

PREMUS2016

TORONTO

Poster Reference Guide

May 18, 2016

June 20-23, 2016

Allstream Conference Centre
Toronto, Ontario, Canada

premus2016.iwh.on.ca

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Session 1

Monday, June 20

Epidemiology of work-related MSDs

- Poster Number 1** Distal radius fracture: Epidemiology, risk factors and prognostic factors
Dewan, Neha
- 2 Burden of carpal tunnel syndrome (CTS) in active economic population in Colombia
Palencia, Francisco
- 3 Estimated and self-reported workloads and lower extremity symptoms for nurses and nursing aides
Kurowski, Alicia
- 4 The Italian network MAREL and musculoskeletal disorders
Mattioli, Stefano
- 5 Perceived muscular tension in healthy subjects: a cross-sectional study
Borg, Tina
- 6 Ergonomics factors and low back pain among office workers in a private university of Colombia: a cross-sectional study
Angarita Fonseca, Adriana
- 7 Symptom Prevalence of Musculoskeletal Disorders and the Effects of Prior Acute Injury among Aging Male Steelworkers
Choi, Won-Jun
- 8 Work-related Musculoskeletal Disorders of Korean Firefighters
Yoon, Jangwhon
- 9 Musculoskeletal pain among the medical residents
Malinauskaite, Ieva
- 10 Upper extremity musculoskeletal pain among office employees in Costa Rica, Nicaragua and Spain
Campos-Fumero, Adriana
- 11 Work-related prevalence of musculoskeletal diseases among workers from Iron Foundry Industry
Prakova, Gospodinka
- 12 Decrease of work-related low-back pain prevalence in drivers in France
Chazelle, Emilie
- 13 Work-related MSDs in physical therapists
Vieira, Edgar
- 14 Work-related musculoskeletal disorders among nurses in a tertiary referral hospital
Manmee, Charuwan
- 15 Associations between self-reported CTS and the co-exposure to neurotoxic chemicals and physical constraints for male agriculture workers in France in 2010
Bodin, Julie
- 16 Prevalence and associated factors of suspected carpal tunnel syndrome among personnel in a hospital
Janpol, Kanya

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- Poster Number 17 Capacity for work and occurrence of musculoskeletal symptoms in women
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- 18 An exaggerated initial pain report bias in field studies?
Waersted, Morten
- 19 PSW Safety in the Community: A prospective cohort study
King, Emily
- 20 Work-related risk factors for incidence of neck pain in a large working population
Fouquet, Natacha
- 21 Example of using Job-exposure matrix: Carpal tunnel syndrome and computer exposure at work in two large complementary cohorts
Descatha, Alexis
- 22 Prevalence and risk factors associated with thumb pain from smartphone use in secondary school students at Klong-Luang, Pathumthani
Khruakhorn, Santhanee
- 23 Prevalence and risk factors associated with neck pain from smartphone use in secondary school students at Khlong-Luang, Pathumthani
Kanchanomai, Siriluck
- 24 The Factor Related to Upper Limb Musculoskeletal Pain among Office Worker
Baek, Kiook
- 25 Work related lower limb disorders: lessons learned from a caselist of a public occupational health clinic
Carta, Angela
- 26 Work-related musculoskeletal disorders among Thai accountants
Nakphet, Nuttika
- 27 Physical activity levels and prevalence of low back pain in call-center operators.
Chaikumarn, Montakarn
- 28 Risk factors for the hip osteoarthritis (coxarthrosis). Results from a systematic review and meta-analysis
Hartmann, Bernd
- 29 Assessment of work related musculoskeletal disorders (WMSDs) and psychosocial health problems among the brick field workers of West Bengal, India
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Field evaluations of MSD prevention policies, programs and practices

- 74 Assessing the impact of a training intervention within the electric utility industry
Ahmed, Madiha

