

Lars Brandt
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Employment

Department of Clinical Research

27. Oct 2024 → 30. Nov 2025

Clinical associate professor

KI, OUH, Research unit of Occupational and Environmental Medicine (Odense)

27. Oct 2024 → 30. Nov 2025

Ledende overlæge

Odense University Hospital

Odense, Denmark

1. Jan 2001 → present

Publications

Brain Glucose Metabolism and COMT Val 158 Met Polymorphism in Female Patients with Work-Related Stress

Madsen, S. S., Andersen, T. L., Pihl-Thingvad, J., Brandt, L., Olsen, B. B., Gerke, O. & Videbech, P., 9. Aug 2024, In: Diagnostics. 14, 16, 17 p., 1730.

Low quality of life in binge eating disorder compared to healthy controls

Gudmundsdóttir, S., Linnet, J., Lichtenstein, M. B., Adair, C. E., Carlsson, S. D., Brandt, L., Rasmussen, J. & Støvring, R. K., 14. Mar 2023, In: Danish Medical Journal. 70, 4, A07220443.

The Prevalence of Long-Term Opioid Therapy in Spine Center Outpatients Following Initiation of Tramadol: The Spinal Pain Opioid Cohort (SPOC)

Manniche, C., Stokholm, L., Ravn, S. L., Andersen, T. E., Brandt, L., Rubin, K. H., Schiøttz-Christensen, B. & Skousgaard, S. G., 19. Sept 2022, In: Chronic Pain & Management. 6, 10 p., 145.

Are You All right (AYA)? Association of cumulative traumatic events among Danish police officers with mental health, work environment and sickness absenteeism: protocol of a 3-year prospective cohort study

Beck Hansen, N., Møller, S. R., Elklit, A., Brandt, L., Andersen, L. L. & Pihl-Thingvad, J., 27. May 2022, In: BMJ Open. 12, 5, 8 p., e049769.

ARE YOU ALL RIGHT (AYA)? Associations of cumulative traumatic events among Danish police officers with mental health, work environment and sickness absenteeism: Protocol of a 3- year prospective cohort study

Beck Hansen, N., Møller, S. R., Elklit, A., Brandt, L., Andersen, L. L. & Pihl-Thingvad, J., 6. Feb 2022.

ARE YOU ALL RIGHT (AYA)? Association of cumulative traumatic events among Danish police officers with mental health, work environment and sickness absenteeism

Hansen, N. B., Møller, S., Elklit, A., Brandt, L., Andersen, L. L. & Pihl-Thingvad, J., 1. Jan 2022, In: Safety and Health at Work. 13, S, p. S197-S198

Prevalence of long-term opioid therapy in spine center outpatients the spinal pain opioid cohort (SPOC)

Manniche, C., Stokholm, L., Ravn, S. L., Andersen, T. A., Brandt, L., Rubin, K. H., Schiøttz-Christensen, B., Andersen, L. L. & Skousgaard, S. G., Oct 2021, In: European Spine Journal. 30, 10, p. 2989-2998

Can high workplace social capital buffer the negative effect of high workload on patient-initiated violence? Prospective cohort study

Pihl-Thingvad, J., Soenderbo Andersen, L. P., Pihl-Thingvad, S., Elklit, A., Brandt, L. P. A. & Andersen, L. L., Aug 2021, In: International Journal of Nursing Studies. 120, 12 p., 103971.

Surface electromyography of forearm and shoulder muscles during violin playing

Mann, S., Panduro, M. B., Paarup, H. M., Brandt, L. & Søggaard, K., Feb 2021, In: Journal of Electromyography and Kinesiology. 56, 102491.

Long-Term Opioid Therapy in Spine Center Outpatients: Protocol for the Spinal Pain Opioid Cohort (SPOC) Study

Manniche, C., Stokholm, L., Ravn, S. L., Andersen, T. E., Brandt, L. P., Rubin, K. H., Schiøttz-Christensen, B., Andersen, L. L. & Skousgaard, S. G., 19. Aug 2020, In: J M I R Research Protocols. 9, 8, 9 p., e21380.

