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## Employment

### Healthy Lifestyle, Ageing and Health Care

Hanze University of Applied Sciences  
1 Feb 2012 → present

### Healthy Ageing, Allied Health Care and Nursing

Hanze University of Applied Sciences  
1 Feb 2012 → present

### Centre of Expertise Healthy Ageing

Hanze University of Applied Sciences  
1 Feb 2012 → present

### President IPTOP

IPTOP International association of Physical Therapists working with Older People, official subgroup of the World Confederation of Physical Therapists WCPT  
United Kingdom  
11 May 2019 → present

### Vice-president IPTOP

IPTOP International association of Physical Therapists working with Older People, official subgroup of the World Confederation of Physical Therapists WCPT  
United Kingdom  
4 May 2015 → 11 May 2019

### Board member Dutch association for Geriatric Physical Therapists

15 Dec 2010 → 14 Dec 2018

## Research output

### The added value of ultrasound muscle measurements in patients with COPD: an exploratory study

Nijholt, W., ter Beek, L., van der Vaart, H., Wempe, J. B., van der Schans, C. P., Jager-Wittenaar, H. & Hobbelen, J., 1 Apr 2019, In : Clinical Nutrition ESPEN. 30, april, p. 152-158

### Older people: improving health and social care: focus on the European Core Competences Framework

Dijkman, B. (ed.), Roodbol, P. (ed.), Mikkonen, I. (ed.), Hobbelen, H., de Greef, M., Werkman, A., Weening-Verbree, L., van der Werf, F., Beenen, P., Zuidersma, J., Buskens, E., Stallinga, G., de Ruiter, H., Turjamaa, R., Aijo, M., Ylinen, E-R., Soares, C., Marques, A., Arola, M., Kukkonen, T. & 11 othersLuttik, M. L., Finnema, E., van 't Veer, J., Vogt, T., Liefbroer, A., Reijneveld, M., Bultmann, U., Henkens, K., de Rooij, S., Sourtzi, P. & Sarla, E., 11 Nov 2018, 1 ed. Springer Nature Switzerland AG: Springer International Publishing. 284 p.

### Pre-congress course: Addressing the impact of cognitive frailty and dementia on the rehabilitation of older adults

Hobbelen, H., Hunter, S., Rabheru, K. & Conn, D., 1 Nov 2018. 6 p.

**Advanced glycation end-products are associated with physical activity and physical functioning in the older population**  
Drenth, H., Zuidema, S. U., Krijnen, W. P., Bautmans, I., Smit, A. J., Schans, C. V. D. & Hobbelen, H., 8 Oct 2018, In : The journals of gerontology. Series A, Biological sciences and medical sciences. 73, 11, p. 1545-1551

**The added value of therapist communication on the effect of physical therapy treatment in older adults; a systematic review and meta-analysis**

Lakke, S. E., Foijer, M., Dehner, L., Krijnen, W. & Hobbelen, H., 2 Oct 2018, In : Patient education and counseling.

**Psychometric properties of the MyotonPRO in dementia patients with paratonia**

Drenth, H., Zuidema, S. U., Krijnen, W. P., Bautmans, I., van der Schans, C. & Hobbelen, H., 1 Jun 2018, In : Gerontology. 64, 4, p. 401-412

**Response to: "The use of ultrasound for the estimation of muscle mass: one site fits most?"**

Nijholt, W., Jager-Wittenaar, H., Scafoglieri, A., Hobbelen, H. & van der Schans, C., 1 Jun 2018, In : Journal of cachexia, sarcopenia and muscle. 9, 3, p. 627-628

**Hoe blijf je sterk op hogere leeftijd**

Preller, L. & Hobbelen, H., 11 Dec 2017

**Cross-Cultural Adaptation of the Social Vulnerability Index for Use in the Dutch Context**

Bunt, S., Steverink, N., Hobbelen, H., van der Schans, C. & Andrew, M. K., 14 Nov 2017, In : International journal for environmental research and public health. 14, 11

**Werven van ouderen voor een preventief beweegprogramma, hoe doe je dat?**

Eijkelhof, B. H. W., Siemonsma, P., Hesselink, A. E., Verkleij, S. P. J., Lap, M., Hobbelen, H., Verhoef, J. & van Wely, L., 1 Nov 2017, In : Beweegreden. 14, november, p. 30-34

