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Assessment of change in clinical evaluation

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Northern Centre for Healthcare Research (NCH) and previous dissertations

The Northern Centre for Healthcare Research (NCH) was founded in 1990 as a research institute of the University of Groningen (RUG), The Netherlands. Researchers from both the Medical and Social Faculty, with various professional backgrounds, are members of the NCH. These include medical sociologists, medical doctors, psychologists and human movement scientists. Research of the NCH is aimed at optimising quality of life of patients and quality of healthcare, and focuses on (a) determinants of health and illness, (b) consequences of illness, (c) the effects of medical treatment and decision making, and (d) the evaluation of health services and various types of interventions. At the time that this thesis is published, the NCH comprises five research programmes.

Until 1998, the NCH covered two research programmes, i.e. Determinants of Health and Medical Decision Making and Evaluation of Healthcare. The first programme was reformulated in 1996 and was continued as Disorder, Disability and Quality of Life (DDQ). Hence, previous dissertations in this area are listed as part of the present DDQ-programme. The second programme was subdivided in 1998 into two new programmes, i.e. Public Health and Public Health Services Research and Rational Drug Use.

Dissertations published earlier within the second programme are listed retrospectively under these new headings. In 1998, two new programmes, The Outcome and Evaluation of Interventions in Patients with Motor Problems and Process and Effects of Movement Programs, were formulated and officially integrated in the NCH in January 1999. The accomplished dissertations since the start of the programmes in 1998 are included in the list. In 2000 the Department of General Practice joined the NCH and together with the Rational Drug Use group initiated a new research programme, i.e. Implementation of Evidence Based Medicine in the Medical Practice.

More information regarding the institute and its research can be obtained from our internet site: <http://www.med.rug.nl/nch>

Public Health and Public Health Services Research

- Lucht F van der (1992) *Sociale ongelijkheid en gezondheid bij kinderen*.
PROMOTOR: prof dr WJA van den Heuvel. REFERENT: dr JW Groothoff
- De Man FH (1992) *Gezien de spoedeisendheid van het geval. Beoordeling van kwaliteit en effectiviteit van spoedeisende medische hulpverlening modellen, methoden en uitvoering*. PROMOTORES:
prof drs B. Binnendijk, prof dr ThP van Hoorn, prof dr H.P.M. Jägers.
REFERENT: dr HJ ten Duis
- Engelsman C & Geertsma A (1994) *De kwaliteit van verwijzingen*.
PROMOTORES: prof dr WJA van den Heuvel, prof dr FM Haaijer-Ruskamp, prof
dr B Meyboom-de Jong
- Puttiger PHJ (1994) *De medische keuring bij gebruik van persluchtmaskers*.
PROMOTORES: prof dr D Post, prof dr WJA Goedhard. CO-PROMOTOR: dr JW
Groothoff
- Dekker GF (1995) *Rugklachten-management-programma bij de Nederlandse Aardolie Maatschappij
B.V.: ontwerp, uitvoering en evaluatie*.
PROMOTORES: prof dr D Post, prof WH Eisma. CO-PROMOTOR: dr JW
Groothoff
- Mulder HC (1996) *Het medisch kunnen: technieken, keuze en zeggenschap in de moderne
geneeskunde*. PROMOTOR: prof dr WJA van den Heuvel
- Mink van der Molen AB (1997) *Carpale letsels: onderzoek naar de verzuimaspecten ten gevolge van
carpale letsels in Nederland 1990-1993*. PROMOTORES: prof dr PH Robinson, prof
WH Eisma. CO-PROMOTOR: dr JW Groothoff. REFERENT: dr GJP Visser
- Tuinstra J (1998) *Health in adolescence: an empirical study of social inequality in health, health risk
behaviour and decision making styles*. PROMOTORES: prof dr D Post, prof dr WJA van
den Heuvel. CO-PROMOTOR: dr JW Groothoff
- Dijkstra A (1998) *Care dependency: an assessment instrument for use in long-term care facilities*.
PROMOTORES: prof dr WJA van den Heuvel, prof dr ThWN Dassen
- Wijk P van der (1999) *Economics: Charon of Medicine?* PROMOTORES: prof dr WJA van den
Heuvel,
prof dr L Koopmans, prof dr FFH Rutten. REFERENT: dr J Bouma
- Hospers JJ (1999) *Allergy and airway hyperresponsiveness: risk factors for mortality*.
PROMOTORES: prof dr D Post, prof dr DS Postma, prof dr ST Weiss
- Goossen WTF (2000) *Towards strategic use of nursing information in the Netherlands*.
PROMOTORES: prof dr WJA van den Heuvel, prof dr ThWN Dassen, prof dr ir A
Hasman

