

Effectiveness of an Electronic Submission System in Research Ethics Review:

A Case Study of Faculty of Nursing, Chiang Mai University

REFON-CMU

Research Ethics Committee

Faculty of Nursing,
Chiang Mai University

Establish since 2003

<https://ethics.nurse.cmu.ac.th>



PATOMPONG KHAW- ON

Position:

- Researcher, Faculty of Nursing, Chiang Mai University
- Secretariat, Research Ethics Committee, Faculty of Nursing, Chiang Mai University

Education:

- B.Sc. in Medical Technology, Chiang Mai University
- M.Sc./Ph.D. in Biochemistry, Faculty of Medicine, Chiang Mai University

Research Focus:

Biomaterial, Nursing Informatics, Public health care

Academic Contribution:

Instrument development for clinical observations in nursing research, Statistic in Nursing research

Contact:



Mission

Ethical Considerations for Research Involving Human Subjects at the Faculty of Nursing
It is crucial to ensure that research conducted by Faculty of Nursing staff, graduated students, and within the Faculty adheres to ethical guidelines when involving human subjects.



- Reviewing research protocol and giving approval/favorable opinion based on basic ethical principles

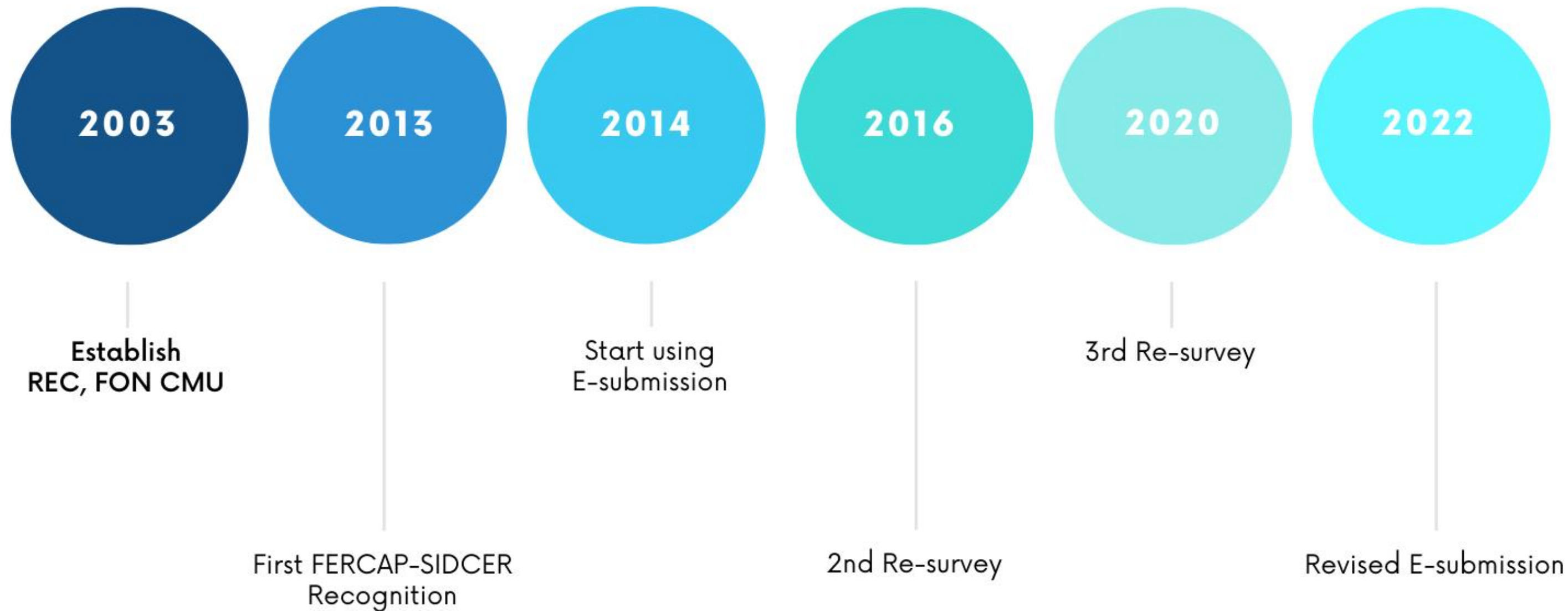


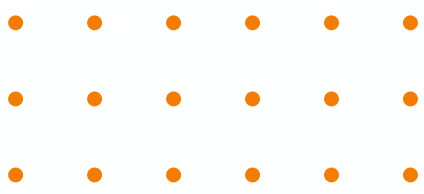
- Consulting with and advising FON, its members, and the public on matters related to research ethics



- Promoting research ethics education

RECFON-CMU TIMELINE





SIDCER RECOGNITION PROGRAM



2013: First FERCAP-SIDCER Recognition

2016: 2nd Re-Survey



2020: 3rd Re-Survey



Standard Operating Procedures



- [Standards and Operational Guidance for Ethics Review of Health-Related Research with Human Participants \(WHO, 2011\)](#)
- [ICH-GCP 2016](#)
- [International Ethical Guidelines for Health-related Research Involving Humans \(CIOMS, 2016\)](#)
- [National Policy and Guidelines for Human Research, 2015 Edition, National Research Council of Thailand](#)

