

Lars Brandt  
Department of Clinical Research  
KI, OUH, Research unit of Occupational and Environmental Medicine (Odense)  
**Email:** lars.brandt@rsyd.dk



## Employment

**Department of Clinical Research**  
SDU

1. Jun 2021 → 30. Dec 2023

### **Clinical lector**

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

1. Jun 2021 → 30. Dec 2023

### **Ledende overlæge**

Odense University Hospital  
Odense, Denmark

1. Jan 2001 → present

## Publications

**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.

**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. PA., 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. & Søgaaard, 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., Sep 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. & Søgaaard, 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, LPA., Panduro, MB. & Nielsen, SR., 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. & Søgaaard, 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. & Søgaaard, K., 22. Sep 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. & Søgaaard, 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., Sep 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 (Print). 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. & Søgaaard, 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., Hjelmborg, 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: A Global Access Science Source. 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.

#### **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: Arbejds miljøinstituttet.

#### **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**

Søren Glud Skousgaard (Participant), Lars Brandt (Participant), Jesper Bælum (Participant), Erik Jørs (Participant), Jesper Pihl-Thingvad (Participant) & Mads Bruun Panduro (Participant)  
29. Apr 2018 → 4. May 2018

**32nd Triennial Congress of the International Commission on Occupational Health**

Lars Brandt (Participant)  
29. Apr 2018 → 4. May 2018

**Physical Exercise at the Workplace**

Lars Brandt (Participant)  
3. Oct 2017 → 5. Oct 2017

**Occupational Health and Safety in Formal and Informal Mining**

Lars Brandt (Participant)  
21. Aug 2017 → 25. Aug 2017

**Specific Inhalation Challenge - First Nordic Meeting**

Lars Brandt (Organizer) & David Lee Sherson (Organizer)  
9. Mar 2017 → 10. Mar 2017

**Arbejds miljø og tilbagetrækning - hvad siger praktikerende?**

Lars Brandt (Lecturer)  
3. Nov 2016

**Hvordan undgår jeg arbejdsskader?**

Lars Brandt (Lecturer)  
29. Sep 2015

**Arbejds miljø og arbejdsbetingede lidelser**

Lars Brandt (Lecturer)  
18. Jun 2015

**Arbejdsbetingede og arbejdsrelaterede håndskader for musikere**

Lars Brandt (Lecturer)  
16. Apr 2015

**Arbejdsmedicinsk Klinik, OUH**

Lars Brandt (Lecturer)

18. Mar 2015

**Fysisk og psykisk arbejdsmiljø**

Lars Brandt (Lecturer)

6. Feb 2015

**3rd International Wellbeing at Work Conference**

Lars Brandt (Participant)

26. May 2014 → 28. May 2014

**Scientific Committee (External organisation)**

Lars Brandt (Member)

2014 → ...

**Miljøudvalgene i medlemsorganisationer tilmeldt LO Fyn**

Lars Brandt (Lecturer)

22. Oct 2013

**Musicians' Health and Performance 1st Nordic Conference 2013**

Lars Brandt (Participant)

13. Jun 2013 → 14. Jun 2013

**GRASPH Forårsmøde 2012**

Lars Brandt (Participant)

22. May 2012 → 23. May 2012

**30 th. International Congress on Occupational Health**

Lars Brandt (Participant)

18. Mar 2012 → 23. Mar 2012

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

Lars Brandt (Lecturer)

23. Mar 2009

**Beskikket censor: Arbejds- og Miljømedicin**

Lars Brandt (Censor)

1. Jan 2008 → ...

**ICOEPH (External organisation)**

Lars Brandt (Chairman)

2008

**ICOH International Congress on Occupational Health (External organisation)**

Lars Brandt (Member)

2008

**Odense Universitetshospital (External organisation)**

Lars Brandt (Member)

2006

**DASAM (External organisation)**

Lars Brandt (Member)

1992