

Editor-in-Chief Lieutenant Colonel Johno Breeze

Guest Editor Andrew Hollingsworth

Deputy Editor Major Piers Page

Editorial Office

BMJ Publishing Group Ltd, BMA House, Tavistock Square, London WC1H 9JR, UK

T: +44 (0)20 7383 6909 F: +44 (0)20 7383 6668

E: info.bmjmilitary@bmj.com

ISSN: 2633-3767 (print) ISSN: 2633-3775 (online)

Impact factor: 0.994

Disclaimer: The Editor of BMJ Military Health has been granted editorial freedom and BMJ Military Health is published in accordance with editorial guidelines issued by the World Asso-ciation of Medical Editors and the Committee on Publication Ethics. BMJ Military Health is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by BMJ Military Health does not imply endorsement. BMJ Publishing Group Limited shall not have any liability for any loss, injury or damage howsoever arising from BMJ Military Health (except for liability which cannot be legally excluded)

Copyright: C Author(s) (or their employer(s)) 2020. No commercial re-use. See rights and permissions. Published by BMJ.

BMJ Military Health is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Limited, Chennai, India and printed in the UK on acid-free paper.

BMJ Military Health (ISSN No 2633-3767) is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: send address changes to BMJ Military Health, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

The vision of the BMJ Military Health is to be recognised by our readership as the world leader in academic military healthcare and health advice. To this end the aim of the journal is to publish original research, contem porary reviews and provide healthcare policy and advice to enhance medical operational capability. It welcomes material from both within the military as well as beyond. It is intended not only to propagate current knowledge and expertise but also to act as an institutional memory for the practice of medicine within the military

Contents

Volume 166 Issue E | BMJ Military November 2020

Editorial

e1 Mefloquine for malaria prophylaxis in military personnel V Williamson, H Blamey, J Sharpley, A David,

N Greenberg

Original research

Running to breaking point? The relationship e3 between 1.5-mile run time and injury risk in female recruits during British Army basic training

R Heller, H Stammers

e8 Spatio-temporal analysis of colorectal cancer using a geographic information system in the Iranian military community during the period 2007-2016

A Khoshdel, M Alimohammadi, M Sepandi, Y Alimohamadi, P Jalali, M Janani

- Repatriation for diseases or non-battle injuries e13 (DNBI): long-term impact on guality of life E Huizinga, F J Idenburg, T T C F van Dongen, R Hoencamp
- Surgical outcomes for chronic exertional e17 compartment syndrome following improved diagnostic criteria C Simpson, D Roscoe, S Hughes, D Hulse, H Guthrie
- Improving the improvisational pelvic e21 circumferential compression technique for open-book pelvic fractures using a simulation model and a sphygmomanometer P P Rega, B Fink, M Sexton, J Schneiderman, E Kakish, N McKenzie, K Kenney, C Jones
- Evolution of military medicine literature: a e25 scientometric study of global publications on military medicine between 1978 and 2017 E Şenel

e34 Are battlefield and prehospital trauma scenarios an effective educational tool to teach leadership and crisis resource management skills to undergraduate medical students? M Ellington, S Farrukh

Social well-being of Iranian retired men of the e38 armed forces and their wives P Farokhnezhad Afshar, M Foroughan, F Pirooz, M Ajri

e43 For debate: advanced bleeding control potentially saves lives in armed forces and should be considered B L S Borger van der Burg, P Keijzers, TTCF van Dongen, OJF van Waes,

R Hoencamp

e47 Recommended medical and non-medical factors to assess military preventable deaths: subject matter experts provide valuable insiahts

> WY Harrison, J L Wardian, J A Sosnov, R S Kotwal, F K Butler, Z T Stockinger, S A Shackelford, J M Gurney, M A Spott, L N Finelli, E L Mazuchowski, D J Smith, I C Ianak

- e53 Noise-induced hearing loss in the military dental setting: a UK legislative perspective V R Ramsey, J Greenough, J Breeze EDITOR'S
- e57 Traumatic spinal cord injury in military personnel versus civilians: a propensity scorematched cohort study J C Furlan, D Kurban, B C Craven

e63 Combat medic course: evaluation of trainees' perception of learning and academic-self perception

A Çiçek, M Çetin

recycle When you have finished with this please recycle i

MORE CONTENTS ►



Contents

e66 CD28 deficiency attenuates primary blastinduced renal injury in mice via the PI3K/Akt signalling pathway

Y Liu, Y E Liu, C C Tong, P F Cong, X Y Shi, L Shi, X H Jin, Q Wang

Personal views

- e70 Can a weight management conditioning course help with armed forces recruitment? *R Cumpsty, S Makin, J Woodhouse*
- **e73** Japanese civilian and US military interaction in the evacuation of casualties from Camp Fuji Y Yanagawa, Y Oode, Y Adegawa, K Muramatsu, Y Kushida, H Nagasawa, I Takeuchi, K Jitsuiki, H Ohsaka, K Omori

Images in clinical practice

e75 Trichofolliculoma presenting in a deployed French soldier: fuzz that keeps you warm N Cazes, G Comat, É Romary, A Valois