choice experiments. *Health Economics* 2005; 14: 1079-1083.

Kristiansen IS, Christensen PM, Gyrd-Hansen-D. Benign breast disease and breast cancer. *New Engl J Med* 2005; 353: 1856-7.

Dam Petersen K, Gyrd-Hansen D, Kjærgaard S, Dahl R. Clinical and patient based evaluation of immunotherapy for grass pollen and mite allergy: *Allergol et Immunopathol* 2005;33(5):264-9.

Petersen KD, Gyrd-Hansen D, Dahl R. Health-Economic Analyses of subcutaneous Specific Immunotherapy for grass pollen and mite allergy: *Allergol et Immunopathol* 2005;33(6):296-302.

Nexøe J, Kristiansen IS, Gyrd-Hansen D, Nielsen JB. Influence of number needed to treat, costs and outcome on preferences for a preventive drug. *Family Practice* 2005; 22: 126-31

Draborg E, Gyrd-Hansen D, Poulsen PB, Horder M. International comparison of the definition and

the practical application of health technology assessment, 2005. *International Journal of Technology Assessment in Health Care*: 21(1): 89-95.

Gyrd-Hansen D. Willingness-to-pay for a QALY. Theoretical and methodological issues. *Pharmacoeconomics* 2005; 23(5): 423-432.

Draborg E, Gyrd-Hansen D. Time-trends in health technology assessments: An analysis of developments in composition of international health technology assessments from 1989 to 2002. *International Journal of Technology Assessment in Health Care* 2005; 21(4): 492-498

Christensen PM, Brixen K, Gyrd-Hansen D, Kristiansen IS. Cost-effectiveness of alendronate in the prevention of osteoporotic fractures in Danish women. *Basic Clin Pharmacol Toxicol*. 2005 May;96(5):387-96.

Kristiansen IS, Gyrd-Hansen D, Nexøe J, Nielsen JB. Goodbye NNT (Correspondence). *J Clin Epidemiol* 2004; 57: 221

Gyrd-Hansen D. Investigating the social value of health changes, 2004. *Journal of Health Economics* vol 23:1101-1116.

Kjær, T., Bech, M., Gyrd-Hansen, D. & Hart-Hansen, K. Testing for internal consistency ordering effects and dominant preferences in a discrete choice experiment: a study of preferences for psoriasis. *Applied Health Economics and Health Policy*, 2004, 4 (1 supplement): s38.

Kristiansen IS, Gyrd-Hansen D, Nexøe J, Nielsen JB. Goodbye NNT. *J Clin Epidemiol* 2004; 57: 221

Kristiansen IS and Gyrd-Hansen D, 2004. Cost effectiveness analysis based on the number-needed-to-treat: common sense or non-sense? *Health Economics*, vol 13(1): 9-19.

Slothuus U and Gyrd-Hansen D, 2003. Conjoint Analysis. The cost variable - an Achilles heel? *Health Economics*, vol 12(6): 479-491.

Gyrd-Hansen D, 2003 Commentary: Tension-free vaginal tape was more cost-effective than open colposuspension for treatment of urinary incontinence. *Journal of Evidence-based Healthcare*. Vol 5(3): 134-136

Gyrd-Hansen D, 2003. Willingness-to-pay for a QALY. *Health Economics*, vol 12: 1049-1060.

Gyrd-Hansen D, Kristiansen IS, Nexøe J, Nielsen JB, 2003. How do individuals apply risk information when choosing amongst health care interventions? *Risk Analysis*, vol 23(4): 697-704.

Nielsen JB, Gyrd-Hansen D, Kristiansen IK, Nexøe J, 2003. Impact of socio-demographic factors on willingness-to-pay for reduction of a future health risk. *Journal of Environmental Planning and Management*; 46: 39-47.

