

Aerospace Medicine and Human Performance

MARCH 2021 VOLUME 92 NUMBER 3

PRESIDENT'S PAGE

- 137 Where We've Been and Where We're Going**
C. DeJohn

RESEARCH ARTICLES

- 138 Decompression Sickness Risk Assessment and Awareness in General Aviation**
M. F. Harrison, W. P. Bulter, M. H. Murad, and G. N. Toups
- 146 Incidental Finding Prevalences in 3-Tesla Brain and Spine MRI of Military Pilot Applicants**
S.-E. Sönksen, R. R. Kühn, H.-J. Noblé, H. Knopf, J. Ehling, F. M. Jakobs, J. Frischmuth, and F. Weber
- 153 Protein Intake and Physical Performance Following Long-Term Stay on the International Space Station**
Y. Nozawa and Y. Wagatsuma
- 160 Exercises and Skin Physiology During International Space Station Expeditions**
N. Braun, B. Hunsdieck, C. Theek, K. Ickstadt, and U. Heinrich
- 167 Self-Medication Among Ab Initio Pilots**
B. Kilic
- 172 Night Vision Goggle and Counterweight Use Affect Neck Muscle Activity During Reciprocal Scanning**
L. A. Healey, A. J. Derouin, J. P. Callaghan, D. S. Cronin, and S. L. Fischer
- 182 Middle Ear Barotraumas in Commercial Aircrew**
O. H. Lindfors, K. S. Ketola, T. K. Klockars, T. K. Leino, and S. T. Sinkkonen

REVIEW ARTICLE

- 190 Stimulant Use as a Fatigue Countermeasure in Aviation**
A. M. Ehlert and P. B. Wilson

CASE REPORTS

- 201 Weekly Bone Loading Exercise Effects on a Healthy Subject's Strength, Bone Density, and Bone Biomarkers**
A. Tsung, D. Jupiter, J. Jaquish, and J. Sibonga
- 207 Comparison of Internal Jugular Vein Cross-Section Area During a Russian Tilt-Table Protocol and Microgravity**
J. David, R. A. Scheuring, A. Morgan, C. Olsen, A. Sargsyan, and A. Grishin

FEATURES

- 212 This Month in Aerospace Medicine History: March—W. W. Dalitsch III**