Are frequency and severity of workplace violence etiologic factors of posttraumatic stress disorder? A 1-year prospective study of 1,763 social educators.

Pihl-Thingvad, J., Andersen, L. L., Brandt, L. & Elklit, A., 1. Oct 2019, In: Journal of Occupational Health Psychology. 24, 5, p. 543–555

Workplace violence and development of burnout symptoms: a prospective cohort study on 1823 social educators

Pihl-Thingvad, J., Elklit, A., Brandt, L. P. A. & Andersen, L. L., 1. Aug 2019, In: International Archives of Occupational and Environmental Health. 92, 6, p. 843-853

Occupational Violence and PTSD-Symptoms: A Prospective Study on the Indirect Effects of Violence Through Time Pressure and Nontraumatic Strains in the Occupational Context

Pihl-Thingvad, J., Elklit, A., Brandt, L. L. P. & Andersen, L. L., Jul 2019, In: Journal of Occupational and Environmental Medicine. 61, 7, p. 572-583

Preventive initiatives among violinists to change their workload demands: a PhD protocol

Mann, S., Paarup, H. M., Nygaard, L., Brandt, L. & Søggaard, K., 6. Jun 2019.

Comparison of exhaustion symptoms in patients with stress-related and other psychiatric and somatic diagnoses

Kristiansen, J., Friberg, M. K., Eller, N., Brandt, L. P. A., Glasscock, D. J., Pihl-Thingvad, J., Persson, R., Besèr, A., Åsberg, M. & Thorsen, S. V., 4. Mar 2019, In: BMC Psychiatry. 19, 9 p., 84.

Neurobiological effects of work-related stress: protocol for a case-control neuroimaging study

Madsen, S. S., Gjedde, A., Brandt, L., Pihl-Thingvad, J., Videbech, P., Gerke, O. & Høilund-Carlsen, P. F., Nov 2018, In: Danish Medical Journal. 65, 11, 4 p., A5513.

Prevalence of persons contacting general practice for psychological stress in Denmark

Lykkegaard, J., Rosendal, M., Brask, K., Brandt, L. & Prior, A., Sept 2018, In: Scandinavian Journal of Primary Health Care. 36, 3, p. 272-280

Work load conditions of shoulder and forearm muscles during violin playing

Mann, S., Bruun Panduro, M., Paarup, H. M., Brandt, L. & Søggaard, K., 14. Jun 2018.

The Regret Coping Scale for Health-Care Professionals (RCS-HCP): A validation study with Danish social educators

Pihl-Thingvad, J., Jacobsen, C. W., Brandt, L. P. A., Andersen, L. L., Elklit, A. & Courvoisier, D., 1. Jan 2018, In: Work. 60, 3, p. 401-410

Bi-directional association between stress and musculoskeletal pain: 1-year prospective cohort study with weekly registration

Brandt, L., Pihl-Thingvad, J., Andersen, J. H. & Andersen, L. L., 2018.

Bi-directional association between stress and musculoskeletal pain: 1-year prospective cohort study with weekly registrations

Pihl-Thingvad, J., Andersen, J. H., Andersen, L. L. & Brandt, L., 2018, In: Occupational and Environmental Medicine. 75, Suppl. 2, 426.

Consistent Use of Assistive Devices for Patient Transfer Is Associated With Less Patient-Initiated Violence: Cross-Sectional Study Among Health Care Workers at General Hospitals

Pihl-Thingvad, J., Brandt, L. P. A. & Andersen, L. L., 2018, In: Workplace Health & Safety. 66, 9, p. 453-461

Occupational risk factors for Hip and Knee Osteoarthritis: Evidence of gene-exposure interaction; a co-twin control study in Danish twins

Skousgaard, S. G., Skytthe, A., Möller, S., Overgaard, S. & Brandt, L., 2018.

