

# Ethical Review Certificate

Project Application: Yongqiao Li

Project Duration: September 2023 to August 2026

Reviewing Institution: Ethics Review Committee of Guangdong Maoming Health Vocational College

Review Date: September 10, 2024

## **Certification Content:**

The Ethics Review Committee of Guangdong Maoming Health Vocational College has conducted a comprehensive ethical review of the project titled "Nursing Virtual Simulation Curriculum Teaching Experiment at Guangdong Maoming Health Vocational College" in accordance with the principles outlined in the Declaration of Helsinki (2013 Revision). The Committee hereby certifies that the project adheres to the following ethical standards:

- 1. Principle of Respect for Persons and Informed Consent.** The project demonstrates respect for the autonomy, dignity, and privacy of participating students. Informed consent was obtained through a process that ensured potential participants, or their legal guardians where applicable, were fully informed about the study's purpose, procedures, potential risks, and benefits, as well as their right to withdraw at any time without penalty. The consent process was documented, and participants were given adequate opportunity to consider their decision and seek clarification.
- 2. Principle of Beneficence and Non-Maleficence.** The project's potential benefits, including enhanced practical skills and professional competence in nursing students, are deemed to outweigh the minimal risks associated with virtual simulation technology. The technology employed is non-invasive and poses no physical or psychological harm. Furthermore, the project team has implemented robust safety protocols to mitigate any potential risks and ensure participant well-being.
- 3. Principle of Justice.** The project design, implementation, and analysis adhere to principles of fairness and equity. All participating students have equal access to the benefits of the virtual simulation curriculum, and the selection of participants avoids any form of undue influence or coercion.
- 4. Scientific Validity and Ethical Review.** The project is grounded in sound scientific principles and aims to improve nursing education through innovative pedagogy. The research protocol was rigorously reviewed and approved by the Ethics Review Committee, which operates independently and transparently, free from undue influence. The Committee assessed the protocol's compliance with national regulations, international ethical standards, and the principles of the Declaration of Helsinki.
- 5. Protection of Vulnerable Populations.** While this project does not specifically target vulnerable populations, the Committee ensures that all participants are treated with respect and dignity, and that their rights and welfare are protected throughout the study.
- 6. Privacy and Confidentiality.** Strict measures are in place to protect the privacy and confidentiality of participants' personal information. Data collection, storage, and usage comply with relevant laws, regulations, and institutional policies.

**Conclusion of the Ethics Review Committee:**

Based on the thorough ethical review conducted, the Ethics Review Committee of Guangdong Maoming Health Vocational College confirms that the "Nursing Virtual Simulation Curriculum Teaching Experiment at Guangdong Maoming Health Vocational College" project aligns with the ethical principles and standards set forth in the Declaration of Helsinki (2013 Revision). The Committee grants approval for the project to proceed.

Signature of the Chair of the Ethics Review Committee: 

Stamp of the Ethics Review Committee:



Note: This certificate is issued in duplicate. One copy is retained by the project applicant, and the other is archived by the Ethics Review Committee for future reference.