

AsMA 94th Annual Scientific Meeting Educational Information

The Aerospace Medical Association's 2024 Annual Scientific Meeting was held in Chicago, IL, USA. The theme for this year's Annual Scientific Meeting was "Honoring the Past ... Preparing for the Future." With emerging technology and new entrants into the aviation and space environment, it is now more important than ever to encourage the next generation of young people to consider entering career fields like aerospace medicine, engineering, aviation operations, maintenance, and air traffic control to name a few. To quote a staff member, "if a young person can't see it, they can't be it." Many of our youth have no awareness of the career opportunities in aerospace medicine. We need to be out in our schools and youth organizations telling our story. In addition, AsMA members will need to maintain a full awareness and, in many cases, a working knowledge of innovations so we can better respond to the needs of the aviation and space community. The future will require us to think differently as the airspace system changes.

EDUCATIONAL OBJECTIVES & BENEFIT

Based upon responses to a survey provided at the end of the 93rd Annual Scientific Meeting in New Orleans, LA, the top six categories our members indicated a need for more information in were: Aerospace Medicine; Space Medicine; Medical Standards; FAA Medicals; Human Performance; and Accident Investigation. The 94th Annual Scientific Meeting program was focused on these six major categories. Sessions covered the latest findings in aviation and space medicine, human performance, and related fields such as aerospace nursing, aerospace physiology, and human systems integration.

The scientific program was focused on meeting stated objectives. Participants learned: (1) principles of evidence-based medicine, operational risk management, and aeromedical decision-making in aircrew selection and clinical aerospace medicine practice; (2) evolving trends and best practices in aerospace medicine; (3) techniques for analyzing mechanical, human performance, and systems integration factors in aviation mishaps and safety programs; (4) mechanical, biological, social, cognitive, environmental stress, and systems factors that impact on optimal human performance and decision making in the full spectrum of aerospace operations; and (5) ethical principles to aerospace medicine decision-making and competencies in professionalism and systems-based practice in the application of aerospace medicine skills, teamwork, and interoperability in a multi-discipline professional environment.

KEY TOPICS

Key topics included: Space Medicine; three plenary lectures on aspects of aerospace medicine and aerospace operations; workplace stress and mental health; Aeromedical Grand Rounds and "RAM Bowl"; emerging technologies; hypoxia, acceleration, and high-altitude medical issues; spatial disorientation; patient safety and air transport medicine issues; in-flight medical events; human systems integration; human performance in aviation; aviation safety in civil and military settings; and aviation medicine case studies.

CREDIT HOURS FOR ATTENDANCE

The Undersea and Hyperbaric Medical Society designated this live activity for a maximum of 23.0 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing CEUs: This nursing continuing professional development activity was approved by Montana Nurses Association, an accredited approver with distinction by the American Nurses Credentialing Center's Commission on Accreditation.

ABPM CONTINUING CERTIFICATION PROGRAM (CCP)

The ABPM's CCP was developed in compliance with the new Standards for Continuing Certification mandated by the American Board of Medical Specialties and in response to feedback from ABPM Diplomates, who wanted a simpler but more meaningful program, and who overwhelmingly preferred an innovative alternative to the traditional high-stakes, point-in-time Maintenance of Certification (MOC) exam.

To ensure a smooth transition to the CCP, ABPM is introducing the new program in three separate and distinct phases.

Phase 1: 2023-2024

In Phase One of the transition, in effect for calendar years 2023 and 2024, Diplomates have only three annual requirements:

1. Maintain a current, valid, and unrestricted medical license in every U.S. state, U.S. territory, or Canadian province in which the Diplomate holds a license to practice medicine;
2. Pay the annual fee using the ABPM's Physician Portal;
3. Attest to earning 20 *AMA PRA Category 1 Credits*[™] (using the ABPM's Physician Portal)
 - Six of the credits must be relevant to Diplomates' ABPM Certification(s). Diplomates will choose for themselves which CME courses are relevant to the ABPM Specialties or Subspecialties in which they are Certified.

Phase 2: 2025-2029

Phase Two of the transition will begin in January 2025 and continue through December 2029, and will include an expansion of its LAP pilot for each ABPM Specialty and Subspecialty. The LAP will be an open-resource assessment that includes 30 questions annually, designed to be an innovative replacement for the traditional, high-stakes, point-in-time MOC exam.

Phase 3: 2030 and beyond

Finally, in January 2030, ABPM will launch Phase Three that will include both the annual CME and LAP requirements as well as an Improvement in Health and Healthcare component, the details of which are in development and will be shared once they have been finalized.

MEETING EVALUATIONS AND CME CREDIT

For CME credit, it is imperative that you reply to the post-meeting evaluation and answer all of the questions. Your evaluations are very important to us as they convey your educational needs and help us plan the academic program for the following year. In addition, this is an Accreditation Council for Continuing Medical Education (ACCME) requirement.

AsMA'S EDUCATIONAL MISSION

The Aerospace Medical Association's Annual Scientific Meeting is a forum in which the newest information on safe-guarding human life in flight environments is presented. During the rest of the year, the Association's monthly journal, *Aerospace Medicine and Human Performance*, fulfills this function.

Further information on the Aerospace Medical Association may be obtained by visiting our website at www.asma.org, by calling (703) 739-2240, or by writing to: Aerospace Medical Association, 320 S. Henry Street, Alexandria, VA 22314-3579.

Recording of sessions: The plenary lectures were videotaped and offered online following the meeting. All slides and panel sessions were live captured and made available to all paid registrants.

Accreditation Statement: This activity was planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Undersea and Hyperbaric Medical Society and the Aerospace Medical Association. The Undersea and Hyperbaric Medical Society is accredited by the ACCME to provide continuing medical education for physicians. Full Disclosure Statement: All faculty members and planners participating in continuing medical education activities sponsored by the Aerospace Medical Association are expected to disclose to the participants any relevant financial relationships with ineligible companies. Full disclosure of all individuals in control of content and their relevant financial relationships was made at the activity.

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