Occupational risk factors for Hip and Knee Osteoarthritis: Evidence of gene-exposure interaction; a co-twin control study in Danish twins

Skousgaard, S. G., Möller, S., Skytthe, A., Overgaard, S. & Brandt, L., 2018, In: Occupational and Environmental Medicine. 75, Suppl. 2, p. A261-A262

Physical exercise during working hours for employees at a hospital laundry: A qualitative process evaluation

Bruun Panduro, M., Andersen, L. L. & Brandt, L., 2018.

Physical exercise during working hours for employees at a hospital laundry – a qualitative process evaluation

Bruun Panduro, M., Andersen, L. L. & Brandt, L., 2018, In: Occupational and Environmental Medicine. 75, Suppl. 2, 256.

Reduction of musculoskeletal pain among professional musicians by introducing resistance band training at work

Brandt, L., Panduro, M. & Nielsen, S., 2018, In: Occupational and Environmental Medicine. 75, Suppl. 2, p. A263-A263 316.

The effect of introducing rubber band exercise at Work on musculoskeletal pain and job satisfaction among musicians in 5 Danish Symphony Orchestras

Brandt, L., Andersen, L. L., Bruun Panduro, M. & Nielsen, S. R., 2018.

Violinists' muscular load during violin performance

Mann, S., Bruun Panduro, M., Hansen, R. W., Paarup, H. M., Brandt, L. & Søgaard, K., 2018, p. 131. 1 p.

Activation level of left forearm and shoulder muscles during violin playing

Mann, S., Bruun Panduro, M., Hansen, R. W., Paarup, H. M., Brandt, L. & Søgaard, K., 22. Sept 2017.

Occupational rhinoconjunctivitis caused by the common indoor plant, *Hoya compacta*

Lee Sherson, D., Daldorph Nielsen, A., Mørtz, C. G., Vestergaard, L., Brandt, L., Jørs, E. & Bælum, J., Aug 2017, In: Occupational Medicine. 67, 6, p. 490–492

Plasma Cholinesterase Levels of Nepalese Farmers Following Exposure to Organophosphate Pesticides

Neupane, D., Jørs, E. & Brandt, L., 1. Jan 2017, In: Environmental Health Insights. 11, p. 1-4 1178630217719269.

An EMG-based Evaluation of Violin Players Work-Load During Performance Of Scales In Increasing Tempi And A Piece Of Music

Mann, S., Bruun Panduro, M., Hansen, R. W., Dalager, T., Paarup, H. M., Brandt, L. & Søgaard, K., 2017. 1 p.

The Danish version of the Karolinska Exhaustion Disorder Scale (KEDS)

Kristiansen, J., Friberg, M. K., Brandt, L., Eller, N., Glasscock, D., Persson, R., Daldorph Nielsen, A., Besér, A. & Åsberg, M., 27. Oct 2016.

The effect of introducing rubber band exercise at work on the occurrence of musculoskeletal pain among laundry workers

Brandt, L., Sept 2016.

Sex differences in risk and heritability estimates on primary knee osteoarthritis leading to total knee arthroplasty: a nationwide population based follow up study in Danish twins

Skousgaard, S. G., Skytthe, A., Möller, S., Overgaard, S. & Brandt, L., 11. Feb 2016, In: Arthritis Research & Therapy. 18, 14 p., 46.

AN EMG BASED EVALUATION OF VIOLIN PLAYERS WORK-LOAD DURING PERFORMANCE OF SCALES IN INCREASING TEMPI AND A PIECE OF MUSIC. A PILOT STUDY

Hansen, R. W., Mann, S., Bruun Panduro, M., Paarup, H. M., Brandt, L. & Søgaard, K., 2016.

Everyday Violence. On occupational violence and mental health (poster presentation): 5th international conference on Violence in the Health sector

Pihl-Thingvad, J., Andersen, L., Elklit, A. & Brandt, L., 2016.

Specifikke bronkiale og nasale provokationer for erhvervsallergener

Lee Sherson, D., Bælum, J., Rikard Johnsen, C., Schlünssen, V., Meyer, H. W., Pedersen, E. B., Mosbech, H., Bønnelykke, J., Brandt, L. & Madsen, H., 2016, In: Ugeskrift for Læger. 178, 17, p. 1596-1598 2 p., V01160046.

