

Northern Centre for Healthcare Research (NCH) and previous dissertations

The Northern Centre for Healthcare Research (NCH) was founded in 1986 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 programs.

Until 1998, the NCH covered two research programs, i.e. 'Determinants of Health' and 'Medical Decision Making and Evaluation of Healthcare'. The first program 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 program was subdivided in 1998 into two new programs, i.e. 'Public Health and Public Health Services Research' and 'Rational Drug Use'.

Dissertations published earlier within the second program are listed retrospectively under these new headings. In 1998, two new programs, 'Rehabilitation Programs Research' and 'Research in Motor Behaviour', were formulated and officially integrated in the NCH in January 1999. The accomplished dissertations since the start of the programs 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 program, i.e. 'Research in Evidence Based Medicine'.

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

Disorder, Disability and Quality of Life

Stiegelis HE (2003) *A life less ordinary; cognitive adaptation and psychological functioning among cancer patients treated with radiotherapy.*

PROMOTORES: prof dr R Sanderman, prof dr AP Buunk.

CO-PROMOTOR: dr M Hagedoorn

Heuvel ETP van den (2002) *Supporting caregivers of stroke patients; an intervention study.*

PROMOTORES : prof dr B Meyboom-de Jong, prof dr R Sanderman.

CO-PROMOTOR: dr LP de Witte. REFERENT: dr LM Schure

- Schroevers MJ (2002) *Short- and long-term adaptation to cancer; a comparison of patients with the general population.*
PROMOTOR: prof dr R Sanderman. REFERENT: dr AV Ranchor
- Hoekstra-Weebers JEHM (2000) *Parental adaptation to pediatric cancer.*
PROMOTORES: prof dr EC Klip, prof dr WA Kamps. REFERENT: dr JPC
- Jaspers Doeglas DM (2000) *Functional ability, social support and quality of life: a longitudinal study in patients with early rheumatoid arthritis.*
PROMOTORES: prof dr WJA van den Heuvel, prof dr R Sanderman.
CO-PROMOTOR: dr ThPBM Suurmeijer
- 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
- Tiesinga LJ (1999) *Fatigue and Exertion Fatigue: from description through validation to application of the Dutch Fatigue Scale (DUFSS) and the Dutch Exertion Fatigue Scale (DEFS).*
PROMOTORES: prof dr WJA van den Heuvel, prof dr ThWN Dassen.
CO-PROMOTOR: dr RJG Halfens
- Jong GM de (1999) *Stress, stress management and issues regarding implementation.*
PROMOTORES: prof dr PMG Emmelkamp, prof dr JL Peschar.
REFERENT: dr R Sanderman
- Alberts JF (1998) *The professionalized patient: sociocultural determinants of health services utilization.*
PROMOTOR: prof dr WJA van den Heuvel. REFERENT: dr R Sanderman
- Eijk LM van (1997) *Activity and well-being in the elderly.*
PROMOTORES: prof dr WJA van den Heuvel, prof dr SM Lindenberg.
REFERENT: dr GIJM Kempen
- 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
- Scaf-Klomp W (1997) *Screening for breast cancer: attendance and psychological consequences.*
PROMOTOR: prof dr WJA van den Heuvel. REFERENT: dr R Sanderman
- Zwanikken CP (1997) *Multiple sclerosis: epidemiologie en kwaliteit van leven.*
PROMOTOR: prof dr J Minderhoud.
CO-PROMOTORES: dr JW Groothoff, 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
- 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
- Ruiter JH de (1995) *Sociale ondersteuning en kwaliteit van leven bij patiënten*

Public Health and Public Health Services Research

- Lege W de (2002) *Medische consumptie in de huisartspraktijk op Urk.*
PROMOTORES: prof dr D Post, prof dr JW Groothoff
- Hoekstra EJ (2002) *Arbeidsbemiddeling met behulp van Supported Employment als interventie bij de reïntegratie van chronisch zieken; de rol van de arbeidsbemiddelaar, chronisch zieke en werkgever.*
PROMOTORES: prof dr JW Groothoff, prof dr K Sanders, prof dr WJA van den Heuvel, prof dr D Post
- Enk JG van (2002) *Determinants of use of healthcare services in childhood.*
PROMOTORES: prof dr D Post, prof dr AJP Veerman, prof dr WJA van den Heuvel
- Gecková A (2002) *Inequality in health among Slovak adolescents.*
PROMOTORES: prof dr D Post, prof dr JW Groothoff. REFERENT: dr JP van Dijk
- Dijk JP van (2001) *Gemeentelijk gezondheidsbeleid; omvang en doelgerichtheid.*
PROMOTORES: prof dr D Post, prof dr M Herweijer, prof dr JW Groothoff
- Middel LJ (2001) *Assessment of change in clinical evaluation.*
PROMOTOR: prof dr WJA van den Heuvel. REFERENT: dr MJL de Jongste
- Bijsterveld HJ (2001) *Het ouderenperspectief op thuiszorg; wensen en behoeften van ouderen ten aanzien van de thuis(zorg)situatie in Friesland*
PROMOTORES: prof dr D Post, prof dr B Meyboom-de Jong.
REFERENT: dr J Greidanus
- Dijkstra GJ (2001) *De indicatiestelling voor verzorgingshuizen en verpleeghuizen.*
PROMOTORES: prof dr D Post, prof dr JW Groothoff
- Dalen IV van (2001) *Second opinions in orthopaedic surgery: extent, motives, and consequences.*
PROMOTORES: prof dr JR van Horn, prof dr PP Groenewegen, 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
- 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
- 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
- Hospers JJ (1999) *Allergy and airway hyperresponsiveness: risk factors for mortality.*
PROMOTORES: prof dr D Post, prof dr DS Postma, prof dr ST Weiss
- 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

met kanker.

