

PUBLICATIONS

by Jörgen Winkel and co-authors

PEER-REVIEWED PAPERS IN ENGLISH

1981

Winkel J. Swelling of the lower leg in sedentary work - a pilot study. *J Hum Ergol (Tokyo)*, 10, 139-149, 1981.

1983

Winkel J. On the manual handling of wide-body carts used by cabin attendants in civil aircraft. *Applied Ergonomics*, 14, 162-168, 1983.

Winkel J, Ekblom B, Hagberg M, Jonsson B. The working environment of cleaners. Evaluation of physical strain in mopping and swabbing as a basis for job redesign. In: Kvålsseth TO (Ed), *Ergonomics of workstation design*, pp 35-44, 1983.

Winkel J, Ekblom B, Tillberg B. Ergonomic and medical factors in shoulder/arm pain among cabin attendants as a basis for job redesign. In: Matsui H and Kobayashi K (Eds), *Biomechanics VIII-A*, pp 567-573, 1983.

1984

Winkel J, Bendix T. A method for electromyographic analysis of muscular contraction frequencies. *Eur J Appl Physiol*, 53, 112-117, 1984.

1985

Winkel J. On foot swelling during prolonged sedentary work and the significance of leg activity. *Arbete och Hälsa* 1985:35. Arbetarskyddsverket, Stockholm, 1985. (Dr. Med. Sc.-thesis, Karolinska Institute, Stockholm).

Bendix T, Winkel J, Jessen F. Comparison of office chairs with fixed forwards or backwards inclining, or tilttable seats. *Eur J Appl Physiol*, 54, 378-385, 1985.

1986

Bendix T, Jessen F, Winkel J. An evaluation of a tilttable office chair with respect to seat height, backrest position and task. *Eur J Appl Physiol*, 55, 30-36, 1986.

Winkel J, Jørgensen K. Swelling of the foot, its vascular volume and systemic hemoconcentration during long-term constrained sitting. *Eur J Appl Physiol*, 55, 162-166, 1986.

Winkel J, Bendix T. Muscular performance during seated work evaluated by two different EMG methods. *Eur J Appl Physiol*, 55, 167-173, 1986.

Winkel J, Jørgensen K. Evaluation of foot swelling and lower-limb temperatures in relation to leg activity during long-term seated office work. *Ergonomics*, 29, 313-328, 1986.

Winkel J. An accurate plethysmograph for measurement of changes in the volume of the human foot. *Ergonomics*, 29, 801-805, 1986.

1987

Oxenburgh M S, Winkel J. Optimisation of physical activity in VDU work - an intervention study. *J Occup Health & Safety - Australia and New Zealand*, vol 3, 345-348, 1987.

Winkel J. On the significance of physical activity in sedentary work. In: Knave B and Widebäck P-G (Eds), *Work with display units*. (North-Holland, Amsterdam), pp 229-236, 1987

Bendix A, Winkel J, Bojsen-Møller F. Effect of soft shoes and clogs on induced foot swelling. In: Jonsson B (Ed), *Biomechanics X-B*. (Human Kinetics Publishers, Champaign, Illinois), pp 927-930, 1987.

Jørgensen K, Winkel J. On the bipartite function of the human soleus muscle. In: Jonsson B (Ed), *Biomechanics X-A*. (Human Kinetics Publishers, Champaign, Illinois), pp 259-264, 1987.

1988

Noddeland H, Winkel J. Effects of leg activity and ambient barometric pressure on foot swelling and lower limb skin temperature during 8 hours of sitting. *Eur J Appl Physiol*, 57, 409-414, 1988.

Winkel J., Gard G. An EMG-study of work methods and equipment in crane coupling as a basis for job redesign. *Applied Ergonomics*, 19, 178-184, 1988.

1990

Winkel J., Oxenburgh M. Towards optimizing physical activity in VDT/office work. In: Sauter S, Dainoff M, Smith M (Eds) "Promoting Health and Productivity in the Computerized Office: Models of Successful Ergonomic Interventions". Taylor & Francis, London, pp 94-117, 1990.

Mathiassen S E, Winkel J. Electromyographic activity in the shoulder-neck region according to arm position and glenohumeral torque. *Eur J Appl Physiol*, 61, 370-379, 1990.

1991

Mathiassen S E, Winkel J. "Quantifying variation in musculoskeletal load using exposure-vs-time data. Methodological considerations and presentation of a new method". *Ergonomics*, 34, 1455-1468, 1991. (Partly a review).

Fransson C, Winkel J. Hand strength: the influence of grip span and grip type. *Ergonomics*, 34, 881-892, 1991.

Winkel J, Jørgensen K. "Significance of skin temperature changes in surface electromyography". *Eur J Appl Physiol.*, 63, 345-348, 1991.

1992

Mathiassen S E, Winkel J. "Can occupational guidelines for work/rest schedules be based on endurance time data?". *Ergonomics*, 35, 253-259, 1992. (Partly a review)

Winkel J, Westgaard R. "Occupational and individual risk factors for shoulder-neck complaints: Part I - Guidelines for the practitioner". *Int J Ind Ergonomics*, 10, 79-83, 1992.

Winkel J, Westgaard R. "Occupational and individual risk factors for shoulder-neck complaints: Part II - The scientific basis (literature review) for the guide". *Int J Ind Ergonomics*, 10, 85-104, 1992

1993

Mathiassen S E, Winkel J, Sahlin K, Melin E. "Biochemical indicators of hazardous shoulder-neck loads in light industry". *Journal of Occupational Medicine*, 35(4) 404-407, 1993.

Wiktorin C, Karlqvist L, Winkel J. Validity of self-reported exposures to work postures and manual materials handling. *Scandinavian Journal of Work Environment & Health* 19, 208-214, 1993.

Jørgensen K, Hansen L, Lundager K, Winkel J. Low back muscle reactions to constrained standing in relation to shock absorbing properties of floor and shoes. In: Nielsen R & Jørgensen K (Eds.) *Advances in industrial ergonomics and safety V*. Taylor & Francis Ltd. (London), pp 279-283, 1993.

Nygård C-H, Kilbom Å, Wigaeus-Hjelm E, Winkel J. Life-time occupational physical activity and physical capacity. In: Nielsen R & Jørgensen K (Eds.) *Advances in industrial ergonomics and safety V*. Taylor & Francis Ltd. (London), pp 303-309, 1993.

1994

Winkel J, Mathiassen S E. Assessment of physical work load in epidemiologic studies - concepts, issues and operational considerations. *Ergonomics*, 37(6), 979-988, 1994

Selin K, Winkel J, Stockholm MUSIC I Study Group. Evaluation of two instruments for recording sitting and standing postures and number of footsteps. *Applied Ergonomics*, 25(1), 41-46, 1994.

Karlqvist L, Winkel J, Wiktorin C, Stockholm MUSIC I Study Group. Direct measurements and systematic observations of physical workload among medical secretaries, furniture removers and male and female reference populations. *Applied Ergonomics*, 25(5), 319-326, 1994.

Nygård C-H, Kilbom Å, Wigaeus-Hjelm E, Winkel J and Stockholm MUSIC 1 study group. Life-time occupational exposure to heavy work and individual physical capacity. *Int. J Ind Erg.*, 14, 365-372, 1994.

1995

Winkel J, Mathiassen S E, Hägg G M. Editorial: Normalization of upper trapezius EMG amplitude in ergonomic studies. *J Electromyogr Kinesiol*, 5(4), 195-196, 1995.

Mathiassen S E, Winkel J, Hägg G. Normalization of surface EMG amplitude from the upper trapezius muscle in ergonomic studies - a review. *J Electromyogr Kinesiol*, vol 5(4), 197-226, 1995.

Sjøgaard G, Sejersted O M, Winkel J, Smolander J, Jørgensen K, Westgaard R. Exposure assessment and mechanisms of pathogenesis in work-related musculoskeletal disorders: Significant aspects in the documentation of risk factors. In: Svane O, Johansen C (eds) *Work & Health - scientific basis of progress in the working environment*. The Health and Safety Directorate; The Commission of the European Communities, Bruxelles, pp 75-87, 1995

Wigaeus Hjelm E, Winkel J, Nygård C-H, Wiktorin C, Karlqvist L, Stockholm MUSIC I Study Group. Can cardiovascular load in ergonomic epidemiology be estimated by self-report? *Journal of Occupational and Environmental Medicine*, 37 (10), 1210-1217, 1995.

Fransson-Hall C, Gloria R, Kilbom Å, Winkel J, Karlqvist L, Wiktorin C, Stockholm MUSIC 1 Study Group. A portable ergonomic observation method (PEO) for computerised on-line recording of postures and manual handling. *Applied Ergonomics*, 26 (2), 93-100, 1995.

Attebrant M, Mathiassen S E, Winkel J. Normalizing upper trapezius EMG amplitude: comparison of ramp and constant force procedures. *J Electromyogr Kinesiol*, vol 5(4), 245-250, 1995.

Bao S, Mathiassen S E, Winkel J. Normalizing upper trapezius EMG amplitude: comparison of different procedures. *J Electromyogr Kinesiol*, vol 5(4), 251-257, 1995.

1996

Winkel J, Westgaard R H. A model for solving work related musculoskeletal problems in a profitable way. *Applied Ergonomics*, 27, 71-77, 1996.

Westgaard R H, Winkel J. Guidelines for occupational musculoskeletal load as a basis for intervention: a critical review. *Applied Ergonomics*, 27, 79-88, 1996

Mathiassen S E, Winkel J. Physiological comparison of three interventions in light assembly work: reduced work pace, increased break allowance and shortened working days. *International Archives of Occupational and Environmental Health*, 68, 94-108, 1996.

Wiktorin C, Wigaeus Hjelm E, Winkel J, Köster M, and Stockholm MUSIC 1 study group. Reproducibility of a questionnaire for assessment of physical load during work and leisure time. *Journal of Occupational and Environmental Medicine*, 38(2), 190-201, 1996.

Bao S, Mathiassen S E, Winkel J. Ergonomic effects of a management-based rationalization in assembly work - a case study. *Applied Ergonomics*, 27, 89-99, 1996.

1997

Westgaard R H, Winkel J. Ergonomic intervention research for improved musculoskeletal health: A critical review. *International Journal of Industrial Ergonomics*, 20, 463-500, 1997

Attebrant M, Winkel J, Mathiassen S E, Kjellberg A. Shoulder-arm muscle load and performance during control operation in forest machines. Effects of changing to a new arm rest, lever and boom control . *Applied Ergonomics*, 28(2), 85-97, 1997.

Bao S, Winkel J, Mathiassen S E, Shahnavaz H. Interactive effect of ergonomics and production engineering on shoulder-neck exposure - a case study of assembly work in China and Sweden. *International Journal of Industrial Ergonomics* 20, 75-85, 1997.

1998

Winkel J, Westgaard R. Guidelines for occupational shoulder-neck exposures. In: A Mital, M Ayoub, S Kumar, K Landau, M Wang (Eds) *Industrial and Occupational ergonomics: Users encyclopedia*. CD-textbook

Hansen L, Winkel J, Jørgensen K. Significance of mat and shoe softness during prolonged work in upright position; based on measurements of low back EMG, foot volumes, discomfort, and ground force reactions. *Applied Ergonomics*, 29, 217-224, 1998.

1999

Gellerstedt S, Almqvist R, Attebrant M, Myhrman D, Wikström B-O, Winkel J. Ergonomic guidelines for forest machines. Swedish National Institute for Working Life, the Forestry Research Institute of Sweden, the Swedish University of Agricultural Sciences. 85 pages, 1999

Torgén M, Winkel J, Alfredsson L, Kilbom Å, Stockholm MUSIC 1 Study Group. Evaluation of questionnaire-based information on previous physical workloads. *Scand J Work, Environ & Health*, 25, 246-254, 1999.

Winkel J, Christmasson M, Cyren H, Engström T, Forsman M, Hansson G-Å, Johansson Hanse J, Kadefors R, Mathiassen S E, Medbo L, Möller T, Ohlsson K, Petersson N F, Skerfving S, Sundin A. A Swedish industrial research program ‘Co-operative for Optimization of industrial production systems regarding Productivity and Ergonomics’ (COPE). *American Journal of Industrial medicine*, Suppl. 1, 82-85, 1999

2000

Mathiassen SE, Winkel J (Eds). Ergonomics in the continuous development of production systems. A COPE-workshop on methods for collecting and analysing mechanical exposure data. *Arbete och Hälsa* 2000:6 (37 pages), Arbetslivsinstitutet, Stockholm, 2000.

Mathiassen SE, Winkel J. Methods for collecting and analysing data on mechanical exposure in developing production systems. A COPE-workshop. In: Mathiassen S E & Winkel J (Eds) Ergonomics in the continuous development of production systems. *Arbete och Hälsa*, 2000:6, 1-8, National Institute for Working Life and Malmö University.

Petersson N F, Mathiassen S E, Björing G, Winkel J. The accuracy of self-rating of exposure to repetitive work. *International Journal of Industrial Ergonomics*, 25, 239-246, 2000.

Bao S, Winkel J, Shahanzad H. Prevalence of musculoskeletal disorders at workplaces in the People’s Republic of China. *International Journal of Occupational Safety and Ergonomics*, vol. 6, no. 4, 557-574, 2000.

2001

Petersson N F, Mathiassen S E, Winkel J, Engström T, Medbo L, Ohlsson K. The interface between production system design and individual mechanical exposure. In: Zandin K (Ed) Maynard’s Industrial Engineering Handbook, 5th Edition, chapt. 6.6, pp 6.99-6.110, 2001

Balogh I, Ørbæk P, Winkel J, Nordander C, Ohlsson K, Ektor-Andersen J, & the Malmö Shoulder-Neck Study. Questionnaire based mechanical exposure indices for large population studies - Reliability, internal consistency and predictive validity. *Scandinavian Journal of Work Environment & Health*, vol. 27, no. 1, 41-48, 2001.

Hansson G-Å, Balogh I, Byström J U, Ohlsson K, Nordander C, Asterland P, Sjölander S, Rylander L, Winkel J, Skerfving S. Questionnaire versus direct technical measurements for assessment of postures and movements of head, upper back, arms and hands. *Scandinavian Journal of Work Environment & Health*, vol. 27, no. 1, 30-40, 2001.

2002

Westgaard R H, Winkel J. On occupational ergonomic risk factors for musculoskeletal disorders and related intervention practice. In: Linton (Ed.) New Avenues for the Prevention of Chronic Musculoskeletal Pain and Disability. Pain Research and Clinical Management, vol. 12. Chapter 10, 143-164, 2002. Elsevier Science B V. 2002

Neumann WP, Kihlberg, S, Medbo, P, Mathiassen, SE, Winkel, J. A case study evaluating the ergonomic and productivity impacts of partial automation strategies in the electronics industry. International Journal of Production Research, vol. 40, no. 16, 4059-4075, 2002.

2004

Balogh I, Ørbæk P, Ohlsson K, Nordander C, Unge Byström J, Winkel J, Hansson G-Å, & the Malmö Shoulder-Neck Study. Self-assessed and direct measured physical activities - influence of musculoskeletal complaints. Applied Ergonomics, vol. 35, no. 1, 49-56, 2004.

Kazmierczak K, Winkel J, Westgaard R H. Car disassembly and ergonomics in Sweden: Current situation and future perspectives in light of new environmental legislation. International Journal of Production Research, vol 42 no. 6, 1305-1324, 2004

2005

Unge J, Hansson G-Å, Ohlsson K, Nordander C, Axmon A, Winkel J, Skerfving S. Validity of self-assessed occurrence and duration of occupational tasks. Ergonomics. Vol 48, no. 1, pp 12-24, 2005

Kazmierczak K, Mathiassen S E, Forsman M, Winkel J. An integrated analysis of ergonomics and time consumption in Swedish 'craft-type' car disassembly. Applied Ergonomics. Vol. 36, 263-273, 2005

Östergren P-O, Hansson B S, Balogh I, Ektor-Andersen J, Isacsson A, Orbæk P, Winkel J, Isacsson S-O. Incidence of shoulder and neck pain in a working population - effect modification between mechanical and psychosocial exposures at work? Results from a one-year follow-up study of the Malmö Shoulder Neck Study cohort. Journal of Epidemiology and Community Health, 59 (9): 721-728, 2005.