Kristiansen IS, Nexøe J, Gyrd-Hansen D. Communicating risk at the population level: How useful is the PIN-ER-t? Rapid response to: Heller RF, Buchan I, Edwards R, Lyratzopoulos G, McElduff

P, St Leger S. Communicating risks at the population level: application of population impact numbers *BMJ* 2003; 327: 1162-5

Nielsen JB, Gyrd-Hansen D, Kristiansen IS, Nexøe J. Willingness to pay for decreased indoor radon exposure: an analysis of framing and the decision process. *Risk, Decision and Policy* 2003; 8: 51-8

Nexøe J, Gyrd-Hansen D, Kragstrup J, Kristiansen IK, Nielsen JB, 2002. Danish general practitioners perception of disease risk and benefit of prevention. *Family Practice*, vol 19:3-6.

Gyrd-Hansen D. Commentary: Persistent Human Papillomavirus Infection as a Predictor of Cervical Intraepithelial Neoplasia. *Journal of Evidence-based Healthcare*.

Kristiansen IS, Gyrd-Hansen D, Nexøe J, Nielsen JB. Number needed to treat: easily understood and intuitively meaningful? Theoretical considerations and a randomized trial. *J Clin Epidem* 2002; 55 (9): 888-92

Gyrd-Hansen D and Søgaard J, 2002. Estimation of intangible benefits and costs of cancer screening with stated rank data. *Individual Decisions for Health*, Routledge.

Nielsen R and Gyrd-Hansen D, 2002. Prenatal screening for cystic fibrosis. An economic analysis. *Health Economics*; 11: 285-299.

Gyrd-Hansen D, Kristiansen IS, Nexøe J, Nielsen JB, 2002. Effects of base-line risk on individual and social choices. *Medical Decision Making*, vol 22(1): 71-75.

Gyrd-Hansen D and Slothuus U, 2002. The Citizens Preferences for Financing Public Health Care. A Danish Survey. *The International Journal of Health Care Finance and Economics*, 2: 25-36.

Kristiansen IK, Gyrd-Hansen D, Nexøe J, Nielsen JB, 2002. Number needed to treat - a misleading measure of health benefit? *Journal of Clinical Epidemiology*, vol 55(9): 888-892.

Gyrd-Hansen D, 2002. Applying a decision maker approach to CBA - the only way forward? AHES (Australien Health Economics Society) Conference Proceedings 2001.

Gyrd-Hansen D, 2002. Comparing the results of applying different methods of eliciting time preferences for health. *The European Journal of Health Economics*, 3: 19-16.

Kristiansen IS, Gyrd-Hansen D, Nexøe J, Nielsen JB, 2002. Correspondence: NNT is not easily understood. *Family Practice*; 19(5): 566-67.

Kristiansen IS, Gyrd-Hansen D, Nexøe J, Nielsen JB, 2002. The concept of risk: a comment to Reventlow and co-workers. *Scandinavian Journal of Primary Health Care*, 20: 252.

Gyrd-Hansen D and Søgaard J, 2001. Analysing public preferences for cancer screening programmes. *Health Economics*, vol 10(7): 617-634.

Gyrd-Hansen D, 2001. Commentary: Breast cancer screening after age 69 is more cost effective if

restricted to women with higher bone mineral density. Evidence- based Obstetrics and Gynecology, vol 3(2): pp.101-102.

Gyrd-Hansen D. 2000. Cost benefit analysis of mammography screening in Denmark based on discrete ranking data. International Journal of Health Technology Assessment in Health Care, vol 16(3): 811-821.

Bech M and Gyrd-Hansen D, 2000. Cost implications of routine screening of women 50-69 years in the County of Funen, Health Policy; 54: 125-141.

Gyrd-Hansen D, 1999. The relative economics of screening for colorectal cancer, breast cancer and cervical cancer. Critical Reviews in Oncology/Hematology; 32(2):133-144.

Gyrd-Hansen D., Søgaard J., Kronborg O. 1998, "Colorectal cancer screening: efficiency and cost effectiveness". Health Economics; 7:9-20.