The Danish version of the Karolinska Exhaustion Disorder Scale (KEDS)

Kristiansen, J., Friberg, M. K., Brandt, L., Eller, N., Glasscock, D., Persson, R., Daldorph Nielsen, A., Besér, A. & Åsberg, M., 2016.

Probability and heritability estimates on primary osteoarthritis of the hip leading to total hip arthroplasty: a nationwide population based follow-up study in Danish twins

Skousgaard, S. G., Hjelmberg, J., Skytthe, A., Brandt, L. P. A., Möller, S. & Overgaard, S., 20. Nov 2015, In: Arthritis Research & Therapy. 17, 12 p., 336.

Pesticide use, AChE level and self-reported acute intoxication symptoms among farmers in Nepal

Jørs, E. & Brandt, L., 2015.

Pesticide use, erythrocyte acetylcholinesterase level and self-reported acute intoxication symptoms among vegetable farmers in Nepal: a cross-sectional study

Neupane, D., Jors, E. & Brandt, L., 20. Nov 2014, In: Environmental Health. 13, 7 p., 98.

Does introduction of LED-lighting improve visual work environment?

Pihl-Thingvad, J., Lee, A., Johannessen, H. & Brandt, L., 2014.

Studie af LED - Afprøvning og demonstration af LED-belysningsystemer i større offentlige bygninger: Rapport af delstudie vedrørende visuel komfort

Lee, A., Pihl-Thingvad, J., Brandt, L. & Johannessen, H., Dec 2013

Does computer use affect the incidence of distal arm pain? A one-year prospective study using objective measures of computer use

Mikkelsen, S., Lassen, C. F., Vilstrup, I., Kryger, A. I., Brandt, L. P. A., Thomsen, J. F., Gerster, M., Grimstrup, S. & Andersen, J. H., 2012, In: International Archives of Occupational and Environmental Health. 85, 2, p. 139-152

Computer mouse use predicts acute pain but not prolonged or chronic pain in the neck and shoulder

Andersen, J. H., Harhoff, M., Grimstrup, S., Vilstrup, I., Lassen, C. F., Brandt, L., Kryger, A. I., Overgaard, E., Hansen, K. D. & Mikkelsen, S., 6. Aug 2007, In: Occupational and Environmental Medicine. 60, 11, p. 14e

Aktivitetsbaser - en registrering af computeranvendelse i epidemiologiske undersøgelser.

Andersen, J., Vilstrup, I., Brandt, L., Lassen, C., Kryger, A. & Overgaard, E., 2005, In: Ugeskrift for Læger. 167, p. 1377

Does computer use pose an occupational hazard for forearm pain: from the NUDATA study

Kryger, A. I., Andersen, J. H., Lassen, C. F., Brandt, L., Vilstrup, I., Overgaard, E., Thomsen, J. F. & Mikkelsen, S., 2004, In: Occupational and Environmental Medicine. 60, 11, p. 14e

Elbow and wrist/hand symptoms among 6,943 computer operators: a 1-year follow-up study (the NUDATA study)

Lassen, C. F., Mikkelsen, S., Kryger, A. I., Brandt, L., Overgaard, E., Thomsen, J., Vilstrup, I. & Andersen, J. H., 2004, In: American Journal of Industrial Medicine. 46, 5, p. 521-533

Mangan udsættelse ved metalstøbning og -forarbejdning i Danmark: En udredning om eksisterende viden med fokus på eksponering og helbredseffekter

Kristiansen, J., Frost, P., Lund, S. P., Llambias, M. T., Hansen, J., Hougaard, K. S., Sherson, D., Kolstad, H., Brandt, L., Blønd, M., Christensen, S. W. & Omland, Ø., 2004, København: Arbejdsmiljøinstituttet.