2006

Neumann, W.P., Winkel, J., Medbo, L., Magneberg, R Mathiassen S.E. Production System Design Elements Influencing Productivity and Ergonomics - A Case Study of Parallel and Serial Flow Strategies. International Journal of Operations and Production Management, 26(8): 904-923, 2006.

Kazmierczak K, Mathiassen S E, Neumann P, Winkel J. Observer reliability of industrial activity analysis based on video recordings. International Journal Industrial Ergonomics, 36, 275-282, 2006

2007

Wells R, Mathiassen S E, Medbo L, Winkel J. Time - a key issue for musculoskeletal health and manufacturing. *Applied Ergonomics*, vol 38, 733-744, 2007

Kazmierczak K, Neumann W P, Winkel J. A case study of serial-flow car disassembly: ergonomics, productivity and potential system performance. *Human Factors and Ergonomics in Manufacturing*, vol 17 (4), 331-351, 2007

2008

Johansson Hanse J and Winkel J. Work organisation constructs and ergonomic outcomes among European forest machine operators. *Ergonomics*, vol 51 (7), 968–981, 2008

Østensvik T, Veiersted K B, Nilsen P, Cuchet E, Johansson Hanse J, Carlzon C and Winkel J. A search for risk factors of upper extremity disorders among forest machine operators in France and Norway. *Int. J. Ind. Erg.* 38, 1017-1027, 2008

2009

Neumann W P, Ekman M, Winkel J. Integrating ergonomics into production system development - The Volvo Powertrain Case. *Applied Ergonomics*, 40(3): 527-537, 2009

2010

Takala E-P, Pehkonen I, Forsman M, Hansson G-Å, Mathiassen S E, Neumann W P, Sjøgaard G, Veiersted K B, Westgaard R, Winkel J. Systematic evaluation of observational methods assessing biomechanical exposures at work. *Scand J Work Environ Health*; 36(1):3–24, 2010

2011

Westgaard R H, Winkel J. Occupational musculoskeletal and mental health: significance of rationalization and opportunities to create sustainable production systems – a systematic review. *Applied Ergonomics*, 42, 261-296, 2011

Jonker D, Rolander B, Balogh I, Sandsjö L, Ekberg K, Winkel J. Mechanical exposure among general practice dentists in Sweden and possible implications of rationalization. *Ergonomics*, 54, 953-60, 2011

2012

Palmerud G, Forsman M, Neumann P W, Winkel J. Mechanical exposure implications of rationalization: a comparison of two flow strategies in a Swedish manufacturing plant. *Applied Ergonomics*, 43, 1110-1121, 2012

Brännmark M, Langstrand J, Johansson S, Halvarsson A, Abrahamsson L, Winkel J. Researching Lean: Methodological implications of loose definitions. *Journal: Quality Innovation Prosperity*, XVI/2, pp 35-48. ISSN: 1335-1745 (print); ISSN: 1338-984X (online), 2012

2013

Jonker D, Rolander B, Balogh I, Sandsjö L, Ekberg K, Winkel J. Rationalisation in public dental care – impact on clinical work tasks and mechanical exposure for dentists – a prospective study. *Ergonomics*, 56(2), 303-313, 2013

Rolander B, Jonker D, Winkel J, Sandsjö L, Balogh I, Svensson E, Ekberg K. Working conditions, health and productivity among dentists – a prospective study during a 5-year period of rationalization in public dental care. *Ergonomics*, Vol. 56(9), 1376–1386, 2013

2014

Johansson Hanse J, Harlin U, Jarebrant C, Ulin K, Winkel J. Leader-Member Exchange (LMX) and Psychosocial Factors at Work Among Healthcare Professionals. *Journal of Nursing and Care*. Vol.3, issue 5. 2014 (doi:10.4172/2167-1168.1000193)

2015

Winkel J., Edwards K, Birgisdóttir Dröfn B, Gunnarsdóttir S. Facilitating and inhibiting factors in change processes based on the lean tool ‘value stream mapping’: an exploratory case study at hospital wards. *International Journal of Human Factors and Ergonomics. Int. J. Human Factors and Ergonomics*, Vol. 3, Nos. 3/4, 2015, 291-302

2016

Jarebrant C, Winkel J, Johansson Hanse J, Mathiassen S E, and Öjmertz B. ErgoVSM: A Tool for Integrating Value Stream Mapping and Ergonomics in Manufacturing. *Human Factors and Ergonomics in Manufacturing & Service Industries* 26 (2) 191–204, 2016 (doi: 10.1002/hfm.20622)

Johansson Hanse J, Harlin U, Jarebrant C, Ulin K, Winkel J. The impact of servant leadership dimensions on leadermember exchange (LMX) among health care professionals. *Journal of Nursing Management*, 24, 228–234 (DOI: 10.1111/jonm.12304)

2018

Neumann P W, Winkel J, Palmerud G, Forsman M. Innovation and employee injury risk in automotive disassembly operations. *International Journal of Production Research*, 56(9), 2018. 3188-3203 (doi: 10.1080/00207543/2018.1432910)

Edwards K, Winkel J. A method for Effect Modifier Assessment (EMA) in ergonomic intervention research. *Applied Ergonomics*, 72, 113-120.

Edwards K, Winkel J. Corrigendum to “A method for effect modifier assessment (EMA) in ergonomic intervention research” [Appl. Ergon. 72, (October 2018), 113–120]. Applied Ergonomics, 2018, vol. 73, 166.

2019

Winkel J and Westgaard R H. Development and implementation of interventions managing work-related musculoskeletal disorders: Inadequacy of prevalent research framework and future opportunities. Scand. J Work Environ. & Health, 45(3):316–317.
doi:10.5271/sjweh.3815

Jørgensen K and Winkel J. Review paper: Secular trends in human physical capacities of the working population and some ergonomic implications. In: Proceedings of the 50th Nordic Ergonomics and Human Factors Society Conference: Future Work: Digitalisation and Innovation. / Ole Broberg; Rikke Siem (Eds.). Lyngby : DTU Management, 2019. s. 274-281. (<https://doi.org/10.11581/dtu:00000061>)

2020

Edwards K, Winkel J. Corrigendum to “A method for effect modifier assessment (EMA) in ergonomic intervention research” [Appl. Ergon. 72C (2018) 113–120]. Applied Ergonomics, 84, 103004

2021

Winkel J, Edwards K, Westgaard R H. The NOVO network: A research and development platform with the vision of a Nordic Model for sustainable systems in healthcare. Interdisciplinary Journal of Partnership Studies (IJPS), 2021, Vol. 8 (1), Article 3.

Submitted/Conditionally accepted:

PEER-REVIEWED PAPERS IN THE NORDIC LANGUAGES

1987

Winkel J. Belastnings-ergonomiska konsekvenser av datoriseringen. In: Westerholm P (Ed.) Bildskärmsarbete - en aktuell arbetsmiljöfråga. ARBETE OCH HÄLSA 1987:24, (Arbetsmiljöinstitutet, Stockholm). Chapt. 4, pp 28-44, 1987.

1989

Winkel J. Varför ökar belastningsskadorna? Nordisk Medicin, vol. 104, nr. 12, pp 324-327, 1989.

1993

Winkel J, Mathiassen S E. Fysisk belastning i epidemiologiske studier af arbejdsmiljøet - definition, terminologi, måling. I: Biering-Sørensen, Arfelt E, Kjær M, Manniche C (Eds.) Muskel- og rygbesvær. Dansk Reumatologisk selskab. Astra Danmark A/S, pp 5-17, 1993.

1996

Mathiassen S E, Winkel J, Liukkonen P, Bao S, Björing G. Belastningsergonomi och rationalisering - en fallstudie. Arbete och Hälsa 1996:12

Mathiassen S E, Winkel J. Belastningsergonomi och rationalisering - kollision eller samförstånd? I: Mathiassen S E et al. Belastningsergonomi och rationalisering - en fallstudie. Arbete och Hälsa 1996:12, kap. 1, pp 1-9

Mathiassen S E, Bao S, Björing G, Winkel J. Rationalisering av monteringsarbete - en belastningsergonomisk fallstudie. I: Mathiassen S E et al. Belastningsergonomi och rationalisering - en fallstudie. Arbete och Hälsa 1996:12, kap. 2, pp 10-34

Petersson N F, Björing G, Mathiassen S E, Winkel J. 'Bedömning av muskelbelastning utifrån produktionstekniska elementartidsystem'. Arbete och Hälsa 1996:29.

1998

Winkel J, Attebrant M, Wikström B-O. (Eds.) Konsensusrapporter rörande kunskapsläget om arbetsmiljön i skogsmaskiner. Arbete och Hälsa 1998:10.

Attebrant M, Mathiassen S E, Winkel J. Belastningsergonomiska aspekter på rationaliseringen av skogsindustrin. I Winkel J, Attebrant M, Wikström B-O. (Eds.) 'Konsensusrapporter rörande kunskapsläget om arbetsmiljön i skogsmaskiner'. Arbete och Hälsa 1998:29.

Gellerstedt S, Almqvist R, Attebrant M, Myhrman D, Wikström B-O, Winkel J. Nordiska ergonomiska riktlinjer för skogsmaskiner. Skogforsk, Stiftelsen Skogsbrukets Forskningsinstitut, 85 sidor, 1998.

1999

Winkel J, Westgaard R H. Belastningsergonomiska förändringsstrategier. In: E. Holmström, Eklundh M, Ohlsson K (Eds.) 'Människan i arbetslivet – prevention och rehabilitering'. Studentlitteratur, Chap. 6, pp 107-127, 1999.

Westgaard R H, Winkel J. Erfaringer med ergonomiske tiltak. Norges Forskningsråd. Förlag: Tiden. 17 sidor, 1999.

2005

Kihlberg S, Franzon H, Fröberg J, Hägg G, Johansson Hanse J, Kjellberg A, Mathiassen S E, Medbo P, Neumann W P, Winkel J. Ett produktionssystem under förändring – ergonomisk och teknisk utvärdering. Arbete och Hälsa 2005:1

2014

Winkel J, Westgaard R H. Belastningsergonomiska förändringsstrategier. In: E. Holmström & Ohlsson K (Eds.) 'Människan i arbetslivet, Teori och praktik'. Studentlitteratur, Chap. 6, pp 135-160, 2014. ISBN 978-91-44-07979-0

2021

Winkel J. Forebyggelse af MSB gennem udvikling af bæredygtige produktionssystemer. I: Hans Jørgen Limborg og Eva Thoft (Eds.) TeamArbejdsliv: "Forebyggelse af MSB på arbejdspladsen - en antologi". Dansk Arbejdsgiverforening og Fagbevægelsens Hovedorganisation. ISBN: 978-87-7755-675-3. pp 52-73, 2021

Submitted/Conditionally accepted:

NON-PEER-REVIEWED PAPERS IN ENGLISH (Mainly conference proceedings)

1979

Winkel J, Ekblom B, Hagberg M, Jonsson B. Electromyographic evaluation of mopping and swabbing in cleaning work. In: Proceedings of the 4th congress of the international society of electrophysiological kinesiology, 5-10 August 1979, Boston, MA., U.S.A., pp 246-247, 1979.

Winkel J. Swelling of the lower leg in sedentary work - a pilot study. Ergonomics, vol 22, 737, 1979.

1980

Winkel J, Ekblom B, Hagberg M, Jonsson B. The working environment of cleaners. Evaluation of physical strain in mopping and swabbing as a basis for job redesign. In: Proceedings of the joint IES/NES conference, Ergonomics in action from theory to practice, 20-22 August 1980, Oslo, Norway, pp B19-B32, 1980.

Winkel J, Ekblom B, Hagberg M, Jonsson B. The working environment of cleaners: evaluation of physical strain in mopping and swabbing as a basis for job redesign. Ergonomics, vol 23, p 835, 1980.

1981

Winkel J, Ekblom B. An ergonomic evaluation of wide-body carts used by cabin attendants in civil aviation as a basis for job redesign. In: Proceedings of the XXIXth international congress of aviation and space medicine, 7-11 September 1981, Nancy, France, pp 177-178, 1981.

Winkel J, Ekblom B, Tillberg B. Ergonomic and medical factors in shoulder/arm pain among cabin attendants as a basis for job redesign. In: Abstracts of the VIIth international congress of biomechanics, 20-24 July 1981, Nagoya, Japan, p 289, 1981.

1982

Winkel J. An ergonomic evaluation of foot complaints among waiters as a basis for job design. In: Noro K (Ed), Proceedings of the 8th congress of the international ergonomics association, 23-27 August 1982, Tokyo, Japan, pp 630-631, 1982.

Winkel J. An ergonomic evaluation of foot complaints among waiters. *Ergonomics*, vol 25, p 523, 1982.

1985

Winkel J, Jørgensen K. The effect of leg activity on foot swelling, lower leg/foot temperatures and discomfort during prolonged sedentary office work. In: Brown ID, Goldsmith R, Coombes K, Sinclair MA (Eds), Proceeding of the 9th congress of the international ergonomics association, 2-6 September 1985, Bournemouth, England, pp 598-600, 1985.

Bendix A, Bojsen-Møller F, Winkel J. Effect of soft shoes and clogs on foot swelling in walking. In: Abstract Book of the 10th international congress of biomechanics, 15-20 June 1985, Umeå, Sweden. *Arbete och Hälsa* 1985:14 (Arbetarskyddsverket), p 26, 1985.

Jørgensen K, Winkel J. On the bipartite function of the human soleus muscle. In: Abstract Book of the 10th international congress of biomechanics, 15-20 June 1985, Umeå, Sweden. *Arbete och Hälsa* 1985:14 (Arbetarskyddsverket), p 134, 1985.

Noddeland H, Winkel J, Andersen HT. Foot swelling and the significance of leg activity during simulated long-distance flying. *Acta Physiol Scand*, vol 124 (suppl 542), p 130, 1985.

1986

Winkel J. Macro- and micro-circulatory changes during prolonged sedentary work and the need for lower limit values for leg activity - a brief review. In: Proceedings of the international scientific conference: work with display units, 12-15 May 1986, Stockholm, Sweden, pp 497-500, 1986.

Kilbom Å, Winkel J, Åkerstedt T. Symposium on physical inactivity and VDU-work-effects and remedies. In: Abstracts of the international scientific conference: work with display units, 12-15 May 1986, Stockholm, Sweden, pp 77-78, 1986.

Winkel J. Micro- and macro-circulatory effects of physical inactivity due to prolonged sedentary work. In: Abstracts of the international scientific conference: work with display units, 12-15 May 1986, Stockholm, Sweden, p 79, 1986.

1987

Winkel J, Aronsson G, Gamberale F, Oxenburgh M, Wennberg A. Towards optimizing physical activity for data entry operators - circulatory reactions. In: Abstracts of the XXII International Congress on Occupational Health, 27 September - 2 October, 1987, Sydney, Australia, p 212, 1987.

Oxenburgh M, Aronsson G, Gamberale F, Wennberg A, Winkel J. Sedentary work - an intervention study on data entry operators. In: Abstracts of the XXII International Congress on Occupational Health, 27 September - 2 October, 1987, Sydney, Australia, p 211, 1987.

Winkel J. Rationalization destroys the effects of good ergonomics. Tidningen Statshälsan, nr. 2, p 10-12, 1987. English version.

1988

Winkel J, Jørgensen K, Noddeland H. Significance of ambient temperature for foot swelling and oedema-preventing effect of modest leg activity while seated. In: Proceedings of the 10th Congress of the International Ergonomics Association (IEA), August 1-5, 1988, Sydney, Australia, vol. I, pp 140-142, 1988.

Winkel J, Oxenburgh M. Towards optimizing physical activity in VDT/office work. Proceedings of the workshop "Promoting Health and Productivity in the Computerized Office: Models of Successful Ergonomic Interventions. A Multidisciplinary Workshop. August 8-11, 1988, Miami University, Oxford, Ohio, U.S.A. NIOSH and Center for Ergonomic Research, Miami University, pp 11-12, 1988.