**Physiotherapy students' perceived stress, stressors, and reactions to stressors: a comparative study between Sweden and The Netherlands**

Hodselmans, A-P., Hemdal, E., Lundberg, S., Bjarnegård, A., Hobbelen, H. & Svantesson, U., 25 Oct 2017, In : Physiotherapy theory and practice. 34, 4, p. 293-300

**Association between advanced glycation end-products and functional performance in Alzheimer's disease and mixed dementia**

Drenth, H., Zuidema, S. U., Krijnen, W. P., Bautmans, I., van der Schans, C. & Hobbelen, H., Sep 2017, In : International psychogeriatrics. 29, 9, p. 1525-1534

**Social frailty in older adults: a scoping review**

Bunt, S., Steverink, N., Olthof, J., van der Schans, C. & Hobbelen, H., Sep 2017, In : European journal of ageing. 14, 3, p. 323-334

**Agreement between rectus femoris muscle thickness by ultrasound and skeletal muscle mass by bio-electrical impedance analysis: a pilot study**

Nijholt, W., Sealy, M., van der Schans, C., Hobbelen, H., Jager-Wittenaar, H. & Rodenburg, I., Aug 2017.

**The reliability and validity of ultrasound to quantify muscles in older adults: a systematic review**

Nijholt, W., Scafoglieri, A., Jager-Wittenaar, H., Hobbelen, H. & van der Schans, C. P., 12 Jul 2017, In : Journal of cachexia, sarcopenia and muscle. 8, 5, p. 702-712

**Does patient-therapist communication change the effect of physical therapy treatment in elder adults? A systematic review**

Lakke, S. E., Foijer, M., Krijnen, W. & Hobbelen, H., 4 Jul 2017. 1 p.

**The PRECIS-2 tool has good interrater reliability and modest discriminant validity**

Loudon, K., Zwarenstein, M., Sullivan, F., Donnan, P., Gágyor, I., Hobbelen, H., Althabe, F., Krishnan, J. A. & Treweek, S., 8 Jun 2017, In : Journal of clinical epidemiology. 88, p. 113-121

### **Dementie**

Hobbelen, H. & Verhey, F., 22 May 2017, *Geriatric in de fysiotherapie en kinesitherapie*. Cambier, D., Hobbelen, J. S. M. & de Vries, N. M. (eds.). 2017 ed. Houten: Bohn Stafleu van Loghum, p. 147-161

### **Geriatric in de fysiotherapie en kinesitherapie**

Hobbelen, H. (ed.), de Vries, N. (ed.) & Cambier, D. (ed.), 22 May 2017, 2017 ed. Houten: Bohn Stafleu van Loghum. 406 p.

### **Klinisch redeneren**

Hobbelen, H., 22 May 2017, *Geriatric in de fysiotherapie en kinesitherapie*. Cambier, D., Hobbelen, J. S. M. & de Vries, N. M. (eds.). 2017 ed. Houten: Bohn Stafleu van Loghum

### **Sune Mule; oral health in frail elderly**

Uythoven, C., Manders, M., Weening-Verbree, L. & Hobbelen, H., 1 May 2017, *Shared insights on co-creation in healthcare: from four Dutch centres of expertise*. van der Laan, T., Alfenaar, K., van der Lugt, R. & Moser, A. (eds.). U-Create We Connect, p. 92-97 4.2

### **Advanced glycation end-products are associated with the presence and severity of paratonia in early stage Alzheimer disease**

Drenth, H., Zuidema, S. U., Krijnen, W. P., Bautmans, I., van der Schans, C. & Hobbelen, H., 2017, In : *Journal of the American Medical Directors Association*. 18, 7, p. 636.e7-636.e12

### **Reproducible measurements of muscle characteristics using the MyotonPRO device: comparison between individuals with and without paratonia**

Van Deun, B., Cagnie, B., Van Eetvelde, B., Van Den Noortgate, N., Cambier, D. & Hobbelen, H., 21 Dec 2016, In : *Journal of geriatric physical therapy*. 41, 4, p. 194-203

### **Swedish female physiotherapy students have more stress than Dutch female physiotherapy students**

Hodselmans, A. P., Svantesson, U. & Hobbelen, H., 4 Nov 2016. 1 p.

