

Aerospace Medicine and Human Performance

Volume 87, Number 10

October 2016

PRESIDENT'S PAGE

AsMA, a Global Organisation

D. P. Gradwell

837

RESEARCH ARTICLES

Flipping a Switch “Down” When Not Aligned with the Gravitational Vertical

O. Bock and N. Bury

838

Distortion Product Otoacoustic Emissions and Intracranial Pressure During CSF Infusion Testing

M. A. Williams, J. Malm, A. Eklund, N. J. Horton, and S. E. Voss

844

Pitch-Plane Angular Displacement Perception During Helicopter Flight and Gondola Centrifugation

A. Tribukait, E. Bergsten, and O. Eiken

852

Prognostic Factors for Outcomes of In-Flight Sudden Cardiac Arrest on Commercial Airlines

P. M. Alves, C. A. DeJohn, E. M. Ricaurte, and W. D. Mills

862

Subjective Measurements of In-Flight Sleep, Circadian Variation, and Their Relationship with Fatigue

M. J. van den Berg, L. J. Wu, and P. H. Gander

869

Middle Ear Resonance Frequency in Pilots and Pilot Candidates

M. M. Tuncer, S. T. Babakurban, and E. Aydin

876

REVIEW ARTICLE

Screening and Mitigation of Layperson Anxiety in Aerospace Environments

R. A. Mulcahy, R. S. Blue, J. L. Vardiman, T. L. Castleberry, and J. M. Vanderploeg

882

SHORT COMMUNICATIONS

Spatial Disorientation Training in the Rotor Wing Flight Simulator

N. Powell-Dunford, A. Bushby, and R. A. Leland

890

Elevated End-Tidal PCO₂ During Long-Duration Spaceflight

R. L. Hughson, N. J. Yee, and D. K. Greaves

894

CASE REPORTS

Lipid Subhyaloid Maculopathy and Exposure to High Altitude

R. R. Petrocinio and E. D. Gomes

898

Fighter Pilot with Recurrent Central Serous Chorioretinopathy

K. C. Dietrich

901

FEATURES

906 **You're the Flight Surgeon**—*C. R. Lenz, J. L. Shields, and A. O. Morgan*

910 **This Month in Aerospace Medicine History**—*W. W. Dalitsch III*