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Session 2

Tuesday, June 21

Management of work-related MSDs and sustainable employment

- Poster Number 30 Ageing among building and construction workers. Effects of deteriorating respiratory and neuromuscular functions.
Jeppesen, Gitte Kær
- 31 Prevention of musculoskeletal disorders among computer workers
Reinhold, Karin
- 32 Does dental staffing matter for perceived health and work demands?
Wåhlin, Charlotte
- 33 Age Differences in Prediction of Occupational Disability Three Months After Functional Restoration.
Algarni, Fahad
- 34 Drilling, Counter-sinking, and Riveting: the Risks of MSD in Aviation Assembly Work
Denis, Denys
- 35 Using a job exposure matrix on physical exposure as a decision tool for helping in social compensation and retirement benefits. A preliminary study in France
Descatha, Alexis
- 36 Design and Evaluation of a Novel Exoskeleton to Reduce Shoulder Loads During Manufacturing
Van Engelhoven, Logan
- 37 The Effect of Three Ergonomics Interventions on Body Posture and Musculoskeletal Disorders among Staff of Isfahan Province Gas Company
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Measuring exposures in a new world of work

- 38 Validation of an ambulatory approach to estimate lumbar back loadings
Delisle, Alain
- 39 Occupational Health Care as a Measure to Prevent Work Related Musculoskeletal Dis-orders – Trigger-Criteria for Health Care and Estimation of Employees concerned
Serafin, Patrick
- 40 Manual handling of loads: Types, amount and frequencies of typical load handling in a large-scale industrial company
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- 41 Challenges in measuring fatigue: task parameters influence the measures differentially
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- 42 Fatigue in a light precision micropipetting task – responsiveness of a test battery of measures over an 8-hour period
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Tuesday, June 21

- Poster Number 43** Assessment of physical exposure of the housekeepers of the hotel chain
Martins de Carvalho, Maryanne
- 44 Measuring exposure: The Scoring Method for Assessment of Repetitive Tasks
Mihaljinac Bolanča, Marina
- 45 Vibration exposures of operators of pallet trucks during internal transport of goods
Rokosch, Frank
- 46 Correlation of daily walking steps among three measurement tools: smartphone application, wearable device, and pedometer
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- 47 A Pilot Study of the SLUMP Questionnaire for Assessing Musculoskeletal Pain and Laptop Use in Students
D'Silva, Chelsea
- Other**
- 48 Short term zhan zhuang, bauduanjin and segmental stabilization exercises or stabilization exercises to improve capacity in adults with low back pain (LBP)? A pilot study.
Bertoncello, Dornival
- 49 Depression and work limitation trajectories in injured workers with musculoskeletal disorders: 2-year follow-up study
Ibrahim, Selahadin
- 50 Associations between neck/shoulder pain and job strain in relation to physical activity among family physicians
Malinauskiene, Vilija
- 51 Quantitative assessment of shoulders postures: preliminary application of a real-time monitoring system in a grocery store setting
Bonfiglioli, Roberta
- 52 Fragility Fractures in the Workplace: Analysis of Patient Survey Data from Ontario, Canada
Beaton, Dorcas
- 53 Work on display screen (around 70 case)
El Fadil, Hayat
- 54 Linking of the AAOS DRF Clinical Practice Guidelines to ICF, and ICF Core sets for Hand conditions.
Esakki, Saravanan
- 55 Assessment of physical workload: muscular activity vs. resultant external force
Claudon, Laurent

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Tuesday, June 21

- Poster Number 56** Effects of dual monitor workstation on visual and neck-shoulder muscular and proprioceptive outcomes associated with a 90-minute computer task in men and women
Farias, Amanda
- 57** Pain intensity and pain thresholds after a dynamic physical load, in persons with chronic neck pain.
Grimby-Ekman, Anna
- 58** Repeatability of electromyography of the neck and shoulder muscles in VDU operators with neck and shoulder symptoms
Nakphet, Nuttika
- 59** Knee Biomechanics in Obese Female during Walking
Nutalaya, Chitchanok
- 60** The impact of office ergonomics intervention: a case study in 18 companies across Singapore
Rusli, Noer Triyanto

