

Preliminary Guidance on the Use of Artificial Intelligence in Human Research

The Carleton REB has undertaken some preliminary discussions about reviewing studies that involve artificial intelligence (AI), including the development of AI technologies and the use of AI tools in research. We hope to publish a more comprehensive guidance later, upon further consultation, but offer the following as preliminary guidance. If you have any thoughts or recommendations about these or other appropriate standards, or policy approaches for the REB review of AI research, please let us know at ethics@carleton.ca, or directly to Gordon DuVal at gordon.duval@carleton.ca.

In study submissions:

1. Researchers must disclose their use, development, or creation of AI at any stage of the research, including in data analysis. The proposed use of AI should be described in the Submission Form and the Consent Form(s).
2. Researchers must disclose any risks to participants associated with the use of AI, including those related to any possible breach of privacy.
3. So that participants are aware of all the uses of their data, researchers must disclose if the AI uses participants' data for any other purpose, or benefits the AI owners, including using participant data to train the AI.