

Aerospace Medicine and Human Performance

JUNE 2018 VOLUME 89 NUMBER 6

PRESIDENT'S PAGE

- 495 The Need for Global Connection and Collaboration**
R. Vermeiren

RESEARCH ARTICLES

- 496 The Differential Effect of Sustained Operations on Psychomotor Skills of Helicopter Pilots**
T. W. McMahon and D. G. Newman
- 503 Low Baseline Sympathetic Tone Correlates to a Greater Blood Pressure Change in the Cold Pressor Test**
M. Youssef, A. Ghassemi, C. M. Carvajal Gonczi, T. A. Kugathasan, R. D. Kilgour, and P. J. Darlington
- 510 Amplified Pilot Head Vibration and the Effects of Vibration Mitigation on Neck Muscle Strain**
H. E. Wright Beatty, A. J. Law, J. R. Thomas, and V. Wickramasinghe
- 520 Acute Exposure to Low-to-Moderate Carbon Dioxide Levels and Submariner Decision Making**
C. D. Rodeheffer, S. Chabal, J. M. Clarke, and D. M. Fothergill
- 526 Acute Mild Hypoxic Hypoxia Effects on Cognitive and Simulated Aircraft Pilot Performance**
F. Bouak, O. Vartanian, K. Hofer, and B. Cheung

REVIEW ARTICLE

- 536 Individual Differences in Adaptability to Isolated, Confined, and Extreme Environments**
P. T. Bartone, G. P. Krueger, and J. V. Bartone

SHORT COMMUNICATIONS

- 547 The Danger Zone for Noise Hazards Around the Black Hawk Helicopter**
H. G. Jones, N. T. Greene, M. R. Chen, C. M. Azcona, B. J. Archer, and E. R. Reeves
- 552 +Gz Exposure and Spinal Injury-Induced Flight Duty Limitations**
T. Honkanen, R. Sovelius, M. Mäntysaari, H. Kyröläinen, J. Avela, and T. K. Leino

CASE REPORTS

- 557 The Giant Hand Illusion Experienced on a Simulator**
P. Frantis and A. Petru
- 563 Spinal Stiffness in Prone and Upright Postures During 0–1.8 g Induced by Parabolic Flight**
J. Swanenburg, M. L. Meier, A. Langenfeld, P. Schweinhardt, and B. K. Humphreys

LETTER TO THE EDITOR

- 568 Letter to the Editor re: You're the Flight Surgeon: Foot Drop**
R. Hesselbrock

FEATURES

- 569 Science and Technology Watch: The Evolving Science of Drug Detection—P. Kemp**
- 572 You're the Flight Surgeon—R. L. Holmes**
- 576 Focus on Aerospace Medicine History: Use of the Fieseler "Stork" in World War II Aeromedical Evacuation—V. Harsch**
- 578 This Month in Aerospace Medicine History: June—W. W. Dalitsch III**

AEROSPACE MEDICAL ASSOCIATION NEWS

- 579 AsMA Constituent Organization Presidents for 2018–2019**