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Session 3

Wednesday, June 22

Biology of work-related MSDs

- Poster Number 61 Relative phase changes during lifting fatigue protocol within a middle-aged population
Albert, Wayne
- 62 Effect of repetitive work on intramuscular calcium release and uptake rates: implications from a rat model of work-related muscle disorders.
Hadrevi, Jenny
- 63 Biomechanical Demands of Bricklaying Concrete Masonry Blocks using One Handed Technique
Albert, Wayne
- 64 A case-control study of back muscle fatigue in younger and older adults with and without chronic low back pain
Vieira, Edgar
- 65 Chronic pain mechanisms in occupational musculoskeletal disorders
Ryabinina, Svetlana
- 66 Seat pressure distribution characteristic during 1-hour sitting in office workers with and without chronic low back pain
Janwantanakul, Prawit

Emerging issues in the prevention and management of work-related MSDs

- 67 Characteristics of pain syndrome in carpal tunnel syndrome
Bakhtereva, Elena
- 68 Protection of worker
Carollo, Ayres
- 69 Ergonomic interventions: invest in risk analysis or invest in solutions?
Delaruelle, Dirk
- 70 Self-adjustment of occupational activities – a principle for the prevention of musculoskeletal overload
Jäger, Mathias
- 71 Interprofessional medical collaboration in the care of work-related MSDs
Begue, Cyril
- 72 Interactions with clients and physiological responses related to musculoskeletal disorders and stress-related outcomes among call centre workers
Wells, Richard
- 73 Prevention of Work-Related Musculoskeletal Disorders and Disability Management using holistic Risk Assessment Data about Physical Exposures at Work
Klussmann, Andre & Serafin, Patrick

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Field evaluations of MSD prevention policies, programs and practices

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- 76 Functional profile of preparation program workers for a Brazilian university retirement
Bertoncello, Dornival
- 77 Proposal of a prospective multisite evaluation approach to understand the mechanisms of action underlying complex ergonomic interventions
Albert, Valerie
- 78 Multifaceted workplace intervention: managing musculoskeletal disorders in workers of a medium-sized company
Simprini Padula, Rosimeire
- 79 Evaluation of effectiveness of DINO methods in estimation musculoskeletal disorders risk Related to Patient Transfer Operation
Habibi, Ehsan
- 80 Obesity and musculoskeletal distress
Barros Júnior, José Cerqueira
- 81 Investigating the high incidence of lower back pain in underground employees at a Platinum mining company in Zimbabwe
Garamumhango, Blessing
- 82 The influence of adherence to job rotation in control of musculoskeletal complaints
Padula, Rosimeire
- 83 Validity of NIOSH- and Nordic-style Questionnaires in the Screening and Surveillance of Neck and Upper Extremity Work-related Musculoskeletal Disorders
Choi, Won-Jun
- 84 Identifying the program theory underlying a national intervention programme: the New Zealand Moving and Handling People Guidelines
Lidegaard, Mark

Health disparities and globalization

- 85 Sociodemographics and Health Determinants among Older Adults Workers: A Population-Based Study
Dantas, Renata
- 86 Risk characterization in the informal labor market in Bogota, Colombia. A case study.
Piñeros, Victor Hugo

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Poster Presentations at a glance

During your assigned session day, please be by your poster during lunch and both morning and afternoon breaks.

Date	Topics	10:00 - 10:30am	12:00 - 1:30pm	3:00 - 3:30pm
Monday, June 20	Epidemiology of work-related MSDs Field evaluations of MSD prevention policies, programs and practices	<i>Morning Break</i>	<i>Lunch</i>	<i>Afternoon Break</i>
Tuesday, June 21	Management of work-related MSDs and sustainable employment Measuring exposures in a new world of work Other	<i>Morning Break</i>	<i>Lunch</i>	<i>Afternoon Break</i>
Wednesday, June 22	Biology of work-related MSDs Emerging issues in the prevention and management of work-related MSDs Field evaluations of MSD prevention policies, programs and practices Health disparities and globalization	<i>Morning Break</i>	<i>Lunch</i>	<i>Afternoon Break</i>