UNIVERSITY OF NORTH TEXAS®

Informed Consent Notice

TITLE OF RESEARCH STUDY: An Investigation of Computerized Physician Order Entry System Among U.S. Health Care Professionals Using Activity Theory.

RESEARCH TEAM: Xiaoyan Liu, ITDS Department, Xiaoyan.liu@unt.edu (Student Investigator). Mary Jones, ITDS department, 940-565-3167, Mary.Jones@unt.edu (PI). The project is part of Xiaoyan Liu's dissertation being conducted under the supervision of Dr. Mary Jones.

You are being asked to participate in a research study. Taking part in this study is voluntary. The investigators will explain the study to you and will any answer any questions you might have. It is your choice whether or not you take part in this study. If you agree to participate and then choose to withdraw from the study, that is your right, and your decision will not be held against you.

You are being asked to take part in a research study examining factors that foster CPOE use and benefits of that use. Findings will be used to provide insight on how healthcare professionals may make even more effective use of CPOE.

Your participation in this research study involves completing survey questions regarding daily use of CPOE in the workplace, which will take about 10 - 15 minutes of your time. More details will be provided in the next section.

You might want to participate in this study if you want to share your perceptions of the utilization of CPOE system in the workplace. However, you might not want to participate in this study if you are not interested in the subject of the utilization of the CPOE system.

You may choose to participate in this research study if you are working at a U.S. hospital/clinic and are using CPOE for direct patient care.

The reasonable foreseeable risks or discomforts to you if you choose to take part is risk similar to a person's everyday use of the internet, which you can compare to the possible benefit of helping researchers and practitioners better understand the utilization of the CPOE system in U.S. hospitals/clinics. You will not receive compensation for participation.

DETAILED INFORMATION ABOUT THIS RESEARCH STUDY: The following is more detailed information about this study, in addition to the information listed above.

PURPOSE OF THE STUDY: The purpose of the study is to examine factors that foster CPOE use and benefits of that use. Findings will be used to provide insight on how healthcare professionals may make even more effective use of CPOE.

TIME COMMITMENT: 10 – 15 minutes of your time.

STUDY PROCEDURES: You will be asked to participate in a research study which involves completing survey questions regarding your opinions of CPOE use in the workplace.

POSSIBLE BENEFITS: This study may help better inform our collective understanding about how CPOE systems can better benefit the healthcare professionals who use them.

POSSIBLE RISKS/DISCOMFORTS: Participation in this online survey involves risks to confidentiality similar to a person's everyday use of the internet and there is always a risk of breach of confidentiality. Study data will be physically and electronically secured by the research team. As with any use of electronic means to store data, there is a risk of breach of data security. If you experience excessive discomfort when completing the research activity, you may choose to stop participating at any time without penalty. The researchers will try to prevent any problem that could happen, but the study may involve risks to the participant, which are currently unforeseeable. UNT does not provide medical services, or financial assistance for emotional distress or injuries that might happen from participating in this research. If you need to discuss your discomfort further, please contact a mental health provider, or you may contact the researcher who will refer you to appropriate services.

If your need is urgent, you can contact the following 24-hour resource, National Suicide Prevention Hotline at 1-800-273-8255.

COMPENSATION: There is no direct compensation for participants. However, survey participants are provided with another survey form to include their email addresses if they want a summarized copy of the results of the study. The form is not linked to the research survey.

CONFIDENTIALITY: Efforts will be made by the research team to keep your personal information private, including research study, and disclosure will be limited to people who have a need to review this information. All paper and electronic data collected from this study will be stored in a secure location on the UNT campus and/or a secure UNT server for at least three (3) years past the end of this research on a password-protected UNT computer. Research records will be labeled with a code and the codes will be maintained in a separate and secure location.

Participation in this online survey involves the potential for the loss of confidentiality similar to a person's everyday use of the internet.

The results of this study may be published and/or presented without naming you as a participant. The data collected about you for this study may be used for future research studies that are not described in this consent form. If that occurs, an IRB would first evaluate the use of any information that is identifiable to you, and confidentiality protection would be maintained.

While absolute confidentiality cannot be guaranteed, the research team will make every effort to protect the confidentiality of your records, as described here and to the extent permitted by law. In addition to the research team, the following entities may have access to your records, but only on a need-to-know basis: the U.S. Department of Health and Human Services, the FDA (federal regulating agencies), the reviewing IRB, and sponsors of the study.

This research uses a third party software called Qualtrics and is subject to the privacy policies of this software noted here: https://www.qualtrics.com/privacy-statement/

CONTACT INFORMATION FOR QUESTIONS ABOUT THE STUDY: If you have any questions about the study you may contact Xiaoyan Liu at Xiaoyan.liu@unt.edu. Any questions you have regarding your rights as a research subject, or complaints about the research may be directed to the Office of Research Integrity and Compliance at 940-565-4643, or by email at untirb@unt.edu.

☐ I have read the consent information and **agree to** take part in the research
☐ **I do not agree** to take part in the research

General Survey Instructions:

A computerized physician order entry (CPOE) system refers to a type of health information technology used primarily in hospitals or clinics. It is designed for health care professionals (e.g. physicians, nurses, or pharmacists, etc.) to enter medical instructions and orders directly through a digital interface of a computer-based system instead of through word processor documents or paper charts.

Please read each question carefully and respond to the questionnaire. Your reactions and opinions concerning the questions presented in this study are highly desired so that we can make necessary adjustments.

There are no right or wrong answers. Please respond openly and honestly knowing that your answers are completely confidential.

Thank you!