Aerospace Medicine and Human Performance

JANUARY 2019 VOLUME 90 NUMBER 1

EDITORIAL

Thank You ... and Some Journal Changes

F. Bonato

PRESIDENT'S PAGE

2 The AsMA Global Connection Story with the EU Chief Medical Officers Forum

R. Vermeiren

RESEARCH ARTICLES

- 4 A Year on the International Space Station: Implementing a Long-Duration Biomedical Research Mission J. B. Charles and R. A. Pietrzyk
- 12 Precooling, Exertional Heatstroke Risk Factors, and Postexercise Cooling Rates T. M. Wohlfert and K. C. Miller
- 18 Individual Attributes, Values, and Goals of an All-Military Women Antarctic Expedition J. Blackadder-Weinstein, G. R. Leon, R. C. Norris, N. C. Venables, and M. Smith
- 26 Reliability of the Thai Version of the Motion Sickness Susceptibility Questionnaire Short-Form T. Asawavichienjinda and S. Patarapak
- Resisted and Endurance High Intensity Interval Training for Combat Preparedness

 J. G. Tornero-Aguilera and V. J. Clemente-Suárez
- 37 Returning Aircrew with Chronic Hepatitis B Back to Flying While on Nucleos(t)ide Analogues D. Tan, C. Kwan, B. B. C. Tan, and W. H. Gan

SHORT COMMUNICATIONS

- 43 Urea and Minerals Monitoring in Space Missions by Spot Samples of Saliva and Urine G. Bilancio, P. Cavallo, C. Lombardi, E. Guarino, V. Cozza, F. Giordano, and M. Cirillo
- 48 Rest and Activity Patterns of Army Aviators in Routine and Operational Training Environments K. A. Bernhardt, A. M. Kelley, K. A. Feltman, and I. P. Curry

CASE REPORT

53 Superficial Temporal Artery Aneurysm in a Helicopter Pilot Operating at High Altitude B. M. Sekhar, S. Sheoran, D. Routh, and S. Sharma

TECHNICAL NOTE

58 Ultrasound Guided Lumbar Puncture and Remote Guidance for Potential In-Flight Evaluation of VIIP/SANS D. J. Lerner, R. S. Chima, K. Patel, and A. J. Parmet

FEATURES

- **63** You're the Flight Surgeon—S. Dillard
- 65 Focus on Aerospace Medicine History: History of the Health Maintenance Facility for Space Station Freedom—M. R. Campbell
- 68 This Month in Aerospace Medicine History: January—W. W. Dalitsch III