

Aerospace Medicine and Human Performance

JUNE 2024 VOLUME 95 NUMBER 6

PRESIDENT'S PAGE

- 289 **Guiding the Next Generation: The Vital Role of Mentorship in Aerospace Medicine**
R. Orford

RESEARCH ARTICLES

- ⊗ 290 **Modafinil Subjectively Does Not Impair Sleep in Aviators After a Period of Extended Wakefulness**
Y. Q. Wingelaar-Jagt, T. T. Wingelaar, W. J. Riedel, and J. G. Ramaekers
- 297 **Oscillations of Hemodynamic Parameters Induced by Negative Pressure Breathing in Healthy Humans**
Y. S. Semenov, I. S. Melnikov, P. V. Luzhnov, and A. I. Dyachenko
- 305 **Pilot Perceptions of Wire Strikes in Agricultural Aviation Operations**
H. M. Baumgartner, R. DiDomenica, P. T. Hu, and S. Thomas
- 313 **A Grounded Theory Exploration of Addictions Treatment Within a Commercial Airline Setting**
J. Nairn, E. Bell, J. Myers, M. Higgins, B. Johnston, and G. Newton-Howes

REVIEW ARTICLE

- ⊗ 321 **Worldwide Regulation of the Medical Emergency Kit and First Aid Kit**
A. T. B. Oliveira

SHORT COMMUNICATION

- 327 **A Novel 3D-Printed Gravity-Independent Air-Eliminating Filter for Rapid Intravenous Infusions**
A. Formanek, J. Townsend, M. P. Ottensmeyer, and T. H. Kamine

CASE REPORTS

- 333 **Orbital Solitary Fibrous Tumor in a Commercial Airline Pilot**
M. Altinbas, A. Ozpinar, M. Akbaba, S. A. Nacaroglu, M. Sargolzaeimoghaddam, and M. Sargolzaeimoghaddam
- 337 **Functional Dyspepsia and Tricyclic Antidepressant Use in a Naval Flight Officer**
R. Crutcher and N. Kolasinski

FEATURES

- 341 **Aerospace Medicine Clinic**—*M. Rejcek and C. Nolt*
- 344 **This Month in Aerospace Medicine History: June**—*W. W. Dalitsch III*

AEROSPACE MEDICAL ASSOCIATION NEWS

- 345 **2024–2025 Constituent Organization Presidents**
- 349 **Research Assistance Requested**
- 350 **Obituary Listing**
- 350 **New Corporate Member**