- Pal TM (2001) *Humidifiers disease in synthetic fiber plants: an occupational health study.*
 PROMOTORES: prof dr JGR de Monchy, prof dr D Post, prof dr JW Groothoff
- Beltman H (2001) *Buigen of barsten? Hoofdstukken uit de geschiedenis van de zorg aan mensen met een verstandelijke handicap in Nederland 1945 – 2000.* PROMOTORES:: prof dr D Post, prof dr AthG van Gennep
- Dalen I van (2001) Second opinions on orthopaedic surgery.
 PROMOTORES: prof dr JR van Horn, prof dr PP Groenewegen, prof.dr. JW Groothoff

Implementation of Evidence Based Medicine in the Medical Practice

- Zijlstra IF (1991) *De regionaal klinisch farmacoloog* PROMOTORES: prof dr H Wesseling, prof dr FWJ Gribnau, prof dr C van Weel. REFERENTEN: dr FM Haaijer-Ruskamp, dr H Wollersheim
- Jong-van den Berg LTW de (1992) *Drug utilization studies in pregnancy: what can they contribute to safety assessment?* PROMOTORES: prof dr MNG Dukes, prof dr H Wesseling.
 REFERENT: dr FM Haaijer-Ruskamp
- Denig P (1994) *Drug choice in medical practice: rationals, routines, and remedies.*
 PROMOTORES: prof dr FM Haaijer-Ruskamp, prof dr H Wesseling
- Boerkamp E (1995) *Assessing professional services quality: an application in health care.*
 PROMOTORES: prof dr JC Reuijl, prof dr FM Haaijer-Ruskamp
- Trigt AM van (1995) *Making news about medicines.*
 PROMOTORES: prof dr TFJ Tromp, prof dr FM Haaijer-Ruskamp
- Dijkers FW (1997) *Repeat prescriptions: a study in general practice in the Netherlands.*
 PROMOTORES: prof dr B Meyboom-de Jong, prof dr FM Haaijer-Ruskamp, prof dr AF Casparie
- Bosch JL (1997) *Outcome assessment of the percutaneous treatment of iliac artery occlusive disease.*
 PROMOTORES: prof dr MGM Hunink, prof dr WPTM Mall, prof dr L Koopmans
- Vries SO de (1998) *Management strategies for intermittent claudication.*
 PROMOTOR: prof dr MGM Hunink. REFERENT: dr JB Wong
- Veehof LJG (1999) *Polypharmacy in the elderly.*
 PROMOTORES: prof dr B Meyboom-de Jong, prof dr FM Haaijer-Ruskamp
- Veninga CCM (2000) *Improving prescribing in general practice.*
 PROMOTOR: prof dr FM Haaijer-Ruskamp.REFERENT: dr P Denig

The Outcome and Evaluation of Interventions in Patients with Motor Problems (from 1998 onwards)

- Sluis CK van der (1998) *Outcomes of major trauma*. PROMOTORES: prof dr HJ ten Duis, prof WH Eisma
- Geertzen JHB (1998) *Reflex sympathetic dystrophy: a study in the perspective of rehabilitation medicine*. PROMOTORES: prof WH Eisma, prof dr HJ ten Duis. CO-PROMOTOR: dr JW Groothoff. REFERENT: dr PU Dijkstra
- Halbertsma JPK (1999) *Short hamstrings & stretching: a study of muscle elasticity*. PROMOTORES: prof WH Eisma, prof dr LNH Göeken. CO-PROMOTOR: dr JW Groothoff. REFERENT: dr ir AL Hof
- Rommers GM (2000) *The elderly amputee: rehabilitation and functional outcome*. PROMOTOR: prof WH Eisma. CO-PROMOTOR: dr JW Groothoff

Process and Effects of Movement Programs (from 1998 onwards)

- Berkhuysen MA (1999) *Toward tailor-made cardiac rehabilitation: getting at the heart of the matters*. PROMOTORES: prof dr AP Buunk, prof dr P Rispens. REFERENT: dr R Sanderman
- Heuvelen MJG van (1999) *Physical activity, physical fitness and disability in older persons*. PROMOTOR: prof dr P Rispens. CO-PROMOTORES: dr WH Brouwer, dr GIJM Kempen. REFERENT: dr MHG de Greef
- Lettinga AT (2000) *Diversity in neurological physiotherapy: a comparative analysis of clinical and scientific practices*. PROMOTORES: prof dr P Rispens, prof dr PJM Helders, prof dr A Mol
- Stevens M (2001) *Groningen Active Living Model (GALM): development and initial validation*. PROMOTOR: prof dr P Rispens. REFERENTEN: dr KAPM Lemmink, dr MHG de Greef