### **Association between advanced glycation end products and paratonia in Alzheimer's disease**

Drenth, H., Zuidema, S., Krijnen, W., Bautmans, I., van der Schans, C. & Hobbelen, H., 28 Jun 2016. 1 p.

### **The contribution of advanced glycation end product (AGE) accumulation to the decline in motor function**

Drenth, H., Zuidema, S., Bunt, S., Bautmans, I., van der Schans, C. & Hobbelen, H., 2016, In : *European review of aging and physical activity*. 13, 3, 13 p.

### **Agenda praktijkgericht onderzoek health: Topsector Life Sciences & Health**

Hobbelen, H., Reinders, J.-J., Alfenaar, K., van Gastel, W., ten Haaf, G. & van Leeuwen, G., 7 Oct 2015, Hanze University of Applied Sciences, Groningen - Centre of Expertise Healthy Ageing, 29 p.

### **Validation of the Dutch version of the quick mild cognitive impairment screen (Qmci-D)**

Bunt, S., O'Caomh, R., Krijnen, W., Molloy, D. W., Goodijk, G-P., van der Schans, C. & Hobbelen, H., 2 Oct 2015, In : *BMC geriatrics*. 15, 115, 8 p.

### **What type, or combination of exercise can improve preferred gait speed in older adults? a meta-analysis**

van Abbema, R., de Greef, M., Crajé, C., Krijnen, W., Hobbelen, H. & van der Schans, C., 1 Jul 2015, In : *BMC geriatrics*. 15, 72, p. 1-16

### **Hoe ervaar je je omgeving als je ouder bent? Probeer het verouderingspak**

Zijlstra, E., Hobbelen, H. & van der Schans, C., 6 Jun 2015. 1 p.

### **Validation of the Dutch version of the Quick Mild Cognitive Impairment Screen (Qmci-D)**

Bunt, S., O'Caomh, R., Krijnen, W., Molloy, D. W., Goodijk, G-P., van der Schans, C. & Hobbelen, H., Apr 2015. 1 p.

### **Are a healthy diet and physical activity synergistically associated with cognitive functioning in older adults?**

Nijholt, W., Jager, H., Visser, M., van der Schans, C. & Hobbelen, H., 2015, In : The journal of nutrition, health & aging. 20, 5, p. 525-532

### **Building from a conceptual model of the resilience process during ageing, towards the Groningen Aging Resilience Inventory**

van Abbema, R., Bielderma, A., de Greef, M., Hobbelen, H., Krijnen, W. & van der Schans, C., 2015, In : Journal of advanced nursing. 71, 9, p. 2208-2219

### **KNGF-standaard: beweeginterventie kwetsbare ouderen**

van Abbema, R., de Vries, N. M., Weening-Dijksterhuis, B., de Greef, M. & Hobbelen, H., 2015, Koninklijk Nederlands Genootschap voor Fysiotherapie (KNGF). 40 p.

### **The Coach2Move approach: development and acceptability of an individually tailored physical therapy strategy to increase activity levels in older adults with mobility problems**

de Vries, N. M., van Ravensberg, D. C., Hobbelen, H., Wees, P. J., Olde Rikkert, M. G. M., Staal, B. J. & Nijhuis-van der Sand, M. W. G., 2015, In : Journal of geriatric physical therapy. 38, 4, p. 169-182

### **Beroepsprofiel geriatriefysiotherapeut**

Hobbelen, H., Kamp, I. A. L., Looijen, R. A. T., Risseeuw, H., Velde, M. & Vluggen, T. P. M. M., 2014, Koninklijk Nederlands Genootschap voor Fysiotherapie (KNGF). 47 p.

### **Physical activity, healthy diet and good cognitive functioning: findings from the longitudinal aging study Amsterdam**

Nijholt, W., Jager-Wittenaar, H., Visser, M. & Hobbelen, H., 2014. 2 p.