PROMOTORES: prof dr WJA van den Heuvel, prof dr H Schraffordt Koops.

REFERENTEN: dr FLP van Sonderen, dr R Sanderman

Steверink 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

Uitenbroek DG (1995) *Exercise behaviour.*

PROMOTOR: prof dr WJA van den Heuvel

Linden-van den Heuvel GFEC van (1994) *Voorbereiding op medische ingrepen.*

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

Oosterhuis A (1994) *De gedragstherapeutische behandeling van slaapklasten.*

PROMOTOR: prof dr EC Klip

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

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

Gerritsen JC (1993) *Onafhankelijkheid van ouderen: mogelijkheden en voorwaarden.*

PROMOTOR: prof dr WJA van den Heuvel

Heyink JW (1992) *Levertransplantatie: psycho-sociale aspecten.*

PROMOTORES: prof dr WJA van den Heuvel, prof dr MJH Slooff.

REFERENT: dr Tj Tijmstra

Sonderen FLP van (1991) *Het meten van sociale steun.*

PROMOTORES: prof dr WJA van den Heuvel, prof dr FN Stokman.

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

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

- 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
- 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
- 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
- Mulder HC (1996) *Het medisch kunnen: technieken, keuze en zeggenschap in de moderne geneeskunde.*
PROMOTOR: prof dr WJA van den Heuvel
- 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
- Puttiger PHJ (1994) *De medische keuring bij gebruik van persluchtmaskers.*
PROMOTORES: prof dr D Post, prof dr WJA Goedhard.
CO-PROMOTOR: dr JW Groothoff
- 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
- Lucht F van der (1992) *Sociale ongelijkheid en gezondheid bij kinderen.*
PROMOTOR : prof dr WJA van den Heuvel. REFERENT: dr JW Groothoff

Research in Evidence Based Medicine

- Pont LG (2002) *Assessing the quality of prescribing in general practice.*
PROMOTORES: prof dr FM Haaijer-Ruskamp, prof dr WH van Gilst, prof dr T van der Molen
- Bemelmans WJE (2001) *Prevention of coronary heart disease by nutritional interventions. Impact of nutritional education in groups and supplementation with alpha-linolenic acid.*
PROMOTOR: prof dr B Meyboom-de Jong. CO-PROMOTOR: dr JF May.
REFERENTEN: dr J Broer, dr EJM Feskens, dr FW Siero, dr AJ Smit
- Veninga CCM (2000) *Improving prescribing in general practice.*
PROMOTOR: prof dr FM Haaijer-Ruskamp. REFERENT: dr P Denig
- Veehof LJG (1999) *Polypharmacy in the elderly.*
PROMOTORES: prof dr B Meyboom-de Jong, prof dr FM Haaijer-Ruskamp
- Vries SO de (1998) *Management strategies for intermittent claudication.*
PROMOTOR: prof dr MGM Hunink. REFERENT: dr JB Wong
- Bosch JL (1997) *Outcome assessment of the percutaneous treatment of iliac artery occlusive disease.*

- PROMOTORES: prof dr MGM Hunink, prof dr WPTHM Mall, prof dr L Koopmans
- 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
- Trigt AM van (1995) *Making news about medicines.*
PROMOTORES: prof dr TFJ Tromp, prof dr FM Haaijer-Ruskamp
- Boerkamp E (1995) *Assessing professional services quality: an application in health care.*
PROMOTORES: prof dr JC Reuijl, prof 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
- 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
- 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

Rehabilitation Programs Research (from 1998 onwards)

- Sturms LM (2003) *Pediatric traffic injuries; consequences for the child and the parents.*
PROMOTORES: prof dr WH Eisma, prof dr HJ ten Duis, prof dr JW Groothoff.
CO-PROMOTOR: dr CK van der Sluis
- Meijer JWM (2002) *The diabetic foot syndrome; diagnosis and consequences.*
PROMOTORES: prof WH Eisma, prof dr JW Groothoff.
CO-PROMOTORES: dr TP Links, dr AJ Smit
- Schoppen T (2002) *Functional outcome after a lower limb amputation.*
PROMOTORES: prof WH Eisma, prof dr JW Groothoff, prof dr LNH Göeken.
REFERENTEN: dr AM Boonstra, dr J de Vries
- Rommers GM (2000) *The elderly amputee: rehabilitation and functional outcome.*
PROMOTOR: prof WH Eisma. CO-PROMOTOR: dr JW Groothoff
- 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
- 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
- Sluis CK van der (1998) *Outcomes of major trauma.*
PROMOTORES: prof dr HJ ten Duis, prof WH Eisma

Research in Motor Behaviour (from 1998 onwards)

Kamsma YPT (2002) *Functional Reorganisation of basic motor actions in Parkinson's disease. Problem analysis, development and evaluation of a compensatory strategy training.*

PROMOTORES: prof dr P Rispens, prof dr WH Brouwer

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

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

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

Berkuhsen 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