<https://ethics.nurse.cmu.ac.th/opfile-notice-5.pdf/>



Protocol Guidance & Checklist

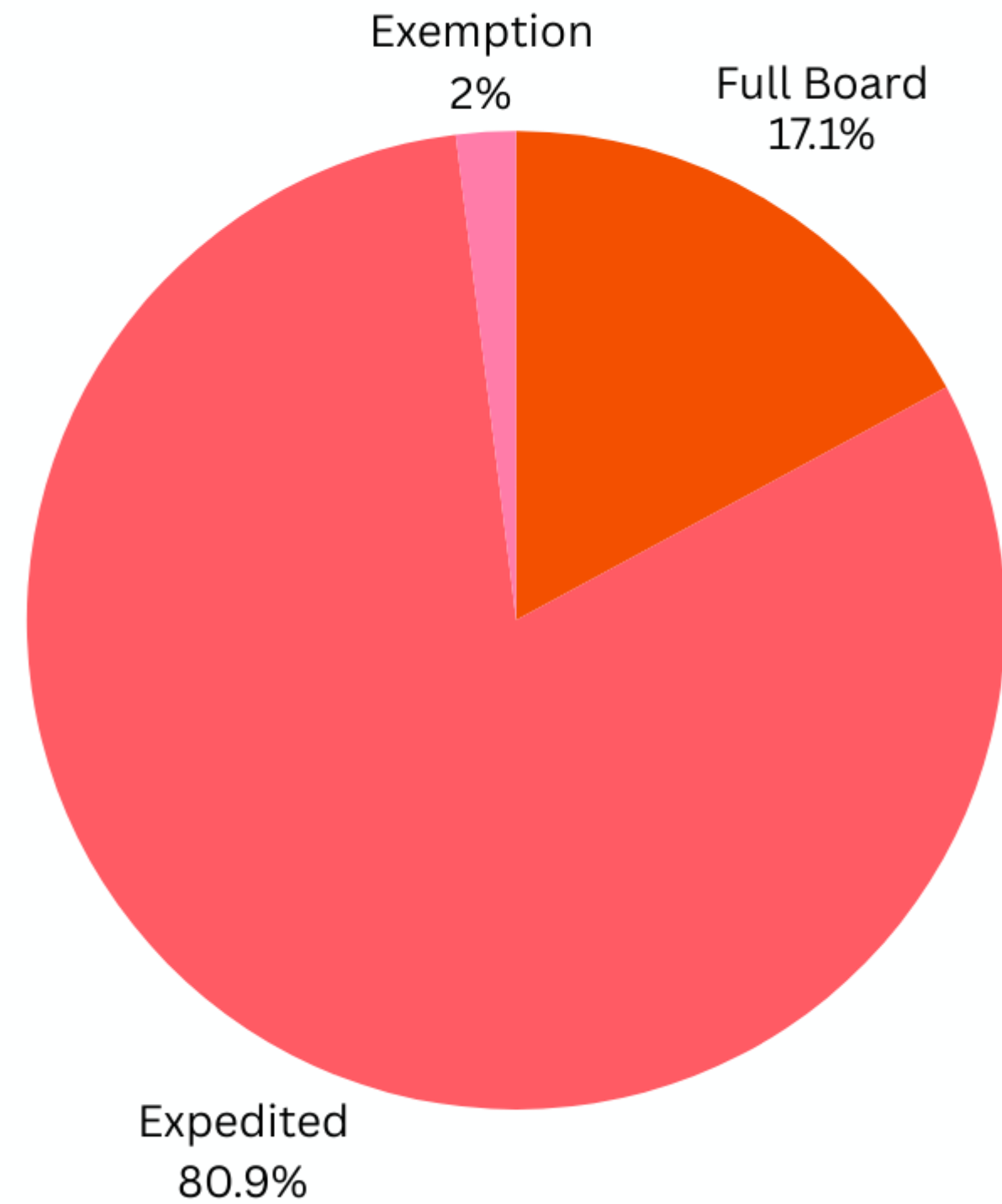


แนวปฏิบัติสำหรับนักวิจัย
ฉบับที่ 04.1

สำนักงานวิจัยธรรมการวิจัย
คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่

- Study title, version & date
- Principal & sub- investigator's names
- Source of funding
- Protocol summary
- Background and rationale
- Study objective
- Study type/design
- Study population
- Recruitment of participants
- Study setting
- Study method
- Statistical analysis plan
- Ethical considerations

TYPE OF REVIEWS



Implementation of the Initial E-Submission System (2014)



Features

- Protocol and Documents backup on the server
- Report

Limitations

- restricted access only to researchers and administration officers
- limited data capabilities (Status tracking, online COA)

Upgrade to the New E-Submission System (2022)



The screenshot shows a web browser at the URL ethics.nurse.cmu.ac.th. The page features the RE FON logo and navigation links in Thai: หน้าหลัก, เกี่ยวกับเรา, ประกาศ, ข้อมูลจริยธรรมการวิจัย, and ดาวน์โหลด. There are also social media icons for LINE and Email, and a LOGIN button. A blue button labeled 'ดูเพิ่มเติม' is visible below the navigation.

Submission Online

ผู้ที่ประสงค์จะขอรับการรับรองจริยธรรมการวิจัย โปรดดาวน์โหลดแบบฟอร์มใหม่ Form version 04.1 November 19, 2021 บนเว็บไซต์เท่านั้น และขอให้ท่านดำเนินการ Submission Online ตามคู่มือฯ ด้วยตนเอง

Please download all ethic committee submission forms (Form version 04.1 November 19, 2021) and please follow the submission guidelines to submit your documents online.

Login with CMU Account [Login](#)

RE FON
จริยธรรมการวิจัย
คณะพยาบาลศาสตร์ มหาวิทยาลัยเชียงใหม่

RESEARCH ETHICS
Faculty of Nursing, CMU

Contact
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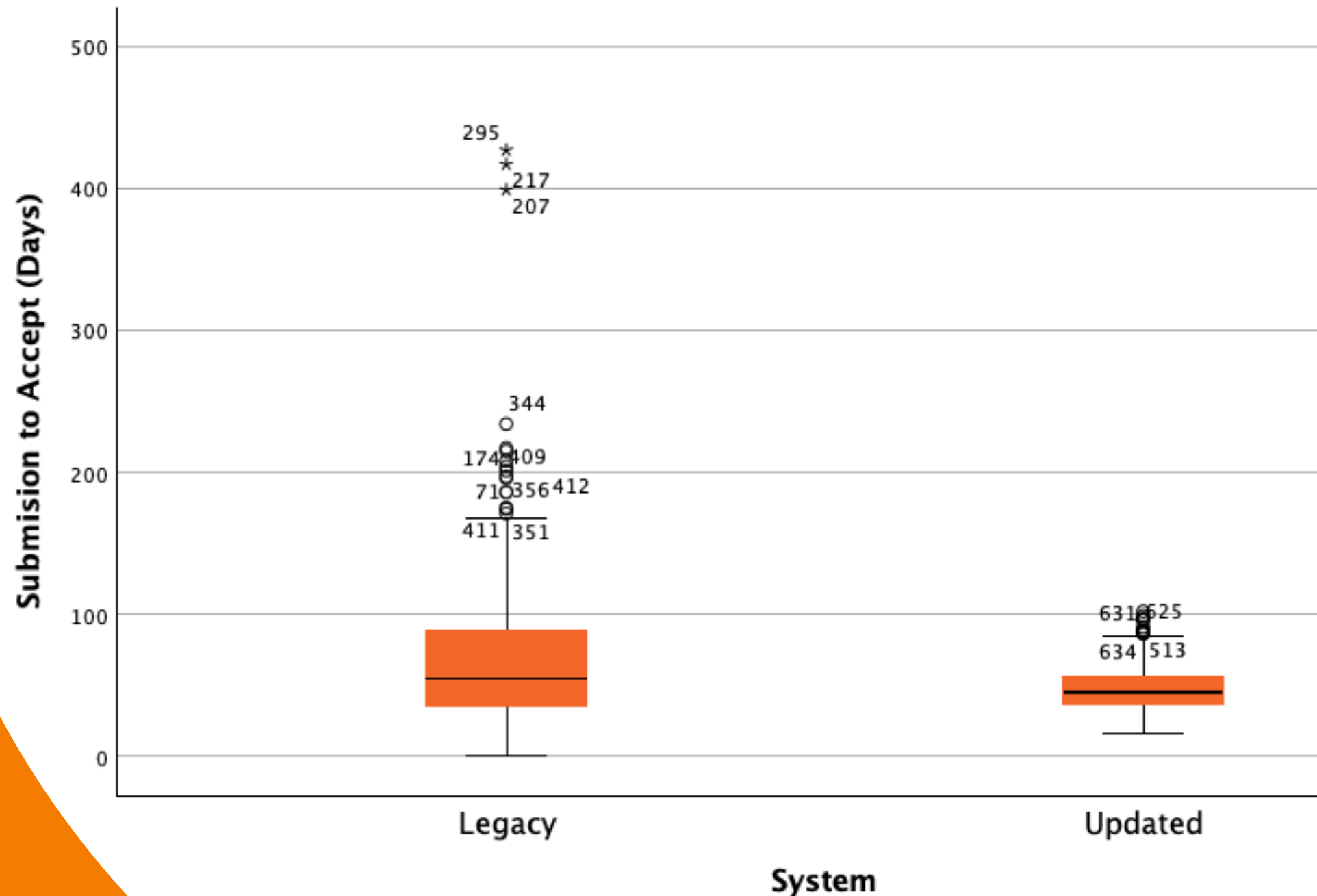
Upgrade to the New E-Submission System (2022)



Key improvements

- Enhanced collaboration
- User-friendly interface for researchers, reviewers, and Administrator
- Notification (LINE application/ E-mail)
- Data entry, retrieval capabilities, and report generation for continuous improvement

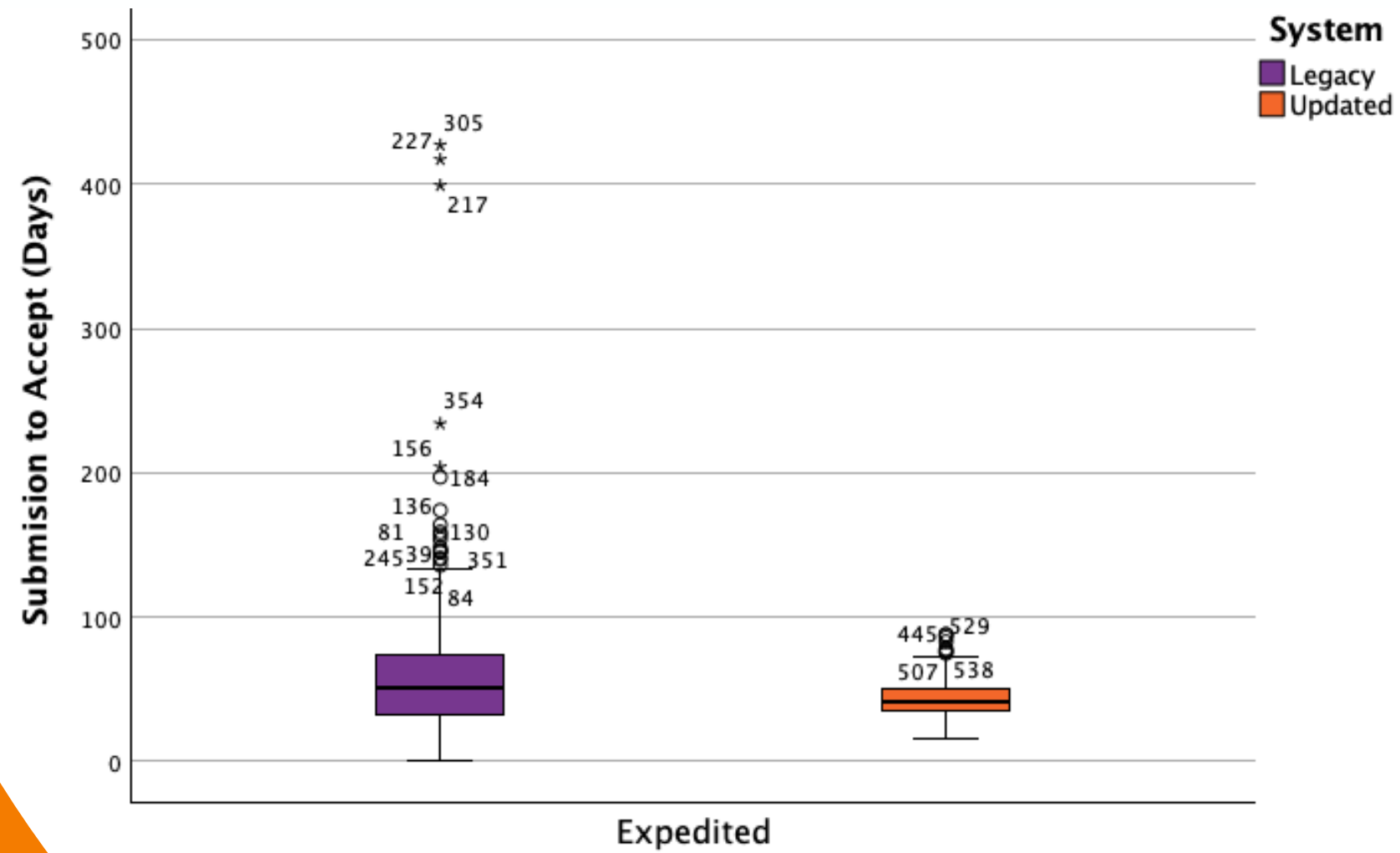
Impact on Efficiency and Workflow



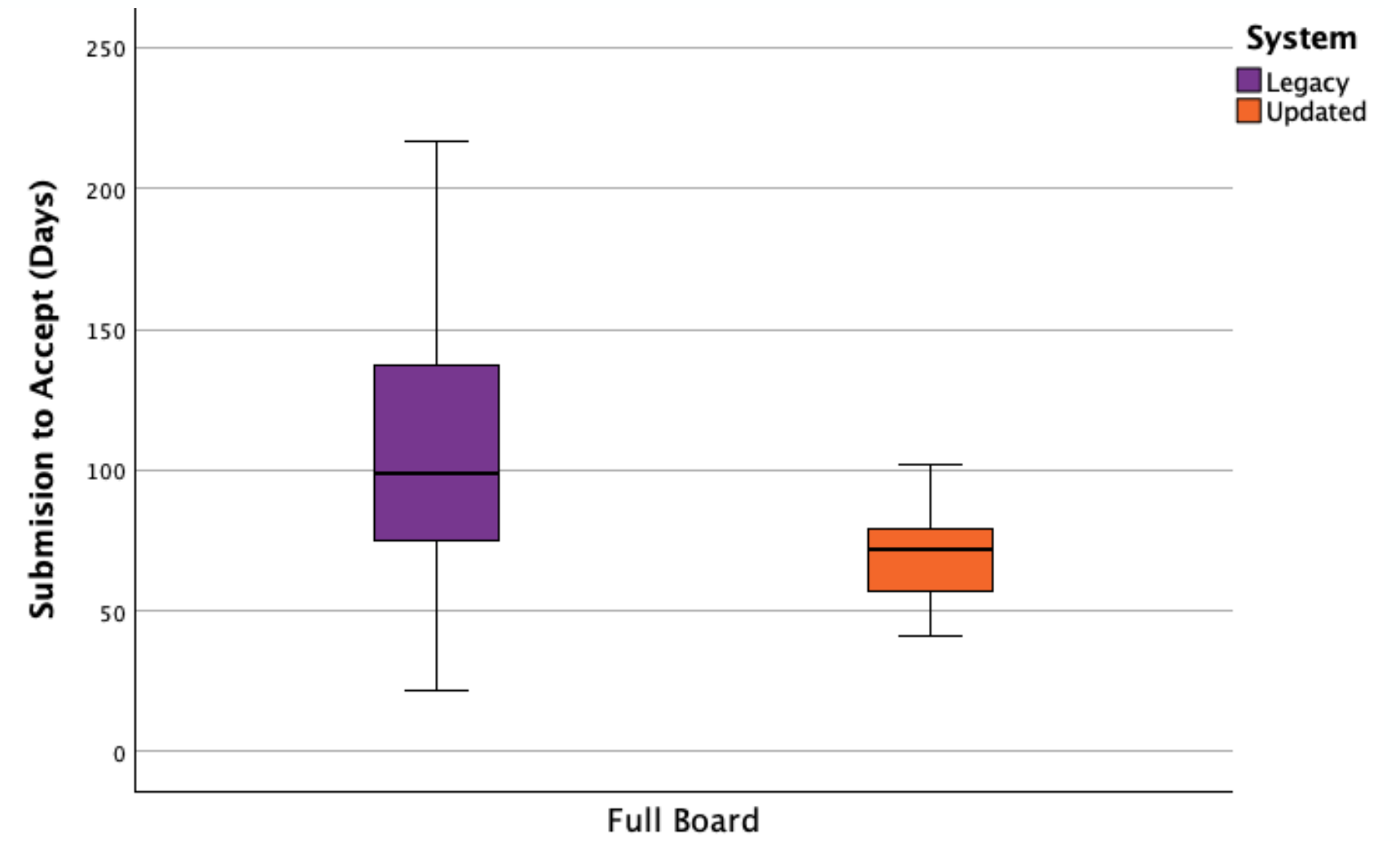
	System	N	Mean	Std. Deviation
Submission to Accept (Days)	Legacy	353	70.44	54.157
	Updated	262	48.27	16.894

The new e-submission system enhances review efficiency for expedited and full board submissions ($p < 0.001$)

Impact on Efficiency and Workflow



20 DAYS FASTER



37 DAYS FASTER

Benefits and Innovations in Ethics Review

- Enhanced transparency, streamlined workflows, and stakeholder collaboration
- Positive impact on ethical research practices and protection of human subjects
- User satisfaction
- Faculty's commitment to high ethical standards and future outlook



THANK YOU FOR YOUR ATTENTION



<https://ethics.nurse.cmu.ac.th>

[h](#)



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