



Curriculum Vitae

Personal information **Hugo Lövheim**

Work experience

Current position:

2023-ongoing Professor in Geriatrics, combined with specialist physician. Full time, Department of Community Medicine and Rehabilitation, Umeå University. The clinical part of this appointment is at the Geriatric Centre at the University Hospital of Umeå, Sweden.

Previous positions:

2022-2023 Assistant professor combined with specialist physician, full time, Department of Community Medicine and Rehabilitation, Umeå University, and the Geriatric Centre at the University Hospital of Umeå.

2017-2022 Assistant professor combined with specialist training/residency for medical doctors, full time, Department of Community Medicine and Rehabilitation, Umeå University. The clinical part of this appointment is at the Geriatric Centre at the University Hospital of Umeå.

2013-2017 University-ST (specialist training for physicians) in Geriatric Medicine, full-time, the Geriatric Centre, University Hospital of Umeå, Umeå

2010-2013 Physician under specialist training (ST) in geriatric medicine, full-time, the Geriatric Centre, University Hospital of Umeå, Umeå

2009-2012 Clinical Assistant, 10%, the Department of Community Medicine and Rehabilitation, Umeå University

2007-2010 Internship, full-time, University Hospital of Umeå, Umeå

2007 PhD student, full-time, Department of Community Medicine and Rehabilitation, Division of Geriatric Medicine, Umeå University

Education and training

2021-12-09 Specialist in Geriatrics (issued by the Swedish Board of Health and Welfare)

2012-11-14 Associate Professor (docent) in Research in Geriatric Medicine at Umeå University, Sweden

2010-03-03 Medical License (issued by the Swedish Board of Health and Welfare)

2008-05-07 PhD in Geriatric Medicine, Umeå University

2007-01-25 University Medical Degree, Umeå University

2001-2007 Medical School 5.5 years, Umeå University

Additional information

Publications

Lövheim H, Sandman PO, Kallin K, Karlsson S, Gustafson Y. Poor staff awareness of analgesic treatment jeopardises adequate pain control in the care of older people. *Age and Ageing* 2006; 35: 257-261.

Lövheim H, Sandman PO, Kallin K, Karlsson S, Gustafson Y. Relationship between antipsychotic drug use and behavioral and psychological symptoms of dementia in old people with cognitive impairment living in geriatric care. *International Psychogeriatrics* 2006; 18: 713-726.

Lövheim H, Sandman PO, Kallin K, Karlsson S, Gustafson Y. Symptoms of mental health and psychotropic drug use among old people in geriatric care, changes between 1982 and 2000. *International Journal of Geriatric Psychiatry* 2008; 23: 289-294.

Lövheim H, Sandman PO, Karlsson S, Gustafson Y. Behavioral and psychological symptoms of dementia in relation to level of cognitive impairment. *International Psychogeriatrics* 2008; 20: 777-789.

Lövheim H, Karlsson S, Gustafson Y. The use of central nervous system drugs and analgesics among very old people with and without dementia. *Pharmacoepidemiology and Drug Safety* 2008; 17: 912-918.

Molander L, **Lövheim H**, Norman T, Nordström P, Gustafson Y. Lower systolic blood pressure is associated with greater mortality in people aged 85 and older. *Journal of the American Geriatrics Society* 2008; 56: 1853-1859.

Lövheim H, Sandman PO, Karlsson S, Gustafson Y. Sex differences in the prevalence of behavioral and psychological symptoms of dementia. *International Psychogeriatrics* 2009; 21: 469-475.

Lövheim H, Sandman PO, Karlsson S, Gustafson Y. Changes between 1982 and 2000 in the prevalence of behavioral symptoms and psychotropic drug treatment among old people with cognitive impairment in geriatric care. *International Psychogeriatrics* 2009; 21: 941-948.

Molander L, **Lövheim H**, Gustafson Y. Low blood pressure is associated with cognitive impairment in very old people. *Dementia and Geriatric Cognitive Disorders* 2010; 29: 335-341.

Molander L, Gustafson Y, **Lövheim H**. Longitudinal associations between blood pressure and dementia in the very old. *Dementia and Geriatric Cognitive Disorders* 2010; 30: 269-276.

Lundman B, Forsberg KA, Jonsén E, Gustafson Y, Olofsson K, Strandberg G, **Lövheim H**. Sense of coherence (SOC) related to health and mortality among the very old: the Umeå 85+ Study. *Archives of Gerontology and Geriatrics* 2010; 51: 329-332.

Lövheim H, Bergdahl E, Sandman PO, Karlsson S, Gustafson Y. One-week prevalence of depressive symptoms and psychotropic drug treatments among old people with different levels of cognitive impairment living in institutional care, changes between 1982 and 2000. *International Psychogeriatrics* 2010; 22: 1154-1160.

Mathillas J, **Lövheim H**, Gustafson Y. Increasing prevalence of dementia among very old people. *Age and Ageing* 2011; 40: 243-249.

Lövheim H, Gustafson Y, Karlsson S, Sandman PO. Comparison of behavioral and psychological symptoms of dementia and psychotropic drug treatments among old people in geriatric care in 2000 and 2007. *International Psychogeriatrics* 2011; 23: 1616-1622.

Brännström J, Hamberg K, Molander L, **Lövheim H**, Gustafson Y. Gender disparities in the pharmacological treatment of cardiovascular disease and diabetes mellitus in the very old - An epidemiological, cross-sectional survey. *Drugs and Aging* 2011; 28: 993-1005.

Lövheim H, Nygren B, Lundman B. Absolute reliability of the

Resilience scale. *Journal of Nursing Measurement* 2012; 20: 258-260.

Lövheim H. A new three-dimensional model for emotions and monoamine neurotransmitters. *Medical Hypotheses* 2012; 78: 341-348.

Lundman B, Alex L, Jonsén E, **Lövheim H**, Nygren B, Santamäki-Fischer R, Strandberg G, Norberg A. Inner strength in relation to functional status, diseases, living arrangements and social relationships among people aged 85 years and over. *Geriatric Nursing* 2012; 33: 167-176.

Pellfolk T, Sandman PO, Gustafson Y, Karlsson S, **Lövheim H**. Physical restraint use in institutional care of old people in Sweden in 2000 and 2007. *International Psychogeriatrics* 2012; 24: 1144-1152.

Conradsson M, Rosendahl E, Littbrand H, Gustafson Y, Olofsson B, **Lövheim H**. Usefulness of the Geriatric Depression Scale 15-item version among very old people with and without cognitive impairment. *Aging and Mental Health* 2013; 17: 638-645.

Gustafsson M, Karlsson S, **Lövheim H**. Inappropriate long-term use of antipsychotic drugs is common among people with dementia living in specialized care units. *BMC Pharmacology and Toxicology* 2013; 14: 10.

Lövheim H, Graneheim U, Jonsén E, Strandberg G, Lundman B. Changes in sense of coherence in old age - A five year follow-up of the Umeå 85+ study. *Scandinavian Journal of Caring Sciences* 2013; 27: 13-19.

Molander L, **Lövheim H**. Blood pressure change and antihypertensive treatment in old and very old people - evidence of age, sex and cohort effects. *Journal of Human Hypertension* 2013; 27: 197-203.

Lövheim H. A new perspective on the autonomic nervous system. *Medical Hypotheses* 2013; 81: 356.

Gustafsson M, Sandman PO, Karlsson S, Gustafson Y, **Lövheim H**. Association between behavioral and psychological symptoms and psychotropic drug use among old people with cognitive impairment living in geriatric care settings. *International Psychogeriatrics* 2013; 25: 1415-1423.

Hörnsten C, **Lövheim H**, Gustafson Y. The association between stroke, depression and five year mortality among very old people. *Stroke* 2013; 44: 2587-2589.

Mathillas J, Olofsson B, **Lövheim H**, Gustafson Y. Thirty-day prevalence of delirium among very old people: A population-based study of very old people living at home and in institutions. *Archives of Gerontology and Geriatrics* 2013; 57: 298-304.

Gustafsson M, Karlsson S, Gustafson Y, **Lövheim H**. Psychotropic drug use among people with dementia - a six-month follow-up

study. *BMC Pharmacology and Toxicology* 2013; 14: 56.

Niklasson J, **Lövheim H**, Gustafson Y. Morale in very old people who have had a stroke. *Archives of Gerontology and Geriatrics* 2014; 58: 408-414.

Lundman B, Årestedt K, Norberg A, Norberg C, Fischer RS, **Lövheim H**. Psychometric properties of the Swedish version of the Self-Transcendence Scale among very old people. *Journal of Nursing Measurement* 2015; 23: 96-111.

Gustafsson M, Sandman PO, Karlsson S, Isaksson U, Schneede J, Sjölander M, **Lövheim H**. Reduction in the use of potentially inappropriate drugs among old people living in geriatric care units between 2007 and 2013. *European Journal of Clinical Pharmacology* 2015; 71: 507-515.

Lövheim H, Gilthorpe J, Adolfsson R, Nilsson LG, Elgh F. Reactivated Herpes simplex infection increases the risk of Alzheimer's disease. *Alzheimer's and Dementia* 2015; 11: 593-599.

Lövheim H, Gilthorpe J, Johansson A, Eriksson S, Hallmans G, Elgh F. Herpes simplex infection and the risk of Alzheimer's disease – a nested case-control study. *Alzheimer's and Dementia* 2015; 11: 587-592.

Niklasson J, Nyqvist F, Olofsson B, Hörnsten C, **Lövheim H**, Gustafson Y. High morale is associated with increased survival in the very old. *Age and Ageing* 2015; 44: 630-636.

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Niklasson J, Conradsson M, Hörnsten C, Nyqvist F, Padyab M, Nygren B, Olofsson B, **Lövheim H**, Gustafson Y. Psychometric properties and feasibility of the Swedish version of the Philadelphia Geriatric Centre Morale Scale. *Quality of Life Research* 2015; 24: 2795-2805.

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Lämås K, Karlsson S, Nolén A, **Lövheim H**, Sandman PO. Prevalence of constipation among persons living in institutional geriatric care settings — a cross-sectional study. *Scandinavian Journal of Caring Sciences* 2017; 31: 157-163.

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Gustafsson M, Sjölander M, Pfister B, Jonsson J, Schneede J, **Lövheim H**. Pharmacist participation in hospital ward teams and hospital readmission rates among people with dementia: a randomized controlled trial. *European Journal of Clinical Pharmacology* 2017; 73: 827-835.

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2830.

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Lövheim H, Norman T, Weidung B, Olsson J, Josefsson M, Nyberg L, Adolfsson R, Elgh F. Herpes Simplex Virus, APOE ϵ 4, and Cognitive Decline in Old Age: Results from the Betula Cohort Study. *Journal of Alzheimer's Disease* 2019; 67: 211-220.

Lövheim H, Gustafsson M, Isaksson U, Karlsson S, Sandman PO. Gottfries' cognitive scale for staff proxy rating of cognitive function among nursing home residents. *Journal of Alzheimer's Disease* 2019; 72: 1251-1260.

Brännström J, **Lövheim H**, Gustafsson Y, Nordström P. Associations between antidepressant drug use and hip fracture in older people before and after treatment initiation. *JAMA Psychiatry* 2019; 76: 172-179.

Gustafsson M, Lämås K, Isaksson U, Sandman PO, **Lövheim H**. Constipation and laxative use among people living in nursing homes in 2007 and 2013. *BMC Geriatrics* 2019; 19: 38.

Olsson J, Johansson J, Honkala E, Blomqvist B, Kok E, Weidung B, **Lövheim H**, Elgh F. Urea dilution of serum for reproducible anti-HSV1 IgG avidity index. *BMC Infectious Diseases* 2019; 19: 164.

Sjölander M, Lindholm L, Pfister B, Jonsson J, Schneede J, **Lövheim H**, Gustafsson M. Impact of clinical pharmacist engagement in ward teams on the number of drug-related readmissions among Swedish older patients with dementia or cognitive impairment: An economic evaluation. *Research in Social and Administrative Pharmacy* 2019; 15: 287-291.

Corneliusson L, Edvardsson D, **Lövheim H**, Sjögren K, Sköldunger A. Residing in sheltered housing versus aging in place - population characteristics, health status and social participation. *Health & Social Care in the Community* 2019; 27: e313-e322.

Lopatko Lindman K, Weidung B, Olsson J, Josefsson M, Kok E, Johansson A, Eriksson S, Hallmans G, Elgh F, **Lövheim H**. A genetic signature including Apolipoprotein E ϵ 4 potentiate the risk of Herpes Simplex-associated Alzheimer's disease. *Alzheimer's & Dementia: Translational Research & Clinical Interventions* 2019; 5: 697-704.

Baxter R, **Lövheim H**, Björk S, Sköldunger A, Lindkvist M, Sjögren K, Sandman PO, Bergland Å, Winblad B, Edvardsson D. The thriving of older people assessment scale: psychometric evaluation and short-form development. *Journal of Advanced Nursing* 2019; 75: 3831-3843.

Backman A, Ahnlund P, Sjögren K, **Lövheim H**, McGilton K, Edvardsson D. Embodying person-centred being and doing: Leading towards person-centred care in nursing homes as narrated by managers. *Journal of Clinical Nursing* 2020; 29: 172-183.

Corneliusson L, Sköldunger A, Sjögren K, Lindkvist M, **Lövheim H**, Wimo A, Winblad B, Sandman PO, Edvardsson D. Well-being and thriving in sheltered housing versus aging in place: results from the U-age sheltered housing study. *Journal of Advanced Nursing* 2020; 76: 856-866.

Näsman M, Niklasson J, Nygård M, Olofsson B, **Lövheim H**, Gustafson Y, Nyqvist F. Risk factors for a decrease in high morale in very old people over a five-year period – data from two Nordic countries. *European Journal of Ageing* 2020; 17: 31-41.

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Lopatko Lindman K, Hemmingsson ES, Weidung B, Brännström J, Josefsson M, Olsson J, Elgh F, Nordström P, **Lövheim H**. Herpesvirus infections, antiviral treatment, and the risk of dementia – a registry-based cohort study in Sweden. *Alzheimer's & Dementia: Translational Research & Clinical Interventions* 2021; 7: e12119.

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Gustafsson M, **Lövheim H**, Sjölander M. Pharmacological pain treatment in 2012 and 2017 among older people with major neurocognitive disorder. *Drugs & Aging* 2021; 38: 1017-1023.

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Kindstedt J, Sjölander M, **Lövheim H**, Gustafsson M. Psychotropic drug use among older people with major neurocognitive disorder: a cross-sectional study based on Swedish national registries. *European Journal of Clinical Pharmacology* 2022; 78 :477-487.

Weidung B, Hemmingsson ES, Olsson J, Sundström T, Ingelsson M, Blennow K, Zetterberg H, Elgh F, **Lövheim H**. VALZ-Pilot: high-dose valacyclovir treatment in patients with early-stage Alzheimer's disease. *Alzheimer's & Dementia: Translational Research & Clinical Interventions* 2022; 8: e12264.

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Projects

Memberships

Member of the board in Umeå for the Swedish Ethical Review Authority.
Member of the steering committee for the Swedish Dementia Registry since 2020.
Member of Board Swedish Association for Old Age Psychiatry

Other Relevant Information