

Occupational and Environmental Medicine



Contents

Commentary

- 145** Physical activity health paradox: reflections on physical activity guidelines and how to fill research gap
A Holtermann

Original research Workplace

- 147** Lifetime high occupational physical activity and total and cause-specific mortality among 320 000 adults in the NIH-AARP study: a cohort study
D Martinez Gomez, P Coenen, C Celis-Morales, J Mota, F Rodriguez-Artalejo, C Mathews, P F Saint-Maurice

- 155** Association between occupational exposure to irritant agents and a distinct asthma endotype in adults
M V Andrianjafimasy, M Febrissy, F Zerimech, B Dananché, H Kromhout, R Matran, M Nadif, D Oberson-Geneste, C Quinot, V Schliunsen, V Siroux, J-P Zock, N Le Moual, R Nadif, O Dumas

- 162** Risk of major chronic diseases in transport, rescue and security industries: a longitudinal register-based study
K Herttua, L J Ahrenfeldt, T Paljarvi

- 169** Unionisation and injury risk in construction: a replication study
L S Robson, V Landsman, D Latour-Villamil, H Lee, C Mustard

March 2022 Volume 79 Issue 3

- 176** Risks of COVID-19 by occupation in NHS workers in England
D A van der Plaats, I Madan, D Coggon, M van Tongeren, R Edge, R Muir, V Parsons, P Cullinan

- 184** Hospitalised heat-related acute kidney injury in indoor and outdoor workers in the USA
D S Shi, V M Weaver, M J Hodgson, A W Tustin

Environment

- 192** Long-term exposure to air pollution and COVID-19 incidence: a prospective study of residents in the city of Varese, Northern Italy
G Veronesi, S De Matteis, G Calori, N Pepe, M M Ferrario

Practice


- 200** Early detection of prostate cancer in firefighters: a register-based study of prognostic factors and survival
J Jakobsen, M B Veierød, T K Grimsrud, S D Fosså, B Hammarström, K Kjørheim


Systematic review

- 207** Environmental exposure to asbestos and the risk of lung cancer: a systematic review and meta-analysis
K Kwak, D Kang, D Paek

PostScript

- 215** Research and public health prevention policies of occupational heat exposure in Italy
A Marinaccio, M Bonafede, M Morabito, WORKLIMATE project Working Group

 This article has been chosen by the Editor to be of special interest or importance and is freely available online.

 This article has been made freely available online under the BMJ Journals open access scheme. See <https://authors.bmj.com/open-access/>

C O P E This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
Member since 2008 <http://publicationethics.org/JM00018>

 **recycle**
When you have finished with this magazine please recycle it.

Stay a step ahead with Online First

We publish all our original articles online before they appear in a print issue.

This means that the latest clinical research papers go straight from acceptance to your browser, keeping you at the cutting edge of medicine.

Follow the Online First link on the homepage and read the latest research.

oem.bmj.com