### **Effects of physical exercise therapy on mobility, physical functioning, physical activity and quality of life in a population of community dwelling elderly patients with impaired mobility, physical disability and/ or multi morbidity: a meta analysis**

de Vries, N., Staal, B., van Ravensburg, D., Hobbelen, H., Olde Rikkert, M. & Nijhuis-van der Sande, M., 2012, In : Ageing research reviews . 11, 1, p. 136-149

### **Passive movement therapy in severe paratonia: a multicenter randomized clinical trial**

Hobbelen, H., Tan, F., Verhey, F., Koopmans, R. & de Bie, R., Dec 2011, In : International psychogeriatrics. 24, 5, p. 834-844

### **Outcome instruments to measure frailty: a systematic review**

de Vries, N. M., Staal, J. B., van Ravensburg, C. D., Hobbelen, J. S. M., Olde Rikkert, M. G. M. & Nijhuis-van der Sande, M. W. G., 2010, In : Ageing research reviews . 10, 1, p. 104-114

### **Diagnosing paratonia in the demented elderly: reliability and validity of the Paratonia Assessment Instrument (PAI)**

Hobbelen, H., Koopmans, R. T. C. M., Verhey, F. R. J., Habraken, K. M. & de Bie, R. A., Aug 2008, In : International psychogeriatrics. 20, 4, p. 840-852

### **Paratonia: a Delphi procedure for consensus definition**

Hobbelen, H., Koopmans, R. T. C. M., Verhey, F. R. J., Van Peppen, R. P. S. & de Bie, R. A., 2006, In : Journal of geriatric physical therapy. 29, 2, p. 50-56

## **Activities**

### **A research perspective on the determinants of social and cognitive frailty**

Hans Hobbelen (Speaker), Fiona McGowan (Keynote speaker)  
4 Jun 2019

**How do different frailty domains interact?**

Hans Hobbelen (Speaker)  
4 Jun 2019

**Paratonie en andere bewegingsstoornissen bij dementie**

Hans Hobbelen (Speaker)  
17 Apr 2019

**Dementie en motoriek, in het bijzonder paratonie en de fysiotherapeutische behandeling**

Hans Hobbelen (Speaker)  
23 Mar 2019

**Montreal18**

Hans Hobbelen (Speaker)  
1 Nov 2018

**Physiotherapy in dementia care**

Hans Hobbelen (Speaker)  
1 Oct 2018

**De kwetsbare oudere, van theorie naar praktijk**

Hans Hobbelen (Speaker)  
21 Sep 2018

**Frailty, a complex phenomenon**

Hans Hobbelen (Speaker)  
18 Sep 2018

**The added value of therapist communication on the effect of physical therapy treatment in older adults; a systematic review and meta- analysis**

Sandra Jorna-Lakke (Speaker), Wim Krijnen (Speaker), Hans Hobbelen (Speaker), Melle Fojier (Speaker), Lisa Dehner (Speaker)  
2 Sep 2018

**Frailty, a complex phenomenon**

Hans Hobbelen (Speaker)  
5 May 2018

**The golden opportunities for physiotherapists in frail elderly**

Hans Hobbelen (Speaker)  
5 May 2018

**De International Joint Research Group (IJRG) Move in Age**

Hans Hobbelen (Speaker)  
18 Apr 2018

**Paratonie en andere bewegingsstoornissen bij dementie**

Hans Hobbelen (Speaker)  
18 Apr 2018

**Symposium Fysiotherapie 'Samen in Beweging'**

Hans Hobbelen (Speaker)  
29 Mar 2018

**Invitational expert meeting on Paratonia**

Hans Hobbelen (Speaker), Ivan Bautmans (Invited speaker), Stéfane Baudry (Invited speaker), Lucio Marinelli (Speaker), Eric Boulanger (Invited speaker), Galit Kleiner-Fisman (Invited speaker)  
14 Mar 2018

**Bewegen als medicijn**

Hans Hobbelen (Speaker)  
6 Dec 2017

**Frailty, een complex fenomeen**

Hans Hobbelen (Speaker)  
29 Nov 2017

**Gezonde leefstijl kwetsbare ouderen**

Hans Hobbelen (Speaker), Christiaan Uythoven (Speaker), Elaha Zarabi (Speaker)  
2 Nov 2017

**NPi masterclass paratonie en andere bewegingsstoornissen bij dementie**

Hans Hobbelen (Speaker), Hans Drenth (Speaker)  
19 Apr 2017

**Sluit ouderen met cognitieve problemen niet uit voor GRZ revalidatie**

Hans Hobbelen (Speaker), Jildou Hoogland (Speaker)  
27 Jan 2017

**ER-WCPT congress Liverpool 2016**

Hans Hobbelen (Speaker), Ivan Bautmans (Speaker), Jennifer Bottomley (Speaker)  
11 Nov 2016