Søgaard J and Gyrd-Hansen D, 1998. Counting and Discounting Gained Life-Years. Developments in health economics and public policy; 6: 51-74.

Gyrd-Hansen D. og Søgaard J, 1998. "Discounting life-years: Whither time preference?" Health Economics; 7: 121-127.

Gyrd-Hansen D. 1998. "Fecal occult blood tests. Which one is the better? International Journal of Technology Assessment in Health Care; 14(2):290-301.

Gyrd-Hansen D., Søgaard J., Kronborg O. 1997, "Analysis of screening data: colorectal cancer." International Journal of Epidemiology; 26(6): 1172-1181.

Gyrd-Hansen D., 1997. "Is it cost effective to introduce screening programmes for colorectal cancer?" Health Policy; 41 189-199.

Gyrd-Hansen D, 1997."The relative economics of screening for cervical cancer, mammae cancer and colorectal cancer".The European Journal of Cancer, vol 33, supplement 9,pp.s25-s26.

Gyrd-Hansen D., Hølund B., Andersen P., "A cost-effectiveness analysis of cervical cancer screening: health policy implications". Health Policy, 1995, vol 34; pp. 35-51.

Publications in Danish journals

Gyrd-Hansen D. Farmakogenetikens fremtid økonomiske muligheder og barrierer. Ugeskrift for Læger 2005; 167(20): 2153-2155.

Bech, M., Kjær, T., Lauridsen, J., Gyrd-Hansen, D. Hvad ønsker studerende af deres fremtidige job? Illustration af et diskret valg eksperiment. (In Danish: Which job characteristics are important to university students? A discrete choice experiment) Nationaløkonomisk Tidsskrift, 2004, vol. 142 (1): 48-67.

Gyrd-Hansen D, 2002. Economic evaluation what is it about? (Økonomisk evaluering - hvad handler det om?) Månedsskrift for Praktisk Lægegering. April: 529-543.

Nexøe J, Gyrd-Hansen D, Kragstrup J, Kristiansen IK, Nielsen JB, 2002. Praktiserende lægers opfattelse af sygdomsrisiko og forebyggelse. Ugeskrift for Læger; 164: 5379-82.

Søgaard J, Andersen CK og Gyrd-Hansen D, 1997. Hvad koster ryg- og bevæge apparatlidelserne? Månedsskrift for Praktisk Lægegering; July 1997.

Gyrd-Hansen D., Hølund B., Andersen P., Cost effectiveness analyses of a range of screening programmes for cervical cancer. (Omkostningseffektivitetsanalyse af alternative screeningsprogrammer mod livmoderhalskræft). Ugeskrift for Læger, 158/35, 26. august 1996, pp. 4912-4915. In Danish.

Other Danish publications

Olsen KR, Mabeck H, Gyrd-Hansen D, Madsen MH, Pallesen T. Status og sammenligning af de 6 danske strålecentre. Hovedrapport. København: Dansk Sundhedsinstitut; 2007.

Olsen KR, Mabeck H, Gyrd-Hansen D, Madsen MH, Pallesen T. Status og sammenligning af de 6 danske strålecentre. Baggrundsrapport. København: Dansk Sundhedsinstitut; 2007.

Bech, M., Gyrd-Hansen, D., Kjær, T., Lauridsen, J. & Sørensen, J. Stated Preferences for Specialized Nurse Home Visits using Graded Pairs Comparison: How to Analyse Data? I Lauridsen, J. & Andersen-Alstrup, D. (red.) Symposium i Anvendt Statistik udgivet ved Økonomisk Institut, SDU & Danmarks Statistik, København, 2005, pp. 139-160.

Gyrd-Hansen D og Slothuus U . Are our preferences for health care services and financing of these services steered by different motivations? (Holdninger til sundhedsvæsenet) AKF Nyt; vol 4: 58-64. Published by Institute of Local Government Studies. In Danish.

