



REPORT FROM THE 94TH ANNUAL MEETING OF THE AEROSPACE MEDICAL ASSOCIATION

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Report: The 94th Annual Meeting of the Aerospace Medical Association (AsMA) took place on May 5-9, 2024, at the Hyatt Regency in Chicago. The meeting emphasized the importance of a multidisciplinary and international approach to aerospace medicine, bringing together experts from various fields to discuss current challenges and future directions in this discipline. The meeting program focused on six main categories: aerospace medicine, space medicine, medical standards, FAA medical research, human performance, and accident investigation. The sessions covered the latest findings in aerospace and space medicine, human performance, and related areas such as flight nursing, aviation physiology, and human systems integration. The program opened on Sunday, May 5, with the inauguration ceremony. On Monday, May 6, sessions addressed pilot spatial disorientation and clinical practice guidelines, as well as presentations on the evolution of space medicine and innovations in precision medicine. On Tuesday, May 7, a panel on screening and toxicology in the context of aerospace medicine was held, along with sessions on astronaut mental health and health issues related to g-forces. Wednesday, May 8, featured activities focused on safety and performance in aviation and new technologies in space medicine. Participants also had an opportunity to exchange experiences from different regions of the world. The final day of the meeting, Thursday, May 9, was devoted to summary sessions and discussions of conclusions drawn from the entire event. Key takeaways from the meeting highlighted the importance of collaboration among various areas of aerospace medicine, which can contribute to improved health and safety of flight personnel.

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Participants shared knowledge on innovations that may positively influence the mental and physical health of astronauts and pilots. In addition, the need for further research on human performance and health in extreme conditions was emphasized. The 94th Annual Meeting of the Aerospace Medical

Association served as an important platform for sharing knowledge and experience in aerospace and space medicine. Participants underscored the importance of research and innovation in ensuring the safety and health of personnel in aviation and in future space missions.

AUTHORS' DECLARATION

Manuscript preparation: Katarzyna Sowa. The Author declares that there is no conflict of interest.