Neck and shoulder symptoms and disorders among Danish computer workers

Brandt, L., Andersen, J. H., Lassen, C. F., Kryger, A. I., Overgaard, E., Vilstrup, I. & Mikkelsen, S., 2004, In: Scandinavian Journal of Work, Environment & Health. 30, 5, p. 399-409

Tingling/numbness in the hands of computer users: neurophysiological findings from the NUDATA study

Overgaard, E., Brandt, L., Ellemann, K., Mikkelsen, S. & Andersen, J. H., 2004, In: International Archives of Occupational and Environmental Health. 77, p. 521-525

Computer Use and Carpal Tunnel Syndrome: A 1-Year Follow-up Study

Andersen, J. H., Thomsen, J. F., Overgaard, E., Lassen, C. F., Brandt, L., Vilstrup, I., Kryger, A. I. & Mikkelsen, S., 2003, In: JAMA - Journal of the American Medical Association. 289, p. 2963-2969

Arbejde - Sygdom, Årsag - Virkning: Informationspjece til praktiserende læger på Fyn

Brandt, L., 2002

Mortality among Danish merchant seamen from 1970 to 1985

Brandt, L. P., Kirk, N. U., Jensen, O. C. & Hansen, H. L., 1994, In: American Journal of Industrial Medicine. 25, 6, p. 867-876

Activities

32nd Triennial Congress of the International Commission on Occupational Health

Skousgaard, S. G. (Participant), Brandt, L. (Participant), Bælum, J. (Participant), Jørs, E. (Participant), Pihl-Thingvad, J. (Participant) & Bruun Panduro, M. (Participant)
29. Apr 2018 → 4. May 2018

32nd Triennial Congress of the International Commission on Occupational Health

Brandt, L. (Participant)
29. Apr 2018 → 4. May 2018

Physical Exercise at the Workplace

Brandt, L. (Participant)
3. Oct 2017 → 5. Oct 2017

Occupational Health and Safety in Formal and Informal Mining

Brandt, L. (Participant)
21. Aug 2017 → 25. Aug 2017

Specific Inhalation Challenge - First Nordic Meeting

Brandt, L. (Organizer) & Lee Sherson, D. (Organizer)
9. Mar 2017 → 10. Mar 2017

Arbejdsmiljø og tilbagetrækning - hvad siger praktikerende?

Brandt, L. (Lecturer)

3. Nov 2016

Hvordan undgår jeg arbejdsskader?

Brandt, L. (Lecturer)

29. Sept 2015

Arbejds miljø og arbejdsbetingede lidelser

Brandt, L. (Lecturer)

18. Jun 2015

Arbejdsbetingede og arbejdsrelaterede håndskader for musikere

Brandt, L. (Lecturer)

16. Apr 2015

Arbejdsmedicinsk Klinik, OUH

Brandt, L. (Lecturer)

18. Mar 2015

Fysisk og psykisk arbejdsmiljø

Brandt, L. (Lecturer)

6. Feb 2015

3rd International Wellbeing at Work Conference

Brandt, L. (Participant)

26. May 2014 → 28. May 2014

Scientific Committee (External organisation)

Brandt, L. (Member)

2014 → ...

Miljøudvalgene i medlemsorganisationer tilmeldt LO Fyn

Brandt, L. (Lecturer)

22. Oct 2013

Musicians' Health and Performance 1st Nordic Conference 2013

Brandt, L. (Participant)

13. Jun 2013 → 14. Jun 2013

GRASPH Forårsmøde 2012

Brandt, L. (Participant)

22. May 2012 → 23. May 2012

30 th. International Congress on Occupational Health

Brandt, L. (Participant)

18. Mar 2012 → 23. Mar 2012

Perceived stress and pain in neck and upper extremities.: A causal link or perception bias?

Brandt, L. (Lecturer)

23. Mar 2009

Beskikket censor: Arbejds- og Miljømedicin

Brandt, L. (Censor)

1. Jan 2008 → ...

ICOEPH (External organisation)

Brandt, L. (Chairman)
2008

ICOH International Congress on Occupational Health (External organisation)

Brandt, L. (Member)
2008

Odense Universitetshospital (External organisation)

Brandt, L. (Member)
2006

DASAM (External organisation)

Brandt, L. (Member)
1992