

Informed Consent Form

Study title: Selection and validation of a machine learning-based predictive model for compassion fatigue in nursing interns

Study institution: Shantou University Medical College

Approved No. of ethic committee: SUMC-2025-024

Dear Participants:

We, nursing department of Shantou University Medical College, are studying compassion fatigue among nursing interns. We request your participation in this study. Details will be provided to help you decide whether to participate; please read carefully.

Compassion fatigue is a common issue among nursing interns. Prolonged exposure to patients' pain and traumatic situations could lead to physical and psychological exhaustion as well as functional impairments. We aim to investigate the prevalence of compassion fatigue among nursing students, and develop a predictive model to facilitate the early identification and intervention of compassion fatigue.

There is no risk to you and your privacy at all. You will be asked to answer a series of questions related to the research topic, including: general demographic information, internship experience, working pressure, social support status, and so on. The entire process is expected to take less than 30 minutes.

Your participation is voluntary, anonymous, and confidential. The data associated with you will only be used for education and research purpose and for publication if we find the results significant for public. You can quit your participation at any time. Just inform our study staff.

You may contact us for any questions or concerns by mail (22mahuang@stu.edu.cn) or by phone at 18824774729; alternatively, you may call 0754-88900416 to contact the Ethics Committee of Shantou University Medical College.

Please check the below "Informed Consent" box to confirm your acceptance.

☐ I have read and understood the above information, am aware of all matters related to participation in this study, and voluntarily agree to participate in this study.

Thanks for your participation.