1989

Fransson C, Winkel J. Grip strength and leg design of power grip hand tools. In: Robert J. Gregor, Ronald F. Zernicke, William C. Whiting (Eds.) Congress Proceedings of the XII International Congress of Biomechanics, 26-30 June 1989, Los Angeles, U.S.A. Abstract 374, 2 PP.

Aronsson G, Oxenburgh M, Wennberg A, Winkel J. Optimizing physical activity in VDU work. An intervention study. Investigation report 1989:24, National Institute of Occupational Health, Sweden. 36 pp, 1989.

Fransson C, Winkel J. Grip strength and leg design of power grip hand tools. *J. Biomechanics*, vol 22, p 1012, 1989.

Winkel J, Fallentin N, Noddeland H. Hydroplethysmography: Significance of water temperature (T_{pl}) when estimating oedema formation in healthy subjects. In: Leo Hirvonen, Jouni Timisjärvi, Seppo Niiranen & Juhani Leppäluoto (Eds.) *Proceedings of the International Union of Physiological Sciences, XVII. Abstracts. XXXI International Congress of Physiological Sciences*. Helsinki, Finland, 9-14 July, 1989. P 5572, p 545.

Mathiassen S E, Winkel J. "Multipartite function of upper trapezius muscle". In: Leo Hirvonen, Jouni Timisjärvi, Seppo Niiranen & Juhani Leppäluoto (Eds.) *Proceedings of the International Union of Physiological Sciences, XVII. Abstracts. XXXI International Congress of Physiological Sciences*. Helsinki, Finland, 9-14 July, 1989. P 3600, p 332.

1990

Winkel J, Jørgensen K. Significance of temperature changes in vocational EMG. *8th International Congress of ISEK (International Society of Electrophysiological Kinesiology)*, August 12-16, 1990, Baltimore, U.S.A. Abstract Book, P 26, 1990.

Mathiassen S E, Winkel J. Contralateral coactivation in the shoulder-neck region. *8th International Congress of ISEK (International Society of Electrophysiological Kinesiology)*, August 12-16, 1990, Baltimore, U.S.A. Abstract Book, P 62, 1990.

1991

Mathiassen S E, Winkel J. Seated, repetitive long-term work with light objects. *Ergonomic contributions to future recommendations*. The Finnish Work Environment Fund, 1991.

Attebrant M, Winkel J, Hansson JE. Hand control operation and arm rest design evaluated by muscle load measurements. In: Y. Quéinnec & F. Daniellou (Eds.) *Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association*. Taylor & Francis (London), 1991, Vol. 1, pp 153-155.

Bao S, Shahnavaz H, Winkel J. Application of a job analysis method (AET) in Chinese Workplaces. In: Y. Quéinnec & F. Daniellou (Eds.) *Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association*. Taylor & Francis (London), 1991, Vol. 1, pp 27-29.

Bao S, Winkel J, Shahnavaz H. Physical work load in Chinese assembly line workers. In: Y. Quéinnec & F. Daniellou (Eds.) *Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association*. Taylor & Francis (London), 1991, Vol. 3, pp 29-30.

Mathiassen SE, Winkel J. Cardiovascular responses during and after intermittent isometric exercise in the shoulder-neck region. In: Y. Quéinnec & F. Daniellou (Eds.) *Designing for*

Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 126-128.

Mathiassen SE, Winkel J."EVA" - a method for quantifying variation in physical stress. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 3, pp 37-38.

J Winkel (6), M Dallner (8), M Ericson (5), C Fransson (6), L Karlqvist (2), C-H Nygård (6), T Selin (2), E Wigaeus Hjälm (9), C Wiktorin (2) and the Stockholm-MUSIC I Study Group (1-10). • **Karolinska Hospital and Institute, S-104 01 Stockholm, Sweden;** (1) Departments of Epidemiology/IMM, (2) Occupational Medicine, (3) Orthopaedics, (4) Rheumatology, (5) Rehabilitation and Physical Medicine. • **National Institute of Occupational Health, S-171 84 Solna, Sweden;** Divisions of (6) Applied Work Physiology, (7) Occupational Medicine, (8) Psychophysiology, (9) Work and Environmental Physiology. • **National Institute of Psychosocial Factors and Health, S-104 01 Stockholm, Sweden** (10). Evaluation of a questionnaire for the estimation of physical load in epidemiologic studies: Study design. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 227-229.

C. Wiktorin (2), L Karlqvist (2), C-H Nygård (6), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Design and reliability of a questionnaire for estimation of physical load in epidemiologic studies. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 230-232.

M Dallner (8), F Gamberale (8), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Validation of a questionnaire for estimation of physical load in relation to a workplace diary. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 233-235.

C-H Nygård (6), L Karlqvist (2), E Wigaeus Hjelm (9), C Wiktorin (2), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Validity of self-reported occupational life-time physical activity. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 236-238.

E Wigaeus Hjelm (9), L Karlqvist (2), C-H Nygård (6), T Selin (2), C Wiktorin (2), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Validity of questions regarding physical activity and perceived exertion in occupational work. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 239-241.

- C Fransson (6), R Gloria (6), Å Kilbom (6), L Karlqvist (2), C-H Nygård (6), C Wiktorin (2), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Presentation and evaluation of a portable ergonomic observation method (PEO). In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 242-244.
- M Ericson (5), Å Kilbom (6), C Wiktorin (2), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Validity and reliability in estimation of trunk, arm and neck inclination by observation. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 245-247.
- K Selin (2), L Karlqvist (2), C Wiktorin (2), B Widholm (2), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Evaluation of two simple methods for estimation of variation in physical activity in epidemiologic studies. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 248-250.
- L Karlqvist (2), M Dallner (8), M Ericson (5), C Fransson (6), C-H Nygård (6), T Selin (2), E Wigaeus Hjälm (9), C Wiktorin (2), J Winkel (6) and the Stockholm-MUSIC I Study Group (1-10). Validity of questions estimating manual materials handling, working postures and movements. In: Y. Quéinnec & F. Daniellou (Eds.) Designing for Everyone. Proceedings of the Eleventh Congress of the International Ergonomics Association. Taylor & Francis (London), 1991, Vol. 1, pp 251-253.
- Winkel J, Jørgensen K, Ólafsdóttir H, Sejersted O, Sjøgaard G, Smolander J, Westgaard R. Criteria documents for the prevention of musculo-skeletal disorders: a proposal for assessment of exposure categories. Proceedings of the Nordic Work Environment Meeting, Nyborg, Denmark, 16-18 September, pp 43-45, 1991.
- Winkel J, Jørgensen K. Significance of temperature changes in vocational EMG. In: P A Anderson, D J Hobart, J V Danoff (Eds) Electromyographical kinesiology. Excerpta Medica, Amsterdam 1991, pp 15-18.
- Mathiassen S E, Winkel J. Contralateral coactivation in the shoulder-neck region. In: P A Anderson, D J Hobart, J V Danoff (Eds) Electromyographical kinesiology. Excerpta Medica, Amsterdam 1991, pp 123-126.
- Mathiassen S E, Winkel J. Recovery of MVC after low-level continuous intermittent isometric shoulder-neck exercise. Proceedings of 1st International Conference: "Neuromuscular system in exercise and sports". Kaunas, Lithuania, June 4-7, 1991, pp 24-25.

1992

Winkel J Dallner M, Ericson M, Fransson C, Karlqvist L, Nygård C-H, Selin K, Wigaeus Hjelm E, Wiktorin C and the Stockholm-MUSIC I Study Group. Evaluation of a questionnaire for

the estimation of physical load in epidemiologic studies. Book of Abstracts, International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders PREMUS, Arbete och Hälsa 1992:17, pp 343-345.

Winkel J, Westgaard RH. Relations between shoulder-neck work load and chronic disorders as a basis for occupational guidelines - an overview. Book of Abstracts, International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders PREMUS, Arbete och Hälsa 1992:17, pp 346-348.

Westgaard R, Winkel J. Relations between shoulder-neck work load and acute responses as a basis for occupational guidelines - an overview. Book of Abstracts, International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders PREMUS, Arbete och Hälsa 1992:17, pp 330-331.

Mathiassen S E, Winkel J. Pressure pain threshold in the shoulder region during and after assembly work. Book of Abstracts, International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders PREMUS, Arbete och Hälsa 1992:17, pp 193-195.

Attebrant M, Winkel J, Petersson N F, Mathiassen S E, Hansson J E. Evaluation of two hand controls regarding upper trapezius load. Book of Abstracts, International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders PREMUS, Arbete och Hälsa 1992:17, pp 31-33.

Mathiassen S E, Winkel J. Exposure variation analysis (EVA) - methodological considerations. Book of Abstracts, International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders PREMUS, Arbete och Hälsa 1992:17, pp 196-198.

Bao S, Winkel J, Mathiassen S E, Malmkvist A K, Parenmark G. EMG activity of the upper trapezius as a function of organization of assembly line work. 9th International Congress of ISEK (International Society of Electrophysiological Kinesiology). Florence, 28th June-2nd July 1992. Abstract Book, P 80.

Winkel J and the Stockholm-MUSIC I Study Group. Exposure assessment in epidemiologic studies - an overview. Low Back Pain, International Meeting, Aalborg, Denmark, June 28-July 1, 1992. Abstract Book, abstract no. 3.

Winkel J. Towards optimizing physical activity in working life - an overview. Low Back Pain, International Meeting, Aalborg, Denmark, June 28-July 1, 1992. Abstract Book, abstract no. 42.

Selin K, Wiktorin C, Karlqvist L, Winkel J and the Stockholm-MUSIC I Study Group. Trunk inclination during work. Low Back Pain, International Meeting, Aalborg, Denmark, June 28-July 1, 1992. Abstract Book, abstract no. 68.

Jørgensen K, Hansen, L, Lundager K, Winkel J. Human paravertebral muscles develop fatigue during 2 hours of constrained standing. Christensen S, Hultborn H, Jahnsen H (Eds) Abstract from XX Nordic Congress of Physiology & Pharmacology. University of Copenhagen, August 16-19, 1992. Acta Physiologica Scandinavica, vol 146, suppl. 608, 49.

1993

Winkel J, Jørgensen K, Ólafsdóttir H, Sejersted O M, Sjøgaard G, Smolander J, Westgaard R. Planning for criteria documents concerning physical work load: a proposal for assessment of exposure categories. Report to the Nordic Council of Ministers (project no. 42.03.02), 1993.

Winkel J, Mathiassen S E, Petersson N F. Can lean production enrich working life? A 2 page pamphlet in the series 'Briefly', National Institute of Occupational Health, Solna. 1993.

Winkel J, Westgaard R, Björkman T, Sundström L, Lepik A. Solving work related musculo-skeletal problems in a profitable way? Symposium at the International Industrial Ergonomics & Safety Conference '93. June 8-10, 1993, Copenhagen, Denmark. Conference Program, pp 15, 1993.

Mathiassen S E, Winkel J, Parenmark G, Malmkvist A-K. Effect of rest pause and work pace on shoulder-neck fatigue in assembly work. International Conference: Work & Health, Abstracts, pp 62-63, February 22-25, 1993, Copenhagen, Denmark.

Attebrant M, Winkel J, Pettersson N, Hansson J-E. Effects of occupational motor learning on muscle load and productivity. International Conference: Work & Health, Abstracts, pp 66-67, February 22-25, 1993, Copenhagen, Denmark.

Winkel J., Bao S., Mathiassen S. E. Malmkvist A.-K., Parenmark G. Production engineering and shoulder/neck load in assembly line work. International Conference: Work & Health, Abstracts, pp 72-73, February 22-25, 1993, Copenhagen, Denmark.

Bao S, Winkel J, Mathiassen S E, Malmkvist A-K, Parenmark G. Some effects of a "natural intervention on physical work load in assembly work. Nordiska Arbetsmiljömötet, Visby/Sweden (Arbetsmiljöinstitutet), pp 94, 1993.

1994

Winkel J , Mathiassen SE, Bao S, Liukkonen P, Parenmark G, Malmkvist A-K. A natural intervention in manufacturing industry: ergonomic and economic consequences. Proceedings of the 12th Triennial Congress of the International Ergonomics Association, Toronto, Canada, August 15-19, vol. 6, pp 38-40, 1994.

Winkel J, Balogh I, Byström J, Hansson G-Å, Larsson B, Ohlsson K, Tufvesson M-A. Strategies to assess biomechanical exposures in epidemiological studies. In: Grieco A, Molteni G, Occhipinti E, Piccoli B (Eds.) Book of short papers, Fourth International Scientific

Conference: Work with Display Units, University of Milan, Italy, October 2-5, vol. 2, F31-33, 1994.

Bao S, Winkel J, Mathiassen SE, Liukkonen P, Parenmark G, Malmkvist A-K. Ergonomic and economic evaluations of rationalization of assembly work. Proceedings of the 3th Pan-Pacific Conference on Occupational Ergonomics, Seoul, Korea, November 13-17, pp 510-514, 1994.

Winkel J, Mathiassen SE, Hägg GM (Eds.) EMG amplitude as an indicator of upper trapezius load - How do we calibrate? An invited Nordic Symposium, February 3, 1994. Abstract Book: Research Report 1994:1. National Institute of Occupational Health, Sweden.

Mathiassen SE, Bao S, Attebrant M, Winkel J. Calibration of trapezius EMG by reference contractions. In: Winkel J, Mathiassen SE & Hägg GM (Eds.) EMG amplitude as an indicator of upper trapezius load - How do we calibrate? An invited Nordic Symposium, February 3, 1994. Abstract Book: Research Report 1994:1, P 5. National Institute of Occupational Health, Sweden.

Bao S, Mathiassen SE, Winkel J, Björing G. Ergonomic implications of two normalization procedures for upper trapezius EMG. In: Winkel J, Mathiassen SE & Hägg GM (Eds.) EMG amplitude as an indicator of upper trapezius load - How do we calibrate? An invited Nordic Symposium, February 3, 1994. Abstract Book: Research Report 1994:1, P 12. National Institute of Occupational Health, Sweden.

Attebrant M, Mathiassen SE, Winkel J. Normalization of trapezius EMG by regression of ramp and test contractions. In: Winkel J, Mathiassen SE & Hägg GM (Eds.) EMG amplitude as an indicator of upper trapezius load - How do we calibrate? An invited Nordic Symposium, February 3, 1994. Abstract Book: Research Report 1994:1, P 13. National Institute of Occupational Health, Sweden.

1995

Winkel J, Balogh I, Hansson G-Å, Asterland P, Kellerman M, Byström J, Ohlsson K: "Assessment of mechanical exposures in ergonomic epidemiology: a research program and some preliminary data". In: "Work with Display Units '94", editors: A. Grieco, G. Molteni, E. Occhipinti, B. Piccoli. Elsevier Science B.V., Amsterdam, pp 167-172, 1995.

Winkel J, Westgaard R H. Current overview and future perspectives on occupational work loads in relation to production systems. Proceedings of the Summit Meeting on Human Engineering for Quality of Life. Osaka, Japan, February 6-7, pp 3-6, 1995.

Winkel J, Asterland P, Balogh I, Byström J, Granqvist L, Hansson G-Å, Isacsson S-O, Larsson B, Ohlsson K, Pålsson B, Strömborg U. A research program on assessment of mechanical exposure in epidemiologic studies. Proceedings, PREMUS September 1995, pp 280-282.

Östergren P-O, Balogh I, Ektor-Andersen J, Hanson B, Isacsson A, Isacsson S-O, Lindbladh E, Ranstam J, Winkel J, Ørbæk P. The "Malmö Shoulder-Neck study" - design and preliminary results from the baseline investigation. Proceedings, PREMUS September 1995, pp 84-86.

Hansen L, Jørgensen K, Winkel J. Biomechanical and microcirculatory reactions to walking and constrained standing work according to softness of shoe and floor. Proceedings, PREMUS September 1995, pp 357-359.

Attebrant M, Winkel J, Mathiassen S E. Forestry rationalization in Sweden. Implications for physical work load and musculoskeletal disorders. Proceedings, PREMUS September 1995, pp 205-207.

Mathiassen S E, Winkel J. Assessment of 'repetitive work'. Proceedings, PREMUS September 1995, pp 232-234.

Petersson N F, Winkel J, Mathiassen S E, Björing G. Validity of self-reported exposure to repetitive mail clerk work. Proceedings, PREMUS September 1995, pp 548-550.

Kilbom Å, Winkel J, Karlqvist L. Is physical load at work reduced with increased age? A pilot study. Proceedings, PREMUS September 1995, pp 60-62.

1996

Petersson N F, Winkel J, Björing G, Mathiassen S E. MTM as a predictor of muscle load. In: Koubek R J & Karwowski W (Eds.) Proceedings of the 5th International Conference on Human Aspects of Advanced Manufacturing: Agility & Hybrid Automation I, HAAMAH'96. August 1996, Maui, Hawaii, USA. IEA Press (Louisville, Kentucky, USA), pp 457-460.

Westgaard R H, Winkel J, 1996 "Ergonomic intervention research for improved musculoskeletal health: overview and appraisal". Research Report, Norwegian Research Council, 60 pp.

Winkel J, Engström T, Kadefors R, Mathiassen S E, Skerfving S. Co-operative for Optimization of industrial production systems regarding Productivity and Ergonomics (COPE). A Swedish industrial research program. Proceedings from the the Nordic Satellite Symposium under the auspices of ICOH '96: "Risk assessment for musculoskeletal disorders", Copenhagen, 13-14 September, 1996, pp 77-78.

Balogh I, Winkel J, Nordander C, Ohlsson K, Ørbæk P, Lindgren A, and the 'Malmö Shoulder-Neck Study Group'. Strategies for index formation regarding mechanical exposure on shoulder/neck in epidemiologic studies. Proceedings from the the Nordic Satellite Symposium under the auspices of ICOH '96: "Risk assessment for musculoskeletal disorders", Copenhagen, 13-14 September, 1996, pp 101-102.

Winkel J, Asterland P, Balogh I, Byström J, Granqvist L, Hansson G-Å, Isacsson S-O, Larsson B, Ohlsson K, Pålsson B, Strömborg U. Research program on assessment of mechanical exposure in epidemiologic studies. In: Schriftenreihe der Bundesanstalt für Arbeitsmedizin (Berlin), Tagungsbericht 10, pp 82-86, 1996.

Winkel J, Mathiassen S E, Hansson G-Å, Isacsson S-O, Malmö Shoulder-Neck Study Group, Change@Work. "Exposure assessment in ergonomic epidemiology and intervention studies". 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 40, 1996.

Östergren P-O, Balogh I, Ektor-Andersen J, Hanson B S, Isacsson A, Isacsson S-O, Ohlsson K, Winkel J, Malmö Shoulder-Neck Study Group. "Physical and psychosocial exposures: how separable are they in the studies of musculoskeletal disorders?" 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 141, 1996.

Petersson N F, Winkel J, Björing G, Mathiassen S E. "Method-Time-Measurements (MTM) as a predictor of muscle load". 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 102, 1996.

Mathiassen S E, Asterland P, Balogh I, Byström J, Hansson G-Å, Nordander C, Ohlsson K, Winkel J, the Malmö Shoulder-neck study Group. The precision of mechanical job exposure estimates based on samples of task exposure and task distribution. 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 140, 1996.

Nordander C, Byström J, Balogh I, Winkel J, Hansson G-Å, Ohlsson K, Malmö Shoulder-Neck Study Group. Validity of self-reported assessment of occupational rest allowance by a diary. 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 105, 1996.

Balogh I, Winkel J, Ohlsson K, Ørbæk P, Östergren P-O, Malmö Shoulder-Neck Study Group. Self-reported physical exposure in a population-based cohort according to gender, education and ethnicity. 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 141, 1996.

Attebrant M, Gellerstedt S, Mathiassen S E, Myhrman D, Petersson N F, Wikström B O, Winkel J. New ergonomic checklist for forestry machines - from research to application. 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. I, P 273, 1996.

Isacsson A, Ector-Andersen J, Hanson B S, Winkel J, Ørbæk P, Östergren P-O, Isacsson S-O, Malmö Shoulder-Neck Study Group. Natural course and one-year incidence of shoulder-neck complaints. The Malmö Shoulder-Neck Study. 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. I, P 99, 1996.

Ector-Andersen J, Ørbæk P, Isacsson S-O, Isacsson A, Ohlsson K, Östergren P-O, Winkel J, The Malmö Shoulder-Neck Study. The experience of complaints from the shoulder-neck as a function of the total body pain. 25th International Congress on Occupational health, Stockholm, 15-20 September 1996. Book of Abstracts, Vol. II, P 188, 1996.

Buckle, P, Drury C, Megaw T, Parsons K, Wilson J, Winkel J. Editorial. Applied Ergonomics, 69.70, 1996.

1997

Winkel J, Engström T, Forsman M, Hansson G-Å, Johansson Hanse J, Kadefors R, Laring J, Mathiassen S E, Medbo L, Ohlsson K, Petersson N F, Skerfving S, Sundin A. A Swedish industrial research program 'Co-operative for Optimization of industrial production systems regarding Productivity and Ergonomics' (COPE). Presentation of the program and the first case study. Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Tampere, Finland. Vol. 1, pp 130-132, 1997.

Mathiassen S E, Hansson G-Å, Balogh I, Byström J, Asterland P, Winkel J. Cost-effective sampling strategies and variance in ergonomic exposure assessment. Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Tampere, Finland. Vol. 4, pp 81-83, 1997.

Mathiassen S E, Winkel J. Ergonomic exposure assessment adapted to production system design. Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Tampere, Finland. Vol. 4, pp 195-197, 1997.

Wilson J, Parsons K, Buckle P, Megaw T, Drury C, Winkel J. Report on Applied Ergonomics for the year 1996. The Ergonomics Society. Forty-eighth Annual Report 1997, pp 18-19.

1998

Koskinen P T, Östergren PO, Hanson B S, Balogh I, Ørbæk P, Winkel J, Isacsson SO and Malmö Shoulder-Neck Study Group. The prevalence of psychosocial and mechanical risk factors for disease in the shoulder neck area. Results from Malmö shoulder-neck study. The fifth International Congress of Behavioral Medicine, Copenhagen, Denmark, 19-22 August, 1998.

Wikström B-O, Gellerstedt S, Almqvist R, Myhrman D, Attebrant M, Winkel J. Nordic ergonomic guidelines for forest machines. PREMUS-ISEOH '98, 3rd International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders, 13th International Symposium on Epidemiology in Occupational Health. Multidisciplinary Approach Against Occupational Health Problems, 21-25 September 1998, Helsinki, Finland, p 127.

Cyren H, Christmannson M, Engström T, Forsman M, Kadefors, R, Mathiassen S E, Winkel J. Task specific exposure information as a basis for production system design. PREMUS-

ISEOH '98, 3rd International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders, 13th International Symposium on Epidemiology in Occupational Health. Multidisciplinary Approach Against Occupational Health Problems, 21-25 September 1998, Helsinki, Finland, p 116.

Winkel J, Engström T, Kadefors R, Skerfving S. A Swedish Industrial Research Program 'Co-operative for Optimization of Industrial Production Systems Regarding Productivity and Ergonomics' (COPE). In: Proceedings of 7th Joint Science Symposium on Occupational Safety and Health, 26-29 October 1998, Hidden Valley, Pennsylvania, United States, p 73, 1998.

1999

Kihlberg S, Engström T, Mathiassen S E, Winkel J. "Cycle time variation" in an ergonomic and production efficiency context. Proceedings of the 15th International Conference on Production Research, Limerick, Ireland, 1999

Wilson J, Parsons K, Buckle P, Drury C, Megaw T, Winkel J. Applied ergonomics annual report to the Ergonomics Society, 1999.

Akselsson R, Hornyánszky Dalholm E, Johansson C R, Kihlberg S, Mathiassen S E, Odenrick P, Wikström T, Winkel J. A centre for research on people, technology and Change at Work ([Change@Work](#)). Proceedings of the International Conference on TQM and Human Factors - towards successful integration. Linköping, Sweden, Eds.: J Axelsson, B Bergman, J Eklund, vol 2, pp439-448, 1999.

Ohlsson K, Odenrick P, Johansson C R, Winkel J. A Participatory Change Process in a Sea Ferry Restaurant - with a focus on ergonomics and work organisation. Proceedings of the International Conference on TQM and Human Factors - towards successful integration. Linköping, Sweden, Eds.: J Axelsson, B Bergman, J Eklund, vol 2, 449-452, 1999.

Winkel J. Ergonomic programs and rationalisation. In: Wikströn B-O & Hägg G (Eds) Corporate initiatives in ergonomics. Arbete och Hälsa 1999:10, pp 1-3. National Institute for Working Life, Solna, Sweden, 1999.

2000

Kihlberg S, Flyckt K, Franzon H, Mathiassen SE, Medbo P, Winkel J. Representative video recordings for synchronized collection of ergonomic and production data in an assembly system. Proceedings of the IEA 2000/HFES 2000 Congress, San Diego, California, USA, vol. 5, pp 245-248, 2000.

Winkel J, Westgaard R. Ergonomic intervention research for improved musculoskeletal health. Single-session symposium abstract. Proceedings of the IEA 2000/HFES 2000 Congress, San Diego, California, USA, vol. 5, pp 489, 2000.

Westgaard R H, Winkel J. Ergonomic intervention studies for improved musculoskeletal health: a review of the literature and some implications for the practitioners. Proceedings of the IEA 2000/HFES 2000 Congress, San Diego, California, USA, vol. 5, pp 490-493, 2000.

Winkel J, Aronsson G. The new working life and ergonomic implications. Proceedings of the IEA 2000/HFES 2000 Congress, San Diego, California, USA, vol. 5, pp 494-496, 2000.

Mathiassen S E, Franzon H, Kihlberg S, Medbo P, Winkel J. Integrating production engineering and ergonomics in production system design. Proceedings of the IEA 2000/HFES 2000 Congress, San Diego, California, USA, vol. 5, pp 501-504, 2000.

Jørgensen K, Winkel J. SOUND: A research network in the Øresund region focusing on musculo-skeletal health. An instance of new research possibilities in the Øresund region. In: P Lundqvist & S Pinzke (Eds.) Proceedings from the Nordic Meeting on Agricultural Occupational Health (NMAOH), September 25-27. PP 61, 2000.

2001

Neumann W P, Kihlberg S, Medbo P, Winkel J. Integrate Ergonomics into Production System Design. 16th International Conference on Production Research. 30 July-3 August 2001, Prague, Czech Republic, 2001

Winkel J, Burdorf A. Workshop: Exposure profiles for practical use. In: Hagberg M, Knave B, Lillienberg L, Westberg H (Eds.) X2001 assessment in epidemiology and practice. Arbete och Hälsa 2001:10, p 447. conference Proceedings, Gothenburg June 2001.

Kihlberg S, Neuman P, Mathiassen S E, Medbo P, Winkel J. Production data used for ergonomic purposes: a case study from light electronic assembly work. Fourth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders (PREMUS), September 30-October 04, 2001, Amsterdam, The Netherlands. Abstract Book, p 12, 2001.

Wells R, Mathiassen S E, Medbo L, Winkel J. Time as a key issue for enhanced co-operation between engineering and ergonomics. Fourth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders (PREMUS), September 30-October 04, 2001, Amsterdam, The Netherlands. Abstract Book, p 238, 2001.

Winkel J, Åhsberg E, Mathiassen SE, Medbo L, Park JS. Efficiency and ergonomics in order picking - an experimental workshop study as a basis for industrial interventions. Fourth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders (PREMUS), September 30-October 04, 2001, Amsterdam, The Netherlands. Abstract Book, p 53, 2001.

Neumann W P, Kihlberg S, Medbo P, Winkel J. A case study of the ergonomic consequences of engineering decisions. Fourth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders (PREMUS), September 30-October 04, 2001, Amsterdam, The Netherlands. Abstract Book, p 68, 2001.

Hansson G-Å, Balogh I, Unge Byström J, Ohlsson K, Nordander C, Rylander L, Winkel J, Skerfving S, the Malmö Shoulder-Neck Study Group. Assessment of physical load: Questionnaire vs. Direct technical measurements. Fourth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders (PREMUS), September 30-October 04, 2001, Amsterdam, The Netherlands. Abstract Book, p 177, 2001.

Westgaard RH, Kazmierczak K, Winkel J. A life cycle perspective in ergonomic intervention: attempting to meet work environment challenges posed by recent trends in production system design. In: Work in the Global Village. An International Conference on Work Life in the 21st Century, Helsinki: Finland 15-17 October 2001. Abstracts p 57.

Kazmierczak K, Westgaard RH, Winkel J. Ergonomics of car disintegration in Sweden – present situation in the light of future demands. In: Work in the Global Village. An International Conference on Work Life in the 21st Century, Helsinki: Finland 15-17 October 2001. Abstracts p 64.

Winkel J, Westgaard R H. Ergonomic intervention research for musculoskeletal health - some future trends. In: Nygård C-H, Luopajarvi, Lusa S, Leppänen M (Eds.) Proceedings, Promotion of health through ergonomic working and living conditions. Outcome of methods of research and practice. Nordic Ergonomic Society, 33rd Annual Congress, University of Tampere, Finland, 2-5 September 2001, pp 28-32.

Winkel J, Westgaard R H. Production strategies and prevention programs. Proceedings, Manufacturing industry and Work Related Musculoskeletal Disorders: A workshop on ergonomics methods for improvement. Organised by University of Surrey and Universite de Paris XI, 5th /6th July 2001 at Surrey University.

Wilson J, Parsons K, Megaw T, Winkel J, Buckle P, Haslam R, Nichols S, Drury C. Note from the Editors. Applied Ergonomics 32 (2001) 305

2002

Winkel J, Forsman M, Kazmierczak K, Kjellberg A, Mathiassen S E, Neumann W P, Wells R P: An introduction to the symposium: Ergonomic intervention for occupational musculoskeletal health in manufacturing industry - trends, tools and processes. In: Caldenfors D, Eklund J, Kiviloog (Eds.): Human in a Complex Environment. Proceedings of the 34th Annual Congress of the Nordic Ergonomics Society, 1-3 October 2002, Kolmården, Sweden, vol. II, pp 833-836.

Wells R P, Mathiassen S E, Winkel J, Medbo L: Risk factors for musculoskeletal disorders in industry - a changing pattern? In: Caldenfors D, Eklund J, Kiviloog (Eds.): Human in a Complex Environment. Proceedings of the 34th Annual Congress of the Nordic Ergonomics Society, 1-3 October 2002, Kolmården, Sweden, vol. II, pp 811-816.

Mathiassen S E, Wells R P, Winkel J, Forsman M, Medbo L: Tools for integrated engineering and ergonomic assessment of time aspects in industrial production. In: Caldenfors D, Eklund J, Kiviloog (Eds.): Human in a Complex Environment. Proceedings of the 34th Annual Congress of the Nordic Ergonomics Society, 1-3 October 2002, Kolmården, Sweden, vol. II, pp 579-584.

Kazmierczak K, Westgaard R H, Winkel J: Car disintegration in Sweden – present and future production systems in terms of musculoskeletal health. In: Caldenfors D, Eklund J, Kiviloog (Eds.): Human in a Complex Environment. Proceedings of the 34th Annual Congress of the Nordic Ergonomics Society, 1-3 October 2002, Kolmården, Sweden, vol. II, pp 449-453.

Neumann W P, Forsman M, Kihlberg S, Mathiassen S E, Wells R P, Norman R W, Frazer M B, Cole D, Winkel J: Initiating an Ergonomics Process - Tips, Tricks and Traps. Commentary from Focus Groups and Case studies. In: Caldenfors D, Eklund J, Kiviloog (Eds.): Human in a Complex Environment. Proceedings of the 34th Annual Congress of the Nordic Ergonomics Society, 1-3 October 2002, Kolmården, Sweden, vol. II, pp 597-602.

Hägg G M, Palmerud G, Barnekow-Bergkvist M, Eklund J, Forslin J, Ivergård T, Johansson H, Kjellberg A, Melin B, Toomingas A, Wigaeus. Tornqvist E, Winkel J, Kemmlert K: Swedish Expert Group for Documentation in Ergonomics. In: Caldenfors D, Eklund J, Kiviloog (Eds.): Human in a Complex Environment. Proceedings of the 34th Annual Congress of the Nordic Ergonomics Society, 1-3 October 2002, Kolmården, Sweden, vol. I, pp 371-374.

2003

Winkel J, Beek A, Christensen H, Coury H G, Läubli T, Riihimäki H, Wells R P. An introduction to the mini-symposium:"State of the art regarding ergonomic intervention research for occupational musculoskeletal health. 27th ICOH Congress, Brazil, February 23-28, 2003.

Winkel J. Dynamic changes of modern production systems and difficulties in meeting the scientific demands in ergonomic intervention research. 27th ICOH Congress, Brazil, February 23-28, 2003.

Neumann WP, Kadefors R, Winkel J. Symposium Introduction: Corporate strategy, production system design, and musculoskeletal health. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Neumann W.P., Winkel J., Magneberg R., Mathiassen S.E., Forsman M., Chaikumarn M., Palmerud G., Medbo P., Medbo L. (2003) Ergonomics and productivity consequences in adopting a line-based production system. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Winkel J, Bark P, Engkvist I-L, Kazmierczak K, Mathiassen S E, Sperling L, Westgaard R. INTRODUCTION TO THE SYMPOSIUM: 'EFFICIENT RECYCLING AND GOOD WORK

ENVIRONMENT - a growing R&D issue'. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Kazmierczak K, Mathiassen SE, Forsman M, Winkel J. Present ergonomics conditions in car disassembly in Sweden. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Bark P, Winkel J, Sperling L, Kazmierczak K, Westgaard R H. Efficient recycling under good work conditions – a Proposal for a Research & Development program with priorities. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Christensen H , Winkel J, Mathiassen SE, Fallentin N. Management of work related musculoskeletal disorders at a company level: New tools and new approaches. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Mathiassen S E, Jarebrant C, Öjmertz B, Winkel J. Company-based tools for integrating ergonomics in the development of industrial production systems - a Swedish experience. IEA, Korea, August 2003, Proceedings, 4 pages, 2003

Neumann W.P., Ekman Phillips M., Winkel J. Case Study: Initiation of an Evidence Based Process for Joint Optimisation of Ergonomics and Productivity in Engine Assembly. 2003 ODAM conference proceedings, Achen, Germany (In Press).

Neumann P W, Ekman Philips M, Winkel J. Initiation of an Evidence Based Process for Joint Optimisation of Ergonomics and Productivity in Engine Assembly. In: H. Luczak and K. J. Zink (Editors), Proceedings of the Seventh International Symposium on Human Factors in Organizational Design and Management, Aachen, Germany, October 1-2, 2003. pp 741-46, 2003.

2004

Kazmierczak K, Winkel J, Mathiassen S E, Westgaard R H, Forsman M. Ergonomics in car disassembly industry on the edge of major transformations. In: (Eds.) Taisch M, Filos E, Garello P, Lewis K, Montorio M. "International IMS Forum 2004. Global Challenges in Manufacturing", Italien, Cernobbio, Part 2, pp 1408-1415. ISBN: 88-901168-9-7

Mathiassen S E, Jarebrant C, Öjmertz B, Winkel J. Economic Value Stream Mapping – an integrated rationalization tool considering ergonomics and productivity. Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Switzerland. Abstract Book Vol I, pp 269-270, 2004.

Palmerud G, Forsman M, Mathiassen S E, Neumann P, Winkel J. Postures and movements in line-based and parallel motor assembly systems. Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Switzerland. Abstract Book Vol II, pp 519-520, 2004.

Oxenburgh M, Neumann P, Winkel J. Integrating health costs within production economics. Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Switzerland. Abstract Book Vol II, pp 527-528, 2004.

Kazmierczak K, Winkel J, Mathiassen S E, Forsman M. Predicting mechanical exposures in future car disassembly systems. Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Switzerland. Abstract Book Vol II, pp 529-530, 2004.

Neumann W P, Winkel J. Workshop: Making ergonomic intervention research effective. Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Switzerland. Abstract Book Vol II, pp 629-630, 2004.

Jarebrant C, Mathiassen S E, Öjmertz B and Winkel J. Ergonomic Value Stream Mapping - an ergonomic complement to a rationalization tool. In: Bendix Olsen K, Teller O J (Ed.). Proceedings from Nordic Ergonomics. Society 36th Annual Conference, August 2004, Kolding, Denmark, pp 31 – 34, 2004.

2005

Neumann W P and Winkel J. Organisational design and the (dis)integration of human factors in production system development. 10th International Conference on Human Aspects of Advanced Manufacturing: Agility and Hybrid Automation - HAAMAH 2005, San Diego, USA. (8 pages)

Neumann W P, Winkel J. Symposium Introduction: “Integrating Ergonomics in Production System Design”. Proceedings: Nordic Ergonomics Society (NES) 37th Annual Conference, Oslo, Norway, 10-12 October, pp 239-243, 2005

Johansson Hanse J and Winkel J. Formation of work organisation indices as predictors of job satisfaction among forest machine operators. Proceedings: Nordic Ergonomics Society (NES) 37th Annual Conference, Oslo, Norway, 10-12 October, pp 244a-e, 2005

Forsman M, Kazmierczak K, Palmerud G, Carlzon C , Neumann P, Winkel J. Ergonomics and time consumption – a serial-flow system versus traditional craft-type car disassembly. Proceedings: Nordic Ergonomics Society (NES) 37th Annual Conference, Oslo, Norway, 10-12 October, pp 245-249, 2005

Gellerstedt et al (Eds.). Health and Performance in Mechanised Forest Operations. A handbook produced by ErgoWood, a project co-financed by the EUROPEAN COMMISSION Quality of Life and Management of Living Resources – QLK5-CT-2002-01190. 2005

Gellerstedt et al (Eds.). European ergonomic guidelines for forest machines. Produced by ErgoWood, a project co-financed by the EUROPEAN COMMISSION Quality of Life and Management of Living Resources – QLK5-CT-2002-01190. 2005

Neumann P, Winkel J: Ergonomics and effective production systems - moving from reactive to proactive development. National Institute for Working Life, Sweden. Info 2005:07.

Østensvik T, Cuchet E, Veierstedt K B, Vik T, Nilsen P, Lamiscarre J, Bigot M, Johansson Hanse J, Carlzon C, Winkel J. Work exposure and complaints in a sample of French and Norwegian forest machine operators – A comparative field study within the ErgoWood programme. The Swedish University of Agricultural Sciences Department of Forest Products and Markets Uppsala, ISSN: 1651-0704, Report No 26, 2005

2006

Kazmierczak K, Neumann P.W., Winkel J. Production ergonomics in present and future car disassembly. Proceedings of the International Ergonomics Association (IEA) Conference, July 2006, The Netherlands. Elsevier Ltd., 5 pages. 2006

Gellerstedt S and Winkel J. Health and Performance in Mechanised Forest Operations. Proceedings of the International Ergonomics Association (IEA) Conference, July 2006, The Netherlands. Elsevier Ltd., 5 pages. 2006

Neumann P and Winkel J. Who is Responsible for Human Factors in Engineering Design? The Case of Volvo Powertrain. Proceedings of Third CDEN/RCCI International Design Conference on Education, Innovation, and practice in Engineering Design, pp 82-88, July 2006, Toronto, 2006

Winkel J, Neumann P. Ergonomics and effective production systems – moving from reactive to proactive development. Conference: Intervention practices for concerted change in firms. Organised by: The French National Agency for the Improvement of Working Conditions (Anact) and EU. Lyon, France, 2006

2007

Johansson Hanse J and Winkel J. Work organisation: a literature review on concepts, constructs and measured operational definitions. XIIIth European Congress of Work and Organizational Psychology, May 9-12, p 15, 2007 p 15

2008

Rolander B, Jonker D, Balogh I, Sandsjö L, Winkel J, Ekberg K. Physical demands and reported illness among dentists - A longitudinal approach. Nordic Ergonomics Society (NES), Reykjavik, Iceland, August 11-13, P 79, 2008.

Jonker D, Rolander B, Balogh I, Sandsjö L, Ekberg K, Winkel J. Mechanical exposure levels and duration of value-adding versus non-value-adding tasks among general practice dentists in Sweden. Nordic Ergonomics Society (NES), Reykjavik, Iceland, August 11-13, P 80, 2008.

Winkel J, Westgaard R H. Risk factors of occupational MSDs and potential solutions: past, present and future. HESA, No.34, pp 3-7, 2008.

Winkel J, Westgaard R H. Facteurs de risques de TMS au travail et perspectives de solutions: passé, présent, avenir. HESA, No.34, pp 3-7, 2008.

Winsløw J H, Winkel J. Report from the Danish national dialogue meeting in Odense, May 14, 2008. In Laine M, Sinervo T, Winkel J (Eds.): Abstract Book of 2nd NOVO Symposium: Sustainable Nordic Health Care Systems, 3. - 4.12.2008 Espoo, Finland

Laine M, Sinervo T, Winkel J (Eds.): Abstract Book of 2nd NOVO Symposium: Sustainable Nordic Health Care Systems, 3. - 4.12.2008 Espoo, Finland

2009

Jonker D, Rolander B, Balogh I, Sandsjö L, Ekberg K, Winkel J. Mechanical exposure among general practice dentists in Sweden and possible implications of rationalisation. IEA, 2009. (4 pages)

Takala E-P, Pehkonen I, Forsman M, Hansson G-Å, Mathiassen SE, Neumann WP, Sjøgaard G, Veiersted KB, Westgaard R, Winkel J. Systematic evaluation of observational methods assessing biomechanical exposures at work. On the CD of the 17th world congress on ergonomics, IEA2009; Aug 9-14, 2009; Beijing, China: International Ergonomics Association; 4 pages

Takala EP, Pehkonen I, Forsman M, Hansson GÅ, Mathiassen SE, Neuman P, Sjøgaard G, Veiersted B, Westgaard R, Winkel J. Observational methods measuring physical exposures of musculoskeletal system at work. Nordic Council of Ministers. Final report on Projekt 411040 - 70107 (25 pp)

Veiersted KB, Takala EP, Pehkonen I, Forsman M, Hansson GA, Mathiassen SE, Neuman P, Sjøgaard G, Westgaard R, Winkel J. Systematic evaluation of observational methods assessing biomechanical exposures at work. In: Andersen TR, edit. NES 2009 - Nordic Ergonomics Society 41st Annual Conference; 22 - 24 June 2009; Elsinore, Denmark; p. 140.

Winkel J (Ed.). Abstract Book: "Sustainable Nordic Health Care Systems". 3rd NOVO Symposium, National Research Centre for the Working Environment. Copenhagen, Denmark. 59 pp. December 9 – 10, 2009. ISBN: 978-87-7904-207-0.

Westgaard R H, Winkel J. Occupational musculoskeletal and mental health: significance of rationalization and opportunities to create sustainable production systems in health care – a

systematic review. 3rd NOVO Symposium, Copenhagen, Denmark. Abstract Book, pp 33-37, 2009. ISBN: 978-87-7904-207-0.

Rolander B, Jonker D, Balogh I, Sandsjö L, Winkel J, Svensson E, Ekberg K. Rationalization in public dental care and its impact on working conditions, productivity and health of dentists – a prospective study. 3rd NOVO Symposium, Copenhagen, Denmark. Abstract Book, pp 46, 2009. ISBN: 978-87-7904-207-0.

Jonker D, Rolander B, Balogh I, Sandsjö L, Ekberg K, Winkel J. Rationalisation in public dental care and impact on biomechanical exposures for dentists - a prospective study. 3rd NOVO Symposium, Copenhagen, Denmark. Abstract Book, pp 47, 2009. ISBN: 978-87-7904-207-0.

Jarebrant C, Dudas K, Harlin U, Johansson Hanse J, Winkel J. A tool for considering job content in the development of production flow by value stream mapping at hospitals. 3rd NOVO Symposium, Copenhagen, Denmark. Abstract Book, pp 42, 2009. ISBN: 978-87-7904-207-0.

Edwards K, Dudas K, Hanse J J, Harlin U, Hegstad A, Holte K A, Jarebrant C, Laine M, Møller N, Sinervo T, Sjøvold E, Winkel J. Evaluation and development of an ergonomic complement to the Value Stream Mapping tool – a NOVO multicenter Study plan. 3rd NOVO Symposium, Copenhagen, Denmark. Abstract Book, pp 43, 2009. ISBN: 978-87-7904-207-0.

2010

Winkel J, Westgaard R H. Rationalization trends in working life: challenges and opportunities to create sustainable production systems (part I and II). Symposium at PREMUS 2010, Angers, France, Aug. 29-Sept. 2. Book of Abstracts. PP 132-33, 2010

Westgaard R H, Winkel J. Occupational musculoskeletal and mental health: significance of rationalization and opportunities to create sustainable production systems – a systematic review. PREMUS 2010, Angers, France, Aug. 29-Sept. 2. Book of Abstracts. P 134, 2010

Rolander B, Jonker D, Balogh I, Sandsjö L, Winkel J, Svensson E, Ekberg K. Impact on working conditions, productivity and health of dentists - a prospective study during rationalizations in public dental care. PREMUS 2010, Angers, France, Aug. 29-Sept. 2. Book of Abstracts. P 137, 2010

Jonker D, Rolander B, Balogh I, Sandsjö L, Ekberg K, Winkel J. Rationalization in public dental care and impact on biomechanical exposures for dentists - a prospective study. PREMUS 2010, Angers, France, Aug. 29-Sept. 2. Book of Abstracts. P 138, 2010

Forsman M., Palmerud G., Neumann W.P. and Winkel J. Rationalization as a determinant of mechanical exposure - case studies of parallel and serial flow production in two auto

branches at different levels of industrialization. PREMUS 2010, Angers, France, Aug. 29-Sept. 2. Book of Abstracts. P 140, 2010

Jarebrant C, Dudas K, Harlin U, Johansson Hanse J, Winkel J. A tool for development of sustainable health care systems by integrating considerations for performance and job content. PREMUS 2010, Angers, France, Aug. 29-Sept. 2. Book of Abstracts. P 141, 2010

2011

Forsman M., Palmerud G., Neumann W.P. and Winkel J. Rationalization as a Determinant of Mechanical Exposure and Health. In: Targoutzidis et al (Eds): Proceedings of the 2nd Rower Conference on Occupational Health and Safety Economics. Romania, pp 25-26, April 27-30, 2011

Winkel J, Edwards K, Gunnarsdóttir S, Jarebrant C, Westgaard R H. A Nordic work environment complement to Value Stream Mapping for sustainable patient flows at hospitals – A NOVO Multicenter study. Abstract at the Nordic Workshop: 'Nordiske perspektiver på arbejdsmiljø', at the National Research Centre for the Working Environment, Copenhagen, Denmark. November 21-22, 2011

2012

Forsman M, Neumann WP, Palmerud G, and Winkel J. Simulating the effects of efficiency improvement efforts on mechanical exposure. NES2012: "Ergonomics for Sustainability and Growth". Book of abstracts. Editors: A-B Antonsson, K Vogel, G M Hägg. P 162. ISBN 978-91-637-1149-7. Published by: KTH Royal Institute of Technology, School of Technology and Health, Division of Ergonomics, Stockholm, Sweden

Brännmark M, Langstrand J, Johansson S, Halvarsson A, Abrahamsson L, Winkel J. Researching Lean: Methodological implications of loose definitions. 15th QMOD conference on Quality and Service Sciences ICQSS 2012, September 5-7, 2012. Poznan, Poland. Proceedings, pp 242-53.

Winkel J, Birgisdóttir B D, Dudas K, Edwards K, Gunnarsdóttir S, Jarebrant C, Johansson Hanse J. A Nordic work environment complement to Value Stream Mapping (VSM) for sustainable patient flows at hospitals – A NOVO Multicenter study. 6th NOVO Symposium: Sustainable Health Care: Continuous Improvement of Processes and Systems. Karolinska Institute, Stockholm Sweden. November 15-16, 2012, pp 57-58. ISBN: 978-91-637-2380-3

Edwards K, Winkel J. Previous experiences of Value Stream Mapping (VSM) at the hospital units included in the Danish part of the NOVO Multicenter Study. 6th NOVO Symposium:

Sustainable Health Care: Continuous Improvement of Processes and Systems. Karolinska Institute, Stockholm Sweden. November 15-16, 2012, pp 61. ISBN: 978-91-637-2380-3

Jarebrant C, Dudas K, Harlin U, Johansson Hanse J, Winkel J. Previous experiences of Value Stream Mapping (VSM) at the hospital units included in the Swedish part of the NOVO Multicenter Study. 6th NOVO Symposium: Sustainable Health Care: Continuous Improvement of Processes and Systems. Karolinska Institute, Stockholm Sweden. November 15-16, 2012, pp 62. ISBN: 978-91-637-2380-3

2013

Jarebrant C, Dudas K, Johansson Hanse J, Harlin U, Winkel J. ERGONOVA Workbook. Ergonomic Value Stream Mapping in Health Care. Swerea/IVF report 10/17, 51 pages, 2013

Winkel J, Birgisdóttir B D, Dudas K, Edwards K, Gunnarsdóttir S, Harlin U, Jarebrant C, Johansson Hanse J. Introduction of Lean/Value Stream Mapping at hospital units in three Nordic countries and expected impact on the working environment - A Nordic Multicenter study. The HELIX Conference 2013: Innovative Practices in Work, Organisation and Regional Development - Problems and Prospects. June 12-14, 2013. Linköping, Sweden.

Winkel J, Dudas K, Harlin U, Jarebrant C, Johansson Hanse J. Ergonomic Value stream Mapping (ErgoVSM) – potential for integrating work environment issues in a Lean rationalization process at two Swedish Hospitals. 7th NOVO Symposium: Sustainable Health Care – Innovative Health Care Organizations. Finnish Institute of Occupational Health, Helsinki, Finland. November 25-26, 2013, p 12. ISBN 978-952-302-058-0 (printed), ISBN 978-952-302-059-7(online publication), ISSN 2323-363X (online publication) ISBN/DOI

Edwards K, Winkel J. Ergonomic Value stream Mapping (ErgoVSM) – potential for integrating work environment issues in a Lean rationalization process at a Danish hospital. 7th NOVO Symposium: Sustainable Health Care – Innovative Health Care Organizations. Finnish Institute of Occupational Health, Helsinki, Finland. November 25-26, 2013, p13. ISBN 978-952-302-058-0 (printed), ISBN 978-952-302-059-7(online publication), ISSN 2323-363X (online publication) ISBN/DOI

2014

Jarebrant C, Birgisdóttir B D, Dudas K, Edwards K, Gunnarsdóttir S, Harlin U, Johansson Hanse J, Winkel J. Development of a tool for integrating Value Stream Mapping and ergonomics in healthcare - A Nordic Multicenter study. The 7th Nordic Working Life Conference: “Threats and Possibilities Facing Nordic Working Life”, PP 123-124. University of Gothenburg, Sweden, June 11-13 2014. Book of Abstracts, ISBN 978-91-981195-5-8, URI <http://hdl.handle.net/2077/35379>.

Neumann W.P., Forsman M., Winkel J. (2014) Simulating the Mechanism by Which Lean Increases Injury Risk for Operators. Industrial and Systems Engineering Research Sessions (ISERC 2014) at the IIE annual Conference, Montreal, June 1-3

Winkel J, Birgisdóttir B D, Dudas K, Edwards K, Gunnarsdóttir S, Harlin U, Jarebrant C, Johansson Hanse J. (2014). Factors facilitating and inhibiting Value Stream Mapping processes at hospital units in three Nordic countries - A Nordic Multicenter study. In: O. Broberg, N. Fallentin, P. Hasle, P.L. Jensen, A. Kabel, M.E. Larsen, T. Weller (Editors). 11th International Symposium on Human Factors in Organisational Design and Management 46th Annual Nordic Ergonomics Society Conference. Copenhagen, Denmark. ISBN 978-87-93130-13-5, Vol. 1, Chap. 6, 127-128

Edwards K, Birgisdóttir Dröfn B, Gunnarsdóttir S, Harlin U, Jarebrant C, Ulin K, Johansson Hanse J, Winkel J. Using Chronicle Workshop to quantify impact of context in case studies. In: Kasper Edwards & Jørgen Winkel (Eds.) Abstract book, The 8th Novo symposium: Sustainable Health Care Production Systems, Copenhagen, November 6 - 7, 2014, Technical University of Denmark. P 22. DOI: 10.11581/DTU:00000008

Winkel J., Birgisdóttir Dröfn B, Edwards K, Gunnarsdóttir S, Harlin U, Jarebrant C, Johansson Hanse J, Ulin K. May sustainability of patient flows at hospitals be increased by adding a work environment module to Value Stream Mapping (VSM)? - A NOVO Multicenter study in Denmark, Iceland and Sweden. In: Kasper Edwards & Jørgen Winkel (Eds.) Abstract book, The 8th Novo symposium: Sustainable Health Care Production Systems, Copenhagen, November 6 - 7, 2014, Technical University of Denmark. PP 23-24. DOI: 10.11581/DTU:00000008

Gunnarsdóttir S, Birgisdóttir Dröfn B, , Edwards K, Harlin U, Jarebrant C, Ulin K, Johansson Hanse J, Winkel J. Comparison of Servant Leadership (SL) at hospital wards in Denmark, Iceland and Sweden: A NOVO Multicenter study. In: Kasper Edwards & Jørgen Winkel (Eds.) Abstract book, The 8th Novo symposium: Sustainable Health Care Production Systems, Copenhagen, November 6 - 7, 2014, Technical University of Denmark. PP 35-36. DOI: 10.11581/DTU:00000008

Gunnarsdóttir S, Birgisdóttir Dröfn B, Edwards K, Harlin U, Jarebrant C, Ulin K, Johansson Hanse J, Winkel J. Facilitation of Value Stream Mapping (VSM) processes: significance of first line hospital manager participation and staff perception of servant leadership. In: Kasper Edwards & Jørgen Winkel (Eds.) Abstract book, The 8th Novo symposium: Sustainable Health Care Production Systems, Copenhagen, November 6 - 7, 2014, Technical University of Denmark. PP 37-38. DOI: 10.11581/DTU:00000008

Birgisdóttir Dröfn B, Edwards K, Gunnarsdóttir S, Harlin U, Jarebrant C, Ulin K, Johansson Hanse J, Winkel J. Significance of Servant Leadership for creativity in change processes when using the Lean tool Value Stream Mapping (VSM). In: Kasper Edwards & Jørgen Winkel (Eds.) Abstract book, The 8th Novo symposium: Sustainable Health Care Production Systems, Copenhagen, November 6 - 7, 2014, Technical University of Denmark. P 42. DOI: 10.11581/DTU:00000008

2015

Winkel J, Edwards K, Birgisdóttir B D, Jarebrant C, Johansson Hanse J, Gunnarsdóttir S, Harlin U, Ulin K. A Nordic evaluation of a work environment complement to Value Stream Mapping for increased sustainability of patient flows at hospitals - The NOVO Multicentre Study I. In: André B, Heldal F, Edwards K. (Eds.) Abstract book, The 9th Novo symposium: Quality in Health Care, Trondheim, November 12 - 13, 2015, pp 33-35. DOI: 10.11581/DTU:00000012.

2016

Edwards K, Winkel J. Some key issues in the development of ergonomic intervention tools. In: Järvelin-Pasanen (Ed.) Proceedings of the 48th annual conference of Nordic Ergonomics and Human Factors Society (NES) "NES2016 - Ergonomics in Theory and practice". Kuopio, Finland, August 14-17, 2016, pp 175-178.

Edwards K, Winkel J. Accounting for effect modifiers in ergonomic intervention research. In: Järvelin-Pasanen (Ed.) Proceedings of the 48th annual conference of Nordic Ergonomics and Human Factors Society (NES) "NES2016 - Ergonomics in Theory and practice". Kuopio, Finland, August 14-17, 2016, pp 191-195.

Jarebrant C, Johansson Hanse, Ulin K, Winkel J, Edwards K, Birgisdóttir B Dröfn, Gunnarsdóttir S. Ergonomic Value Stream Mapping (ErgoVSM). Tool and User Guide. Nordic Council of Ministers, ANP 2016:731, 36 pp., ISBN 978-92-893-4572-9 (PRINT), ISBN 978-92-893-4573-6 (PDF), 2016.

Winkel J, Edwards K, Jarebrant C, Birgisdóttir B D, Johansson Hanse J, Gunnarsdóttir S, Harlin U, Ulin K. Effect modifiers in intervention research at hospitals in three Nordic countries. In: (Eds.) S Gunnarsdóttir, H Bragadóttir, K Tómasson. Abstract book of the 10th NOVO symposium, Reykjavík, 10 – 11 November, 2016, p. 33. DOI: 10.11581/DTU:00000014

Edwards K, Winkel J. A method for Effect Modifier Assessment in ergonomic intervention research – The EMA method. In: (Eds.) S Gunnarsdóttir, H Bragadóttir, K Tómasson. Abstract book of the 10th NOVO symposium, Reykjavík, 10 – 11 November, 2016, p. 14. DOI: 10.11581/DTU:00000014

2017

Winkel J, Schiller B, Dellve L, Edwards K, Neumann W P, Öhrling T, Westgaard R H. Scientific evidence suggests a changed approach in ergonomic intervention research. The Nordic Ergonomics and Human Factors Society (NES), Lund, 20-23 August 2017, Conference Proceedings, "Joy at Work", Eds.: A-L Osvalder, M Blomé & H Bodnar, pp 430-36. ISBN 978-91-7753-152-4.

Edwards K, Winkel J. A method for Effect Modifier Assessment in intervention research – The EMA method. European Association of Work and Organizational Psychology, May 17-20, 2017, Dublin, Ireland.

Winkel J, Edwards K, Dellve L, Schiller B, Westgaard R H. The NOVO Network: the original scientific basis for its establishment and our R&D vision. In: (Eds.) L. Dellve, E. Wikström, L. Björk, M. Wolmesjö, S. Larsson Fällmanand. Abstract book of the 11th NOVO symposium, Gothenburg, 9-10 November, 2017, p. 35. ISBN: 978-91-87876-17-2. Published by Gothenburg University.

Schiller B, Winkel J, Edwards K, Dellve L, Westgaard R H. “The Nordic model”: historical origins and its significance for the work place dialogue towards increased organizational sustainability. In: (Eds.) L. Dellve, E. Wikström, L. Björk, M. Wolmesjö, S. Larsson Fällmanand. Abstract book of the 11th NOVO symposium, Gothenburg, 9-10 November, 2017, p. 28. ISBN: 978-91-87876-17-2. Published by Gothenburg University.

2018

Edwards K & Winkel J. Effect Modifier Assessment in intervention research by the EMA method - a variant of Chronicle Workshop. Contribution to the session: “Chronicle Workshop in intervention and evaluation research and practice”. 20th Congress of the International Ergonomics Association (IEA) 2018.

Winkel J, Edwards K, Jarebrant C, Dröfn Birgisdóttir B, Johansson Hanse J, Harlin U, Ulin K, Gunnarsdóttir S. Value Stream Mapping in healthcare: ergonomic implications and the significance of adding an ergonomic module - The NOVO Multicentre Study I. In: (Eds.) T Vehko, M Laine, T Sinervo. Proceedings of the 12th NOVO symposium. Helsinki, 15-16 November 2018, pp 20-21. ISBN 978-952-343-194-2 (printed); 978-952-343-195-9 (online publication); ISSN 2323-363X (online publication). <http://urn.fi/URN:ISBN:978-952-343-195-9>. Published by the National Institute for Health and Welfare, Finland.

Submitted/accepted:

NON-PEER-REVIEWED PAPERS IN THE NORDIC LANGUAGES (Technical reports, educational material/compendiums, proceedings, etc.)

1978

Winkel J. Benbesvär vid långvarigt stillasittande. I: Jonsson B, Andersson G, Winkel J, Engdal S, Hedberg G: Sittande arbetsställningar. UTBILDNING 1978:12, Arbetarskyddsstyrelsen, pp 72-78, 1978 (Slightly revised version 1983, see E27)

Winkel J. Arbetsvetenskaplig utbildning på Högskolan i Luleå. I: Arvedson L (Ed), Arbetsvetenskap för teknologer. Några uppsatser om förändringar under en femårsperiod. UHÄ-rapport 1978:10 (ISSN 0347-1330), pp 63-67, 1978.

Winkel J. Kompendium i ergonomi: Tillämpad arbetsfysiologi. Inst. för Arbetsvetenskap, Högskolan i Luleå, 49 pp, 1978.

Winkel J. Sjukgymnasten behöver ergonomisk utbildning för att kunna lösa arbetsmiljöproblem. Tidskriften Arbetsmiljö, nr 11, pp 32-33, 1978.

Winkel J. Sjukgymnasten i framtidens miljöarbete. Tidskriften SJUKGYMNASTEN, no. 10, pp 19-20, 1978.

Winkel J. Ergonomi: I grunduddannelse og/eller som speciale? Tidskriften DANSKE FYSIOTERAPEUTER, no. 15, pp 30-31, 1978.

1979

Winkel J, Ekblom B. Lokalvårdarnas arbetsmiljö: Fysiska belastningar vid moppning och svabbing. TEKNISK RAPPORT 1979:40 T (ISSN 0349-3571). Högskolan i Luleå, 1979.

1980

Winkel J, Ekblom B, Tillberg B. Fysiska belastningar på kabinpersonal vid trafikflygning. Forskningsrapport TULEA 1980:23 (ISSN 0347-0881). Högskolan i Luleå, 1980.

Winkel J, Ekblom B, Hagberg M, Jonsson B. Fysiska belastningar vid moppning och svabbing. UTBILDNING 1980:3, Arbetarskyddsstyrelsen, pp 47-49, 1980.

1981

Winkel J. Benbesvär vid långvarigt stillasittande arbete och betydelsen av fysisk omväxling - en pilotstudie. Arbetarskyddsfondens sammanfattningar nr 347, 4 P, 1981.

Winkel J. Bättre arbetsmiljö för kranförare. Tidskriften TEKNIK I NORR, no. 2, p 3, 1981.

Winkel J. Forskningsbetänkandet: Små möjligheter för löntagarna att påverka externa forskningen. Veckobladet LuHs-läsning; personaltidning vid LuH, Högskolan i Luleå, no. 10, pp 5-6, 1981.

Winkel J. Lyckat att yrkesanknyta ergonomin. Veckobladet LuHs-läsning; personaltidning vid LuH, Högskolan i Luleå, no. 16, pp 6-8, 1981.

Winkel J. Sittandets problem. Tidskriften LOKMANNEN; organ för svenska lokmannaförbundet, no. 7, pp 10-11, 1981.

1982

Winkel J, Ekblom B. En ergonomisk utvärdering av fotbesvär bland serveringspersonal. Forskningsrapport TULEA 1982:26 (ISSN 0347-0881). Högskolan i Luleå, 1982.

Gard G, Viklund H, Winkel J. Krankopplarnas arbetsmiljö: En enkätstudie. TEKNISK RAPPORT 1982:058 T (ISSN 0349-3571). Högskolan i Luleå, 1982.

Eriksson LO, Winkel J. Bildband i praktisk ergonomi för djurskörate. Arbetarskydds-fondens sammanfattningar nr 529, 2 P, 1982.

Eriksson LO, Winkel J. Texthäfte till bildbandet: Praktisk ergonomi för djurskötare. TEKNISK RAPPORT 1982:35 T (ISSN 0349-3571). Högskolan i Luleå, 1982.

Winkel J, Ekblom B, Gard G. Lab-PM i arbetsfysiologi - *textdel*. Inst. för Arbetsvetenskap, Högskolan i Luleå, 30 pp, 1982.

Winkel J, Ekblom B, Gard G. Lab-PM i arbetsfysiologi - *rapportdel*. Inst. för Arbetsvetenskap, Högskolan i Luleå, 37 pp, 1982.

1984

Gard G, Lewin T, Winkel J. Krankopplarnas arbetsmiljö: Medicinsk undersökning av krankopplare med besvär från rörelseorganen. TEKNISK RAPPORT 1984:20 T (ISSN 0349-3571). Högskolan i Luleå, 1984.

Winkel J, Gard G. Krankopplarnas arbetsmiljö: Kartläggning av fysiska belastningar och förslag till åtgärder. TEKNISK RAPPORT 1984:21 T (ISSN 0349-3571). Högskolan i Luleå, 1984.

Winkel J. Fysiska belastningar vid mikroskoparbete: Kartläggning och åtgärder. TEKNISK RAPPORT 1984:60 T (ISSN 0349-3571). Högskolan i Luleå, 1984.

Winkel J. Ergonomisk utvärdering av prototypytt för fordonsmonterade kranar. TEKNISK RAPPORT 1984:61 T (ISSN 0349-3571). Högskolan i Luleå, 1984.

Ekblom B, Winkel J. Fysiska belastningar på tandtekniker: Kartläggning och åtgärdsförslag. TEKNISK RAPPORT 1984:62 T (ISSN 0349-3571). Högskolan i Luleå, 1984.

Winkel J, Bendix T. Ergonomiska studier av kontorsstolar med vippande och fixerad sits. Arbetarskyddsfondens sammanfattningar, nr 687, 4 P, 1984.

Winkel J. Benbesvär vid långvarigt stillasittande. I: Jonsson B, Andersson G, Winkel J, Engdal S, Hedberg G: Sittande arbetsställningar. UTBILDNING 1984:6, Arbetarskyddsstyrelsen, pp 72-81, 1984 (Updated version of E1).

Winkel J., Bendix T. Ergonomiska studier av kontorsstolar med vippande och fixerad sits. Tidskriften ERGONOMEN, vol. 3, pp 8-11, 1984.

1985

Winkel J, Gard G, Pettersson D, Åkerlund E. Fordonshytt för sophantering och varudistribution. TEKNISK RAPPORT 1985:13 T (ISSN 0349-3571). Högskolan i Luleå, 1985.

Fallentin N, Winkel J. Installationselektrikers arbetsmiljö i kallt klimat. Delrapport 3: Muskuloskeletala belastningssjukdomar - kombinationseffekter av lokal muskelbelastning och köldexposition. En litteraturstudie. TEKNISK RAPPORT 1985:21 T (ISSN 0349-3571). Högskolan i Luleå, 1985.

Bendix T., Winkel J. Vem förstår avsikten med vippstolen? Tidskriften ERGONOMEN, no. 1, pp 8-10, 1985.

1986

Boije P, Eklund J, Jonsson B, Winkel J. Stillasittande repetitivt arbete med lätta detaljer. I: Forsknings- och Utvecklingsbehov för olika typarbeten. Seminarium 13-14 maj 1985. Arbetarskyddsfonden, K1/86, pp 5-6, 1986.

Winkel J. Fotsvullnad under långvarigt stillasittande arbete och betydelsen av benaktivitet. Tidskriften Nordisk Ergonomi i Forskning och Praksis, no 1, pp 26-27, 1986.

Winkel J. Behöver vi nedre gränsvärden för fysiska belastningar? Proceedings of the 43th Congress of the Swedish Medical Society (Svenska Läkaresällskapets Riksstämma), 3-5 december, 1986, Stockholm, p 124, no. 64.

1987

Wennberg A, Oxenburgh M, Voss M, Winkel J. Vakenhet och prestation vid olika typer av bildskärmsarbete. Proceedings of the 36th Nordic Working Environment Meeting, 25-27 August, 1987, Reykjavik, Iceland, pp 236-237.

Winkel J. Rationaliseringar förstör effekterna av god ergonomi. Tidningen Statshälsan, nr. 2, pp 12-18, 1987.

1988

Winkel J. Fysisk prestationsförmåga och jämställdhet. In: E. Karlsson, N. Lindgren & E. Winkel (eds.), Kvinnor i monotont arbete. Regeringskansliets offset-tryckeri. JÄMFO, Rapport nr. 12, pp 17-25, 1988.

Winkel J. Ergonomisk utformning av förarstolar för pilot och co-pilot i fpl SAAB SF 340. 9 P, 1988. (Consulting. Confidential).

1989

Winkel J, Kilbom Å (eds.). Fysisk belastning och tidsaspekter på arbetsorganisation vid repetitivt och monotont arbete. Investigation report 1989:21, National Institute of Occupational Health, Sweden, 1989.

Mathiassen S E, Winkel J. Mätning av belastningsexponering i stillasittande repetitivt arbete. In: Winkel J, Kilbom Å (eds.). Fysisk belastning och tidsaspekter på arbetsorganisation vid repetitivt och monotont arbete. Investigation report 1989:21, National Institute of Occupational Health, Sweden, 1989.

Winkel J, Mathiassen S E. Om tidsgränser för långvarigt stillasittande arbete med lätta detaljer. In: Winkel J, Kilbom Å (eds.). Fysisk belastning och tidsaspekter på arbetsorganisation vid repetitivt och monotont arbete. Investigation report 1989:21, National Institute of Occupational Health, Sweden, 1989.

Winkel J. Optimering av fysisk aktivitet vid dataterminalarbete - ett interventionsprojekt. Arbetsmiljöfondens sammanfattningar nr. 1278, 1989. 7 P.

Mathiassen S E, Winkel J. Unilateralt armarbete ger kontralateral muskelaktivitet i skuldranacke. Svenska Läkaresällskapets Handlingar, Hygiea, Band 98, Häfte 5, p 315, 1989.

Fransson C, Winkel J. Verktyg för händer: Greppstyrka och handtagsutformning hos skänkelverktyg. Svenska Läkaresällskapets Handlingar, Hygiea, Band 98, Häfte 5, p 115, 1989.

Winkel J. Mathiassen S. E. Hur förbättras de belastningsergonomiska insatserna rörande stillasittande, repetitivt arbete? UTBILDNING 1989:4, National Institute of Occupational Health, Sweden. pp 14-15, 1989.

Mathiassen S. E., Winkel J. Mätning av belastningsexponering i stillasittande, repetitivt arbete. UTBILDNING 1989:4, National Institute of Occupational Health, Sweden. pp 10-11, 1989.

1990

Kilbom Å, Gamberale F, Hagberg M, Hansson J-E, Hogstedt C, Jonsson B, Knave B, Kolmodin-Hedman B, Westlander G, Winkel J. Arbetsrelaterade belastningssjukdomar. Förebyggande aktiviteter vid Arbetsmiljöinstitutet under 90-talet. Arbetsmiljöinstitutet, Solna, 21 PP, 1990.

Fransson C, Winkel J. Greppstyrka och handtagsutformning hos skänkelverktyg. Ergonytt, no. 1, 33-37, 1990.

Søgaard K, Winkel J, Sejersted O, Nygård C-H, Medbø J, Sjøgaard G. Nordiske databaser for arbejdsfysiologiske målinger og registreringer. Rapport om nordisk projekt nr. 425507. 14 P, 1990.

Mathiassen S E, Winkel J. Långvarigt, stillasittande och repetitivt arbete med lätta detaljer. Belastningsergonomiskt bidrag till underlag för rekommendationer. In: Belastningsskador i arbetslivet. Forskningskonferens, Mariehamn, Finland, November 21-23, 1990. Proceedings. (13 pp).

Winkel J. Bildskärmsarbete på 90-talet. Hur ska en arbetsplats se ut? I: Sammanfattningar av föredrag från Arbetsmiljöinstitutets temadag den 26 april 1990.

Winkel J. Vår kropp kräver fysisk variation. In: UTBILDNING 1990:5, pp 44-45, National Institute of Occupational health, Solna.

Winkel J, Grönkvist L (Eds.) Kan belastningsproblem lösas lönsamt? KALLA FAKTA, National Institute of Occupational Health, 1990, 69 pp.

Winkel J. Vår kropp behöver fysisk variation. In: Winkel J, Grönkvist L (Eds.) Kan belastningsproblem lösas lönsamt? KALLA FAKTA, National Institute of Occupational Health, 1990, pp 17-26.

Winkel J. En lösning som ligger i tiden. In: Winkel J, Grönkvist L (Eds.) Kan belastningsproblem lösas lönsamt? KALLA FAKTA, National Institute of Occupational Health, 1990, pp 67-69.

Hägg G, Kilbom Å, Winkel J. Lokala belastningar på rörelseapparaten. In: Arbetsfysiologi, Almqvist & Wiksell, 1990, kap. 14, pp 123-135.

1991

Winkel J. Varför ökar belastningsbesvären? Tidskriften ARBETE, MÄNNISKA, MILJÖ, 1991, nr. 1, 28-35.

J Winkel (6), M Dallner (8), M Ericson (11), C Fransson (6), L Karlqvist (2), C-H Nygård (6), K Selin (2), E Wigaeus Hjelm (9), C Wiktorin (2) och Stockholm-MUSIC I Study Group (1-10). • Karolinska Sjukhuset och Institutet; Inst. för (1) Epidemiologi/IMM, (2) Yrkesmedicin, (3) Ortopedi, (4) Reumatologi, (5) Rehabilitering och Fysikalisk Medicin. • Arbetsmiljöinstitutet; Enheten för (6) Tillämpad Arbetsfysiologi, (7) Yrkesmedicin, (8) Psykofysiologi, (9) Arbets- och Miljöfysiologi. • Statens Institut för Psykosocial Miljömedicin (10). • Kungliga Tekniska Högskolan i Stockholm; (11) Inst. för Arbetsvetenskap. Fysisk exponering i Stockholmsundersökningen 1. Grunddata från frågeformulärs- och dagboksmätningar. MUSIC Books, Stockholm, 1991.

- Winkel J. Fysisk exponering i arbete och under fritid i Stockholmsundersökningen 1. Exponeringsgruppens arbete och sammanfattning. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 29-31.
- Winkel J, Nygård C-H, Wiktorin C, Karlqvist L och Stockholm MUSIC 1 Study Group. Exponeringsmetoder i epidemiologiska studier - en översikt. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 32-36.
- Winkel J, Karlqvist L, Wiktorin C, Nygård C-H, Ericson M och Stockholm MUSIC 1 Study Group. Studiedesign och studiegrupper för exponeringsmätningar i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 37-41.
- Wiktorin C, Wigaeus Hjelm E, Karlqvist L, Nygård C-H,, Winkel J och Stockholm MUSIC 1 Study Group. Exponering i arbete och under fritid enligt enkät och intervju i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 42-77.
- Dallner M, Gamberale F, Wiktorin C, Karlqvist L, Winkel J och Stockholm MUSIC 1 Study Group. Exponeringsskattningar i arbete registrerat med dagbok i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 78-87.
- Wigaeus Hjelm E, Wiktorin C, Karlqvist L, Nygård C-H, Kilbom Å, Winkel J och Stockholm MUSIC 1 Study Group. Hjärtfrekvens som mått på fysisk belastning under arbete i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 88-90.
- Fransson-Hall C, Karlqvist L, Gloria R, Wiktorin C, Kilbom Å, Winkel J och Stockholm MUSIC 1 Study Group. Portabel ergonomisk observationsmetod (PEO) i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 91-103.
- Wiktorin C, Karlqvist L, Ericson M, Winkel J och Stockholm MUSIC 1 Study Group. Ryggböjning i arbete registrerat med rygginklinometer i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 104-108.
- Karlqvist L, Selin K, Wiktorin C, Winkel J och Stockholm MUSIC 1 Study Group. Gångsträcka i arbete uppmätt med stegräknare i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 109-111.
- Karlqvist L, Selin K, Wiktorin C, Winkel J och Stockholm MUSIC 1 Study Group. Sittarbetstid registrerad med posimeter i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 112-115.

Karlqvist L, Winkel J och Stockholm MUSIC 1 Study Group. Arbetsplatsmått och kroppsmått i Stockholmsundersökningen 1. I Hagberg M & Hogstedt C (Eds.) Stockholmsundersökningen 1, Stockholm, MUSIC Books 1991, pp 116-122.

Mathiassen S E, Sahlin K, Winkel J, Melin E. Biokemiska blodmarkörer för belastningsrelaterad muskelskada. En studie av monteringsarbetare med och utan skulder-nackbesvär. Nordisk Arbetsmiljömöte, Nyborg, Danmark, 16-18 september, 1991. Abstract-bok, pp 201-202.

Mathiassen S E, Winkel J. EMG-förändringar och laktatbildning vid lågintensiv kontinuerlig och intermittent skuldra-nackbelastning. Abstract-bok, Nordisk Arbetsmiljömöte, Nyborg, Danmark, 16-18 september, pp 21-22, 1991.

Attebrant M, Petersson NF, Winkel J, Kjellberg A, Hansson JE. Utvärdering av kranspetsstyrning och minireglage vid kranarbete i skotare med avseende på muskelarbete, prestation och precision. Abstract-bok, Nordisk Arbetsmiljömöte, Nyborg, Danmark, 16-18 september, pp 131-132, 1991.

J Winkel (6), M Dallner (8), M Ericson (11), C Fransson (6), L Karlqvist (2), C-H Nygård (6), K Selin (2), E Wigaeus Hjelm (9), C Wiktorin (2) och Stockholm-MUSIC I Study Group (1-10).• Karolinska Sjukhuset och Institutet; Inst. för (1) Epidemiologi/IMM, (2) Yrkesmedicin, (3) Ortopedi, (4) Reumatologi, (5) Rehabilitering och Fysikalisk Medicin. • Arbetsmiljöinstitutet; Enheten för (6) Tillämpad Arbetsfysiologi, (7) Yrkesmedicin, (8) Psykofysiologi, (9) Arbets- och Miljöfysiologi. • Statens Institut för Psykosocial Miljömedicin (10).• Kungliga Tekniska Högskolan i Stockholm; (11) Inst. för Arbetsvetenskap. Metoder för mätning av fysisk belastning i epidemiologiska studier: bakgrund och försöksuppläggning. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 108-111.

C. Wiktorin (2), L. Karlqvist (2), E. Wigaeus-Hjelm (9), J. Winkel (6) och Stockholm - Music I study group (1-10). Själv-skattad fysisk belastning. Presentation av ett frågeformulär och dess reliabilitet. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 112-115.

C Fransson (6), R Gloria (6), Å Kilbom (6), L Karlqvist (2), C-H Nygård (6), C Wiktorin (2), J Winkel (6) och Stockholm-MUSIC I Study Group (1-10). Presentation och utvärdering av en portabel ergonomisk observationsmetod (PEO). UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 116-118.

M Ericson (5,11), K Billengren (12), Å Kilbom (6), A-C Undin (13), C Wiktorin (2), J Winkel (6), och Stockholm-MUSIC I Study Group (1-10). Hur bra kan man genom observation uppskatta vinklar i bål, nacke och överarm? UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 119-122.

K Selin (2), L Karlqvist (2), C Wiktorin (2), B Widholm (2), J Winkel (6), Stockholm-MUSIC 1 Study Group (1-10). Utvärdering av två enkla metoder för att bedöma variation av fysisk aktivitet i epidemiologiska studier. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 123-126.

L. Karlqvist (2), C. Wiktorin (2), J. Winkel (6), Stockholm-MUSIC I Study Group (1-10).

Validitet av ett frågeformulär avseende manuell hantering, arbetsställningar och arbetsrörelser. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 127-130.

E Wigaeus Hjelm (9), L Karlqvist (2), C-H Nygård (6), K Selin (2), C Wiktorin (2), J Winkel (6) och Stockholm-MUSIC I Study Group (1-10). Validitet av enkätfrågor om upplevd fysisk ansträngning och fysisk aktivitet. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 131-133.

C-H Nygård (6), L Karlqvist (2), E Wigaeus-Hjelm (9), C Wiktorin (2), J Winkel (6) och Stockholm-Music I Study Group (1-10). Validitet av självrapparterad livstids fysisk aktivitet. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 134-136.

M Dallner (8), F Gamberale (8), J Winkel (6), Stockholm-MUSIC I Study Group (1-10).

Validering av huvudformuläret för fysisk exponering med en dagbok som valideringskriterium. UTBILDNING 1991:06, Arbetsmiljöinstitutet, pp 137-139.

1992

Jørgensen K, Winkel J, Hansen L, Lundager K, Bølling K, Nielsen F, Pilegaard M. Fysiologiske og biomekaniske virkninger af stående/gående arbejde. Betydningen af fodtøjets og underlagets egenskaber. Report to the Danish Work Environment Fund, 1992, 388 PP.