Disorder, Disability and Quality of Life

- Sanderman R (1988) *Life events, mediating variables and psychological distress: a longitudinal study*. PROMOTORES: prof dr WJA van den Heuvel, prof dr PE Boeke, prof dr PMG Emmelkamp. REFERENT: dr J Ormel
- Kempen GIJM (1990) *Thuiszorg voor ouderen: een onderzoek naar de individuele determinanten van het gebruik van wijkverpleging en/of gezinsverzorging op verzorgend en huishoudelijk gebied*. PROMOTORES: prof dr WJA van den Heuvel, prof dr W Molenaar. REFERENT: dr ThPBM Suurmeijer

- Sonderen FLP van (1991) *Het meten van sociale steun*.
 PROMOTORES: prof dr WJA van den Heuvel, prof dr FN Stokman. REFERENT: dr J Ormel
- Heyink JW (1992) *Levertransplantatie: psycho-sociale aspecten*.
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- Gerritsen JC (1993) *Onafhankelijkheid van ouderen: mogelijkheden en voorwaarden*.
 PROMOTOR: prof dr WJA van den Heuvel
- Reitsma B (1994) *The end of the line? Evaluation of a multidisciplinary team approach to chronic pain*. PROMOTORES: prof dr EC Klip, prof dr JWF Beks, prof dr JP Hennis
- Ranchor AV (1994) *Social class, psychosocial factors and disease: from description towards explanation*. PROMOTORES: prof dr WJA van den Heuvel, prof dr AP Buunk.
 REFERENTEN: dr R Sanderman, dr J Bouma
- Oosterhuis A (1994) *De gedragstherapeutische behandeling van slaapklachten*.
 PROMOTOR: prof dr EC Klip
- Linschoten CP van (1994) *Gezondheidsbeleving van ouderen: een longitudinale studie*
 PROMOTOR: prof dr WJA van den Heuvel. CO-PROMOTOR: dr J Ormel
- Linden-van den Heuvel GFEC van (1994) *Voorbereiding op medische ingrepen*.
 PROMOTOR: prof dr EC Klip
- Uitenbroek DG (1995) *Exercise behavior*. PROMOTOR: prof dr WJA van den Heuvel
- Steversink N (1995) *Zo lang mogelijk zelfstandig naar een verklaring van verschillen ten aanzien van opname in een verzorgingstehuis onder fysiek kwetsbare ouderen*.
 PROMOTORES: prof dr WJA van den Heuvel, prof dr TAB Snijders, prof dr J Ormel
- Ruiter JH de (1995) *Sociale ondersteuning en kwaliteit van leven bij patiënten met kanker*.
 PROMOTORES: prof dr WJA van den Heuvel, prof dr H Schraffordt Koops.
 REFERENTEN: dr FLP van Sonderen, dr R Sanderman
- Krol B (1996) *Quality of life in rheumatoid arthritis patients: the relation between personality, social support and depression*. PROMOTOR: prof dr WJA van den Heuvel. REFERENTEN: dr R Sanderman, dr ThPBM Suurmeijer
- Kooiker SE (1996) *Illness in everyday life: a health diary study of common symptoms and their consequences*. PROMOTORES: prof dr WJA van den Heuvel, prof dr J van der Zee

- Zwanikken CP (1997) *Multiple sclerosis: epidemiologie en kwaliteit van leven.*
 PROMOTOR: prof dr J Minderhoud. CO-PROMOTORES: dr JW Groothoff, dr ThPBM Suurmeijer
- Scaf-Klomp W (1997) *Screening for breast cancer: attendance and psychological consequences.*
 PROMOTOR: prof dr WJA van den Heuvel. REFERENT: dr R Sanderman
- Nieboer AP (1997) *Life-events and well-being: a prospective study on changes in well-being of elderly people due to a serious illness event or death of the spouse.*
 PROMOTORES: prof dr SM Lindenberg, prof dr J Ormel
- Eijk LM van (1997) *Activity and well-being in the elderly.*
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- Alberts JF (1998) *The professionalized patient: sociocultural determinants of health services utilization.*
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- Jong GM de (1999) Stress, stress management and issues regarding implementation. PROMOTORES: prof dr PMG Emmelkamp, prof dr JL Peschar. REFERENT: dr R Sanderman
- Tiesinga LJ (1999) *Fatigue and Exertion Fatigue: from description through validation to application of the Dutch Fatigue Scale (DUFS) and the Dutch Exertion Fatigue Scale (DEFS).*
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- Nijboer C (2000) *Caregiving to patients with colorectal cancer: a longitudinal study on caregiving by partners.* PROMOTORES: prof dr GAM van den Bos, prof dr R Sanderman. CO-PROMOTOR: dr AHM Triemstra
- Doeglas DM (2000) *Functional ability, social support and quality of life: a longitudinal study in patients with early rheumatoid arthritis.*
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