**Frailty, a complex phenomenon**

Hans Hobbelen (Speaker)  
11 Nov 2016

**International Conference on Frailty and Sarcopenia Research**

Willemke Nijholt (Speaker), Harriët Jager-Wittenaar (Speaker), Hans Hobbelen (Speaker), Cees van der Schans (Speaker)  
28 Apr 2016

**Bewegingsstoornissen bij dementie**

Hans Hobbelen (Speaker)  
Apr 2016

**Healthy Ageing en zorg**

Hans Hobbelen (Speaker)  
13 Feb 2016

**RGF Symposium Noord Nederland "Geriatric"**

Hans Hobbelen (Speaker), Hans Drenth (Speaker)  
17 Nov 2015

**Landelijk Congres Bewegen en activeren in de ouderenzorg**

Hans Hobbelen (Speaker), Chantal van Arensbergen (Speaker)  
16 Nov 2015

**CME-Online congres Manuele therapie**

Hans Hobbelen (Speaker)  
10 Oct 2015

**AXXON Congress 2015**

Hans Hobbelen (Speaker)  
2 Oct 2015

**17th World Confederation for Physical Therapy (WCPT) Congress 2015, Networking Session**

Hans Hobbelen (Speaker), G. Goncalves-Mantellini (Participant), F. Can (Participant)  
2 May 2015

**Ons vak in beweging**

Hans Hobbelen (Speaker)  
19 Jan 2015

**Workshop paratonie**

Hans Hobbelen (Speaker)  
5 Jan 2015

**Bewegen, beweging en dementie**

Hans Hobbelen (Speaker)  
1 Jan 2015

**Fysiotherapie en dementie, les SOMT master geriatrie**

Hans Hobbelen (Speaker)  
2015

**Research Group Healthy Ageing, Allied Health Care and Nursing**

Harriët Jager-Wittenaar (Speaker), Cees van der Schans (Speaker), Hans Hobbelen (Speaker)  
2015

**Masterclass Paratonie**

Hans Hobbelen (Speaker)  
5 Nov 2014

**European Network for Action on Ageing and Physical Activity**

Hans Hobbelen (Speaker)  
17 Oct 2014

**10th Congress of the European Union of Geriatric Medicine Society (EUGMS)**

Hans Hobbelen (Speaker)  
18 Sep 2014

**Frailty and sarcopenia**

Hans Hobbelen (Speaker), Lotte Kunst (Speaker)  
14 Jul 2014

**Healthy Ageing and the importance of physical activity**

Hans Hobbelen (Speaker), Lotte Kunst (Speaker)  
14 Jul 2014

**2e editie Landelijk Congres Bewegen in de Langdurige Zorg**

Hans Hobbelen (Speaker)

14 May 2014

**Ouderen(zorg) en UKON-symposium**

Hans Hobbelen (Speaker)

14 May 2014

**Fysiotherapie en dementie**

Hans Hobbelen (Speaker)

5 Apr 2014

**Krasse Tandem – het perspectief van personeel**

Linet Weening-Verbree (Speaker), Hans Hobbelen (Speaker)

Mar 2014

**Met zorg naar gezondheid!**

Hans Hobbelen (Speaker)

14 Feb 2014

**Symposium Kwetsbare Ouderen 2014**

Hans Hobbelen (Speaker)

7 Feb 2014

**Bewegingsstoornissen bij dementie**

Hans Hobbelen (Speaker)

2014

**Eigen kracht als motor voor het bevorderen van een gezonde leefstijl én leefbaarheid in Menterwolde**

Hans Hobbelen (Speaker), Mathieu de Greef (Speaker)

2014

**Gezond oud worden**

Hans Hobbelen (Speaker)

2014

**International Conference on Frailty and Sarcopenia Research (ICSFR) 2014**

Willemke Nijholt (Speaker), Harriët Jager-Wittenaar (Speaker), Marjolein Visser (Speaker), Cees van der Schans (Speaker), Hans Hobbelen (Speaker)

2014

**Paratonie en andere bewegingsstoornissen bij dementie**

Hans Hobbelen (Speaker)

2014

**Sociale kwetsbaarheid, sarcopenie en dementie**

Hans Hobbelen (Speaker)

2014