Winkel J, Mathiassen S E, Bao S, Skoglund M. Förändra monteringsarbetet. A 2 page pamphlet in the series 'Briefly', National Institute of Occupational Health, Solna. 1992.

Winkel J, Bao S, Mathiassen SE, Parenmark G, Malmkvist AK. Nacke-skuldra belastning vid löpande band arbete beror på såväl ergonomin som produktionsteknikerns skicklighet. 41 Nordiska Arbetsmiljömötet, 2-4 september 1992. Reykjavik, Island. Abstract bok, pp 127-128.

1993

Fransson-Hall C, Hägg G, Kemmlert K, Kilbom Å, Mathiassen S E, Winkel J. Ryggont kan inte avföras som arbetsskada. Läkartidningen, 90 (9), 785-786, 1993.

Jørgensen K, Winkel J, Hansen L, Lundager K, Bølling K, Nielsen F, Pilegaard M. Fysiologiske og biomekaniske virkninger af stående/gående arbejde. Betydningen af fodtøjets og underlagets støddämpende egenskaber. Arbejdsmiljøfondet, Danmark, 1993, 148 PP.

Winkel J, Dallner M, Ericson M, Fransson-Hall C, Karlqvist L, Nygård C-H, Selin K, Wigaeus Hjelm E, Wiktorin C and Stockholm MUSIC I Study Group. "Fysiska exponeringsgruppens arbete". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 41-44.

Wiktorin C, Karlqvist L, Wigaeus Hjelm E, Winkel J and Stockholm MUSIC I Study Group. "Reliabilitet av ett frågeformulär, avseende fysisk belastning i yrkesarbete, i

Stockholmsundersökningen 1". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 45-52.

Fransson-Hall C, Nygård C-H, Karlqvist L, Wiktorin C, Winkel J, and Stockholm MUSIC I Study Group. "Utvärdering av en portabel ergonomisk observationsmetod (PEO)". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 53-65.

Ericson M, Kilbom Å, Wiktorin C, Winkel J, Billengren K, Undin A-C and Stockholm MUSIC I Study Group. In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 66-69.

Selin K, Karlqvist L, Widholm B, Wiktorin C, Winkel J and Stockholm MUSIC I Study Group. "Utvärdering av stegräknare och posimeter för att bedöma variation av fysisk aktivitet i Stockholmsundersökningen 1". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 70-78.

Karlqvist L, Wiktorin C, Winkel J and Stockholm MUSIC I Study Group. "Validitet av ett frågeformulär avseende manuell hantering, arbetsställningar och arbetsrörelser i Stockholmsundersökningen 1". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 79-94.

Wigaeus Hjelm E, Karlqvist L, Nygård C-H, Selin K, Wiktorin C, Winkel J and Stockholm MUSIC I Study Group. "Validitet av enkätfrågor om upplevd fysisk ansträngning och fysisk aktivitet i Stockholmsundersökningen 1". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 95-107.

Dallner M, Gamberale F, Winkel J and Stockholm MUSIC I Study Group. "En jämförelse mellan ett frågeformulär och en dagbok för fysisk exponering i Stockholmsundersökningen 1". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 108-114.

Nygård C-H, Karlqvist L, Wigaeus Hjelm E, Wiktorin C, Winkel J and Stockholm MUSIC I Study Group. "En jämförelse av tre olika index för självrapparterad livstids fysisk exponering". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 115-123.

Winkel J, Wigaeus Hjelm E, Nygård C-H, Kilbom Å and Stockholm MUSIC I Study Group. "Rekommendationer för mätning och bedömning av fysiska exponeringar i epidemiologiska studier". In: Hagberg M & Hogstedt C (Eds), Stockholmsundersökningen 1, Stockholm, MUSIC Books 1993, pp 327-338.

Jørgensen K, Winkel J, Hansen L, Lundager K, Bølling K, Nielsen F, Pilegaard M. Fysiologiske og biomekaniske virkninger af stående/gående arbejde. Betydningen af fodtøjets og underlagets støddæmpende egenskaber. Forskningsrapport, Arbejdsmiljøfondet, København, 1993, 45 PP.

Winkel J. Förfänta monteringsarbetet; ett forskningsprogram vid Arbetsmiljöinstitutet i Stockholm. Tidningen Produktivitet med arbetsmiljö, pp 20-22, 1993.

Winkel J. Fysisk belastning - vad är acceptabelt? Vetenskapliga kommentarer. UTBILDNING 1993:3. Arbetsmiljöinstitutet, Solna. pp 93-94.

1994

Mathiassen S E, Winkel J. Åtgärder vid nack-skulderbelastande arbete. Minskad arbetstakt, flera pauser, kortare arbetstid? Arbetsmiljöfondens sammanfattning no. 1690, 6 P, 1994.

Petersson N P, Winkel J. Produktionssystem och ergonomi. I: B Dahlner (Ed) Arbetsmiljödagarna 1994. Program och skriftliga sammanfattningar. UTBILDNING 1994:3. Arbetsmiljöinstitutet, Solna. pp 67-68.

Winkel J, Petersson N F, Mathiassen S E. Belastnings-ergonomiska förändringar i arbetslivet i ett historiskt perspektiv. I: B Dahlner (Ed) Arbetsmiljödagarna 1994. Program och skriftliga sammanfattningar. UTBILDNING 1994:3. Arbetsmiljöinstitutet, Solna. pp 69-70.

Mathiassen S E, Winkel J. Arbetstempo, raster, arbetstid - hur påverkas kroppen? I: B Dahlner (Ed) Arbetsmiljödagarna 1994. Program och skriftliga sammanfattningar. UTBILDNING 1994:3. Arbetsmiljöinstitutet, Solna. pp 71-73.

1995

Winkel J, Westgaard R. Belastningsergonomi och rationalisering: möjligheter och begränsningar. In: Dalsgaard C, Linnet F, Alstrup L, Christensen S E, Jacobsen L, Nielsen K T, Nygaard E, Runge U, Vinther, N (Eds.). NES (Nordic Ergonomic Society) proceedings: Menneske, Arbejde og Miljø - et bæredygtigt samspil? pp 3-14, 1995.

Winkel J, Westgaard R. God ergonomi och rationell produktion. Nordisk Ergonomi i forskning och praksis. Nr. 4, pp 2-7, 1995

Balogh I, Winkel J, Östergren P-O. Yrkesrelaterad mekanisk exponering på nacke/skuldror i relation till kön, utbildning, ålder och etnicitet. Svenska Läkaresällskapets Riksstämma, 29 nov-1 dec, 1995, program och sammanfattningar, (Proceedings of the Congress of the Swedish Medical Society), Band 104, Häfte 2, 36 P, sid. 125-126, 1995.

1996

Balogh I, Winkel J, Nordander C, Ohlsson K, Ørbæk P, Östergren P O and 'the Malmö Shoulder-Neck Study Group'. Nacke- och skulderbesvär: en följd av utbildning, kön och etnicitet eller av fysisk yrkesexponering? Abstract från symposium kring 'Fysisk och psykisk belastning, muskelpänning och besvär i rörelseorganen'. Lindholmen Utveckling, Göteborg. Svensk Beteendemedicinsk Förening, Ergonomisällskapet i Sverige. 3. juni 1996.

Östergren P-O, Balogh I, Ektor-Andersen J, Hanson B S, Isacsson I, Isacsson S-O, Lindbladh E, Ranstam J, Winkel J, Ørbæk P. Beror den högre prevalensen av kronisk smärta i nacke och skuldror bland utlandsfödda på faktorer i arbetet? Resultat från Malmö Nack-skulderstudien. . Svenska Läkaresällskapets Riksstämma, xx nov-x dec, 1996, program och sammanfattningar, (Proceedings of the Congress of the Swedish Medical Society), Band 105, Häfte x, xx P, sid. xxx-xxx.

1997

Winkel J, Skerfving S, Irgens-karlsen J., Kjerkegaard E-M. Midtvejsevaluering af forskningsprogrammet PRIM. Arbejdsmiljøfondet og Det Sundhedsvidenkabelige Forskningsråd. 34 pp, 1997.

Balogh I, Winkel J, Nordander C, Ohlsson K, Ørbæk P, Östergren P O and 'the Malmö Shoulder-Neck Study Group'. Nacke-skulderbesvär: en följd av utbildning, kön och etnicitet eller av fysisk yrkesexponering? Arbete, Människa, Miljö & Nordisk Ergonomi, 1, 23-27, 1997.

Ohlsson K, Winkel J. COPE: Förändring? Ja - men hur? Bulletinen, no 2, p 6, 1997.

Östergren P-O, Balogh I, Ektor-Andersen J, Hanson B S, Isacsson A, Isacsson S-O, Lindbladh E, Ørbaek P, Ranstam J, Winkel J. Smärta i skuldror och nacke bland medelålders män och kvinnor i Malmö. ? Arbete, Människa, Miljö & Nordisk Ergonomi, 1, 15-22, 1997.

Mathiassen S E, Winkel J. Ergonomi och modern rationalisering - kollision eller kraftsamling? Arbete, Människa, Miljö & Nordisk Ergonomi, no. 2, 108-113, 1997.

1998

Gellerstedt S, Almqvist R, Myhrman D, Wikström B-O , Attebrant M, Winkel J. Nordiska Ergonomiska Riktlinjer för Skogsmaskiner. In: G Johansson (Ed) Proceedings from Nordic Ergonomics Society annual conference, 16-18 september 1998. AF Borgen, Lund, Sweden, pp 245-248, 1998

Winkel J, Engström T, Kadefors R, Skerfving S. COPE. Cooperative for optimization of industrial production systems regarding productivity and ergonomics. Metoder och handlingsplaner för industriella system i dynamisk utveckling. Lägesredovisning av ramprogrammet. Arbetslivsinstitutet, Solna 1998.

1999

Jørgensen K, Akselsson R, Bach E, Bojsen-Møller F, Christensen H, Gard G, Isacsson S-O, Lundquist P, Mikkelsen S, Skerfving S, Winkel J. Muskuloskeletal forskning med fysiologisk, biomekanisk, epidemiologisk indretning og vinklet imod belastningsergonomi og idræt er en kernekompetence i Øresundsregionen. Abstract till Forskersymposiet "Miljø og tilvækst i Øresundsregionen", 19. Maj, 1999, Kgl Veterinær- og Landbohøjskole i Köpenhamn.

Jørgensen K, Winkel J. SOUND: Et forskernetværk i Øresundsregionen med fokus på muskuloskeletal helse. Et eksempel på nye forskningsmuligheder i Øresundsregionen. Proceedings fra "Miljø og tilvækst i Øresundsregionen. Forskersymposium maj 1999", pp 217-22. Øresundsuniversitetet.

2000

Winkel J, Mathiassen S E. Produktionsergonomi etablerat vid Malmö högskola. Bulletinen nr. 3, pp 12-13, 2000

2002

Bark P, Kazmierczak K, Sperling L, Westgaard R, Winkel J. Idépromemoria: Effektiv återvinnning under goda arbetsförhållanden. TFK-rapport 2002:10, Stockholm. ISBN: 91 88752 42 9. 38 pp, 2002

2003

Jarebrant C, Winkel J, Mathiassen S E, Magneberg R. Industriapassat verktyg för värdering av ergonomisk kvalitet - förstudie. IVF-rapport 03005, ISSN 1404-191x. 54 pp, 2003

2004

Winkel J. Lätt att falla i "ergonomifällan". Arbetarskydd. Nr. 7, p 15, 2004

2005

Jarebrant C, Öjmertz B, Mathiassen S E, Winkel J. ERGONOVA. Ergonomisk Värdeflödesanalys. Handledning, IVF-skrift 05801 (29 sidor). IVF Industriforskning och utveckling AB, Mölndal 2005

Jarebrant C, Öjmertz B, Mathiassen S E, Winkel J. ERGONOVA. Ergonomisk Värdeflödesanalys. Arbetsbok IVF-skrift 05802 (14 sidor). IVF Industriforskning och utveckling AB, Mölndal 2005

Winkel J. och Neumann P. Ergonomi och effektiva produktionssystem - från reaktiv till proaktiv insats. Populärvetenskaplig broschyr. 12 sidor. Arbetslivsinstitutet, 2005.

2006

Jarebrant C, Mathiassen SE, Winkel J, Öjmertz B, Ergonomisk Värdeflödesanalys i vård och omsorg, ERGONOVA, Verktyget som förenar effektiv verksamhet och god arbetsmiljö, Version 1, Handledning, IVF Uppdragsrapport 06/05, 2006

Jarebrant C, Mathiassen SE, Winkel J, Öjmertz B, Ergonomisk Värdeflödesanalys i vård och omsorg, ERGONOVA, Verktyget som förenar effektiv verksamhet och god arbetsmiljö, Version 1, Arbetsbok, IVF, Uppdragsrapport 06/06, 2006

2008

Winkel J: Rapportering av projektet: "NORDISK FoU-NÄTVERK INOM VÅRD OCH OMSORG (NOVO): Arbetsmiljön inom allt effektivare organisationer". Rapport till "Nordisk Arbeidsmiljøutvalg", Mordisk Ministerråd, 2008

2009

Jarebrant C, Dudas K, Harlin U, Johansson Hanse J, Winkel J. Verktyg och processer för värdeskapande arbete och god arbetsmiljö inom vården - en proaktivt ansats. Proceedings från konferensen "Arbetet i människors liv", Göteborgs universitet, 13-14 maj, 2009

Rolander B, Jonker D, Balogh I, Sandsjö L, Winkel J, Ekberg K. Organisatoriska förändringar inom folktandvården: effekter på arbetsvillkor, produktivitett och tandläkarnas hälsa. Proceedings från konferensen "Arbetet i människors liv", Göteborgs universitet, 13-14 maj, 2009

Jarebrant C, Dudas K, Harlin U, Johansson Hanse J, Winkel J. ProVÅRD – Pro-aktivt och värdeskapande arbete inom vården. Konsekvensanalys och integrering av arbetsmiljöfaktorer vid verksamhetsutveckling. Delrapport 1 till AFA - augusti 2009 (9 sidor)

2010

Jarebrant C, Dudas K, Harlin U, Johansson Hanse J, Winkel J. ProVÅRD - Verktyg och processer för värdeskapande arbete. Kvalitetsveckan, Sahlgrenska Universitetssjukhuset, 8–12 mars 2010 (www.sahlgrenska.se/sv/SU/Om-sjukhuset/Kvalitetsveckan/Kvalitetsveckan-2010/Abstracts/)

Jarebrant C, Dudas K, Johansson Hanse J, Harlin U, Winkel J. ERGONOVA. Handledning. Ergonomisk värdeflödeskvalitetsanalys inom vård och omsorg. SWEREA/IVF. Uppdragsrapport 10/16, 44 sidor.

Jarebrant C, Dudas K, Johansson Hanse J, Harlin U, Winkel J. ERGONOVA. Arbetsbok. Ergonomisk värdeflödeskvalitetsanalys inom vård och omsorg. SWEREA/IVF. Uppdragsrapport 10/17, 41 sidor.

2013

Johansson Hanse J, Dudas K, Harlin U, Jarebrant C, Winkel J. Lean och arbetsmiljö inom sjukvården: Proaktivt förändringsarbete för hållbara arbetsprocesser inom vården. FALF-konferensen (Forum för Arbetslivsforskning), Arbetslivets föränderlighet: Individ-, organisations- och metodperspektiv. Stockholm, 17-19 juni 2013. P 15-16.

2014

Jarebrant C, Johansson Hanse J, Harlin U, Ulin K, Winkel J. Framtidens VårdArbete. Proaktivt förändringsarbete för hållbart arbetsliv. Slutrapport, AFA Försäkring, Dnr 100063. Projekt nr Swerea IVF; 22377. 26 sidor.

Johansson Hanse J, Jarebrant C, Winkel J, Harlin U, Ulin K. Optimering av handlingsplaner för utveckling av hållbara arbetsprocesser inom vården. Slutrapport till AFA Försäkring. Diarienummer: 120101. Nordic School of Public Health, NHV. 21 sidor.

2015

Submitted/accepted:
