

Educational Policy Title: Usage Policy for Generative Artificial Intelligence (GenAI)-Powered Tools in the Clinical Learning Environment

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(A) PURPOSE

The purpose of this policy is to outline responsible and acceptable use of generative artificial intelligence (GenAI) powered tools by medical students in the clinical learning environment at the University of Massachusetts T.H. Chan School of Medicine (SOM).

(B) SCOPE

This policy applies to all students enrolled in the SOM

(C) DEFINITIONS

- **AI:** Artificial Intelligence
- **GenAI:** Generative artificial intelligence
- **GenAI Tools:** In this policy, GenAI tools means software applications used to produce new content—such as text, images, code, or audio—based on user input. Examples include end user prompting tools such as, but not limited to, Copilot, ChatGPT, or similar tools (for text generation), Grammarly (for writing enhancement), DALL·E (for image generation), GitHub Copilot (for code generation), AI-powered natural language consultation tools such as OpenEvidence and UpToDate Expert AI, AI clinical assistants (e.g. ambient scribes such as Nuance DAX or Doximity)
- **EHR:** Electronic Health Record
- **PHI/PII:** Protected health information/Personally identifiable information

(D) POLICY STATEMENT

GenAI technology has been widely deployed in the clinical environment to support physicians in their day-to-day work. They hold the promise of increasing efficiency, allowing rapid and targeted access to knowledge, and improving diagnostic accuracy but also hold the possibility of disrupting development of clinical skills if they are introduced to a learner without guidance prior to initial skill acquisition. It is important for students to be able to leverage the assistance and support that GenAI technology can offer in a way that augments learning and efficiency, while maintaining independent development of foundational skills such as clinical reasoning, clinical decision-making, and critical

appraisal. As such, clearly articulated parameters around GenAI use in clinical education are necessary to support students in achieving these goals.

This policy is a supplement to the SOM Usage Policy for GenAI-Powered Tools and provides guidance on the appropriate use of GenAI in the clinical environment to ensure learners can have appropriate exposure to and training in use of GenAI in a manner that reinforces mastery of course learning objectives.

This policy is in effect whenever students are participating in learning activities in a clinical environment. In addition to this educational policy, students are reminded of the following:

- The GenAI policy of the clinical system in which a student is practicing is applicable and enforceable via sanctions from the relevant clinical system.
- Additional specific guidance around GenAI use within any given course should be reviewed in the course syllabus

The official suite of GenAI tools available to the UMassChan community is offered through [UMass Chan AI Commons](#). UMass Chan AI Commons provides GenAI guidance, policies, and training as well as private GenAI tools that allow for input of some materials (such as internal course materials) that are not allowed in public GenAI tools.

Appropriate Use of GenAI Tools

Students are permitted to use GenAI tools in the clinical learning environment to support their academic work, provided that their use aligns with the following guidelines:

1. **Allowed Uses:** In general, the principle guiding GenAI usage in the clinical education setting is GenAI cannot replace core cognitive work, but rather can support, augment, or reinforce learning.

To protect intellectual property, licensing agreements, and academic ownership, educational materials that may be copyrighted or proprietary should be used only within institutionally approved LLM platforms, such as those offered through UMass Chan AI Commons. Users should refrain from submitting such materials to external GenAI systems that are not authorized by UMass Chan Medical School.

Some specific allowed usages are provided below:

- **Outlining:** Using GenAI to help brainstorm or organize ideas into a structured outline for written assignments.
- **Summarizing Documents:** Using GenAI to create summaries of articles, research papers, or other readings, provided the summary is treated as a preliminary resource and not a substitute

for a full reading. GenAI (such as AI scribes) should not be used to create summaries of meetings as this can contain PHI/PII.

- **Editing and Proofreading:** Leveraging tools for grammar checks, clarity improvements, or stylistic refinements.
- **Supplementary Learning:** Using GenAI for explanations of course concepts or generating study questions. Students may use GenAI-powered natural language consultation tools for evidence-based clinical queries (OpenEvidence, UpToDate) with citation of its use
- Students may use GenAI features that are embedded within institutionally provided platforms or workflows when such functionality is not optional. Examples include GenAI features embedded into radiographic image reconstruction, billing and coding, and chart summarization.
- **If there is GenAI usage not described here that the student believes aligns with the principle stated above, they should review its use with the course director for permission for usage**

2. Attribution Requirements:

- Any use of GenAI tools must be clearly disclosed in the submitted work. For example:
 - In an outline: "This outline was partially generated using ChatGPT for brainstorming and organization."
 - In a document summary: "A summary of [Title] was initially generated using ChatGPT and revised based on my reading of the text."
 - In an assignment: "These citations were aggregated and summarized through the use of OpenEvidence."
 - For editing: "Grammarly was used to refine grammar and clarity in this paper."

3. Student Responsibilities:

- **Verification:** Students are responsible for ensuring the accuracy, relevance, and reliability of any GenAI-generated content. GenAI outputs can contain errors, misinterpretations, and plagiarized text.
- **Understanding:** Summaries or outlines generated by GenAI do not replace the responsibility to engage with and understand assigned materials in depth. Relying solely on GenAI for comprehension will hinder learning and negatively impact academic development.
- **Supervision:** When GenAI output influences clinical judgment, students must review conclusions with their supervising clinician and should not act independently on GenAI-generated suggestions.

4. Prohibited Uses:

- Submitting GenAI-generated work as original content without modification and attribution.
- Using GenAI to generate differential diagnoses or management plans de novo

- Using GenAI to generate entire essays, responses, or projects.
- Use of ambient scribes (e.g. Nuance DAX/Microsoft Dragon Copilot, Doximity) is prohibited unless permission is granted from the course director. Students may use standard dictation software that is not powered by GenAI.
- Use of PHI/PII in publicly available GenAI tools is not permitted due to risk for data compromise; PHI/PII may only be used in GenAI tools that are approved by the medical school or clinical system for such use. Examples include:
 - Any individually identifiable health information
 - Research data that contains patient records or health identifiers
- Using GenAI outside those uses allowed by the policy of the clinical system in which a student is practicing with regards to electronic health record content or other aspects of the legal medical record.
- Using GenAI for completion of quizzes, exams, or any other graded assessment **unless explicitly approved within allowed uses or by course instructor.**
- Uploading copyrighted materials or any course materials to public GenAI tools.

Failure to adhere to these guidelines may result in academic penalties under the T.H. Chan School of Medicine Honor Code, Technical Standards and/or Professionalism guidelines and policies, as well as sanctions from the relevant clinical system.

(E) **RELEVANT BACKGROUND INFORMATION** *(optional)*

[SOM Usage Policy for Generative AI-Powered Tools](#)

This policy was reviewed in ChatGPT 5.2 to enhance clarity of language.

Submission Date:

Date Approved:

Approved by: *list relevant institutional leaders and/or committees*

Updated:

Effective Date: