Augmented intelligence in medicine

Artificial intelligence vs. augmented intelligence

The AMA House of Delegates uses the term augmented intelligence (AI) as a conceptualization of artificial intelligence that focuses on AI’s assistive role, emphasizing that its design enhances human intelligence rather than replaces it.

Featured updates

AMA partners with technology and health care leaders to bring physicians critical insights on AI’s potential applications and ensure that physicians have a voice in shaping AI’s role in medicine.

- To develop actionable guidance for trustworthy AI in health care, the AMA reviewed literature on the challenges health care AI poses and reflected on existing guidance. These findings are published in a new paper in Journal of Medical Systems: Trustworthy Augmented Intelligence in Health Care.
- Announcing the new AMA Intelligent Platform’s CPT® Developer Program, allowing developers to access the latest content and resources. Access the Developer Portal on the AMA Intelligent Platform.
- AMA publishes Appendix S to provide guidance for classifying various artificial intelligence/augmented intelligence (AI) applications. Learn more or download Appendix S (PDF).
- Kimberly Lomis, MD, AMA vice president of undergraduate medical innovations, co-authors a discussion paper on Artificial Intelligence for Health Professions Educators in NAM Perspectives.

CPT® and AI

The current CPT® code set drives communication across health care by enabling the seamless processing and advanced analytics for medical procedures and services.
AMA offers several resources to provide guidance on the updated CPT® code set for classifying various AI applications as well as advisory expertise through the Digital Medicine Payment Advisory Group (DMPAG). DMPAG identifies barriers to digital medicine adoption and proposes comprehensive solutions on coding, payment, coverage and more.

Stay up-to-date on the criteria for CPT® codes, access applications and read frequently asked questions.

**Latest AI news**

Learn how AI is being used in health care as the medical community’s understanding of the application grows. AMA articles focus on ways coding content advances to reflect the emergence of digital health and diagnostics, and how AI should be incorporated into physician training.

Stay up-to-date on information about health care AI, including the latest news, trends and AMA statements.

**AI and practice management**

The technological capacity exists for AI algorithms and tools to transform health care, but real challenges remain in ensuring that tools are developed, implemented and maintained responsibly in your practice. Learn more with the AMA.

**AMA Board reports and policy**

AMA Board of Trustees is responsible for implementing AMA policy. Given the number of stakeholders and policymakers involved in the evolution of AI in health care, it is important that AMA not only adopt a base level of policy to guide engagement but equally continue to refine policy as this technology develops.

AMA Board reports included here summarize the need for additional AMA policy on AI. Through the AMA PolicyFinder, users can search for current AI policy initiatives.

**AI learning on JAMA Network™ and Ed Hub**


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Explore the components of AI in health care and delve into the potential challenges and opportunities for physicians.