Gyrd-Hansen D og Slothuus U, 2001. The Danish publics preferences for the health care sector and what is the willingness-to-pay? (Borgernes betalingsvillighed og prioritering indenfor sundhedssektoren) in The Future of Local Government (Kommunestyrets fremtid). An anthology edited af Rolf Nordstrand and Nils Groes, pp. 199-212. Published by Institute of Local Government Studies. In Danish.

Gyrd-Hansen D. 1999. Interview responses applied in an economic model (Interviewsvar brugt i en økonomisk model) In: Conference on patient preferences (Konference om patientpræferencer). Published by The Danish Cancer Council.

Søgaard J og Gyrd-Hansen D, 1997. Screening for cervical cancer: costs and consequences (Omkostninger og effekter af forskellige screeningsprogrammer for livmoderhalskræft). In:

Konference om screening for livmoderhalskræft. Published by The Danish Cancer Council. Larsen og søn A/S. In Danish

Søgaard J and Gyrd-Hansen D, 1997. Economic Analysis (Sundhedsøkonomisk Analyse), Chapter 11, in: Early detection and treatment of breast cancer (Tidlig opsporing og behandling af brystkræft. Statusrapport). Published by Department of Health. In Danish.

Gyrd-Hansen D, 1997. What does it cost and what can we save? (Hvad koster det - og hvad kan vi eventuelt spare?) In: Conference on mammography screening (Konference om mammografiscreening). Published by The Danish Cancer Council.

Gyrd-Hansen D og Søgaard J, 1997. Cost effectiveness analysis of mammography screening (Cost-effectiveness analyser af mammografiscreening). I: Conference on mammografiscreening. Published by The Danish Cancer Council. In Danish.

Books

Gyrd-Hansen D. Modelling the cost-effectiveness of cancer screening in Denmark. Applications and issues of methodology. Published in the series: PhD theses from the Faculty of Social Sciences, University of Southern Denmark.

Frandsen AG, Gyrd-Hansen D, Petersen S, Slothuus U, 2000. The Danish public's preferences for their health care sector (Danskernes ønsker til sundhedsvæsenet). Odense Universitetsforlag.

Working papers

Gyrd-Hansen D., A cost effectiveness analysis of screening for cervical cancer based on the predictions of a mathematical model (En cost effectiveness analyse af screening mod livmoderhalskræft på baggrund af en matematisk models forudsigelser). CHS arbejdsnotat 1993. Odense University.

Gyrd-Hansen D., "Analysing colorectal cancer screening data using a mathematical model". CHS Working paper 1996:9, Odense University.

Gyrd-Hansen D, 1997. "The cost effectiveness of colorectal cancer screening. Methods of determining optimal resource allocation", CHS Working Paper 1997:3. Odense University.

Søgaard J. og Gyrd-Hansen D., "Counting and discounting gained life-years in cost effectiveness analysis: Different methods and different results". CHS Working Paper 1996:4.

Gyrd-Hansen D., 1996. "Måling af nytte ved screeningsprogrammer for kolorektal cancer". (Measuring the utility derived from colorectal cancer screening programmes - in Danish). CHS Workingpaper 1996:12. Odense Universitet.

Gyrd-Hansen D, 1997. "The relative economics of screening for cervical cancer, mammae cancer and colorectal cancer". CHS Working Paper 1997:4. Odense University.

Gyrd-Hansen D, 1997. "Breast cancer screening - a sensitivity analysis". CHS Working Paper 1997:5. Odense University.

Gyrd-Hansen D, 1999. Methods of eliciting time preferences for health. A pilot study. IST workingpaper, Odense University.

Gyrd-Hansen D and Slothuus U, 2000. The publics preferences for health care. Applying conjoint analysis in a Danish survey. Presented at The Society for Medical Decision Making, Cincinnati, Ohio. Published as an IST Workingpaper. University of Southern Denmark.

Gyrd-Hansen, 2002. Comparing models for valuation of health states based on time-trade-off, discrete choice and discrete ranking data. IST Workingpaper. University of Southern Denmark. Forthcoming.