

Aerospace Medicine and Human Performance

DECEMBER 2018 VOLUME 89 NUMBER 12

PRESIDENT'S PAGE

- 1019 The AsMA Global Connection Story with IAC**
R. Vermeiren

RESEARCH ARTICLES

- 1022 Human-Machine Interface Degree of Freedom Effects on Performance in Space Telerobotics**
S. A. Hall and L. Stirling
- 1031 Acute Normobaric Hypoxia Exposure and Excess Post-Exercise Oxygen Consumption**
J. W. Navalta, E. A. Tanner, and N. G. Bodell
- 1036 Strategy Development Pilot Study of Sleep Restricted Operators Using Small Satellites with Displays**
J. Schneider, A. Saenz-Otero, E. Klerman, and L. Stirling
- 1045 Arterial Oxygen Saturation, Pulse Oximetry, and Cerebral and Tissue Oximetry in Hypobaric Hypoxia**
W. Ottestad, J. I. Kåsin, and L. Ø. Høiseith
- 1050 Preliminary Study of the Effects of Sequential Hypoxic Exposures in a Simulated Flight Task**
F. E. Robinson, D. Horning, and J. B. Phillips

REVIEW ARTICLES

- 1060 Fracture Risk in Spaceflight and Potential Treatment Options**
T. P. Swaffield, A. S. Neviasser, and K. Lehnhardt
- 1068 Behavioral Health Policy for Human Spaceflight**
N. P. Morris

SHORT COMMUNICATIONS

- 1076 Simulation Training for In-Flight Medical Emergencies Improves Provider Knowledge and Confidence**
A. Padaki, W. Redha, T. Clark, T. Nichols, L. Jacoby, R. Slivka, C. Ranniger, and K. Lehnhardt
- 1080 Army Aviators' Perceptions of Advanced Cockpit Aircraft**
K. A. Feltman, A. M. Kelley, and I. P. Curry

CASE REPORT

- 1085 Triage and Treatment of Mass Casualty Decompression Sickness After Depressurization at 6400 m**
S. Mancini, A. M. Crotty, and J. Cook

COMMENTARY

- 1089 Dilated Prelaminar Paravascular Spaces as a Possible Mechanism for Optic Disc Edema in Astronauts**
P. Wostyn, F. De Winne, C. Stern, and P. P. De Deyn

FEATURES

- 1092 You're the Flight Surgeon**—*S. H. Heidt, A. J. Lee, B. G. Carnes, and J. J. Pavelites*
- 1095 Focus on Aerospace Medicine History: U.S. Air Force Manned Orbiting Laboratory: Atmosphere Research**—*J. T. Webb, J. B. Charles, and M. R. Campbell*
- 1098 This Month in Aerospace Medicine History: December**—*W. W. Dalitsch III*
- 1099 Indexes to Volume 89, January–December 2018**