

DIGITAL HEALTH MODALITIES

Augmented Intelligence (AI)-Enabled Services

Coding: See CPT Appendix P or T

Augmented intelligence (AI), often called artificial intelligence, is increasingly becoming integral in enhancing remote health care. The American Medical Association's (AMA) CPT Editorial Panel classifies different types of AI, differentiating the work that is done by the machine (i.e. the AI software or tool) and the work that is done by a human (i.e. physician or qualified health care provider): ¹

- › **Assistive AI:** The work performed by the machine on behalf of the physician or qualified health care provider. The machine is not coming up with a deep analysis or conclusion and requires a qualified health care professional. Examples include chatbots and virtual assistants.
- › **Augmentative AI:** The work performed by the machine for the physician or qualified health care professional that automatically analyzes or quantifies data for a clinically meaningful output, later requiring a physician or provider to interpret and report the output. Examples might include a remote patient monitoring tool that analyzes data from wearables or home monitoring devices, flagging abnormalities such as irregular heart rates for providers to review later.
- › **Autonomous AI:** The AI software is automatically interpreting data and independently coming up with clinically meaningful conclusions without involvement from a physician or qualified health care professional. Examples might include autonomous chatbots that engage patients in therapeutic exercises without needing human oversight, providing stand-alone mental health support or systems that independently analyze medical images for early detection of a condition.

AI-enabled telehealth services are included in CPT Appendix P, which captures services delivered by synchronous audio-video technology, and Appendix T, which covers asynchronous audio-video technology services. ²



TIP

Always consider reviewing the requirements for reporting and billing related to AI-enabled services, as specific guidelines cover the use of these codes.

References

- 1 American Medical Association. (2024, July 19). CPT appendix S: AI taxonomy for Medical Services & Procedures. <https://www.ama-assn.org/practice-management/cpt/cpt-appendix-s-ai-taxonomy-medical-services-procedures>
- 2 Robeznieks, A. (2023, December 20). CPT code set facilitates development of useful AI-powered devices. American Medical Association. <https://www.ama-assn.org/practice-management/cpt/cpt-code-set-facilitates-development-useful-ai-powered-devices>