

ENHANCING REFLECTIVE PRACTICE IN PHARMACY EDUCATION: A PHARMACOEPIDEMIOLOGY AND PUBLIC HEALTH APPROACH



Reflective practice is an integral part of the pharmacy curriculum. It supports development of skills in decision-making, critical thinking, problem-solving, and is important for continuing professional development and ongoing professional practice. At the heart of reflective practice lies the encouragement of learning from both personal experiences and the experiences of others. This strategy not only bridges the gap between academic knowledge and real-world application, but it also encourages communication and collaboration across diverse teams, which are essential components of modern pharmacy practice.

In our initiative, we worked with second-year pharmacy students to organise a Pharmacoepidemiology and Public Health Day program designed to incorporate reflective practice through a written approach. The program tasked students with working in groups to develop creative and engaging presentations on selected pharmacoepidemiology concepts, demonstrating their application in research articles. Additionally, students were challenged to produce physical or digital tools to enhance audience understanding, ranging from interactive games and quizzes to informative pamphlets and digital booklets.

The concepts covered during the program encompassed a wide array of topics, including pharmacoconomics, pharmacovigilance, study designs, health-related quality of life, and sampling techniques such as snowball sampling and stratified sampling. Through collaborative exploration and presentation of these concepts, students not only deepened their understanding but also honed their skills in critical appraisal and communication.

The second phase of the program centred on reflective writing, guided by Gibbs' reflective cycle. Students were asked to describe their experiences watching, listening to, and participating in other groups' presentations, followed by an evaluation of their own experiences, including both positive and negative feelings and opinions. Subsequently, students were encouraged to analyse the connections between their observations and their own presentations, culminating in suggestions for improvement.

By integrating reflective practice into pharmacy education through innovative initiatives such as the Pharmacoepidemiology and Public Health Day program, educators can empower students to become lifelong learners equipped with the skills necessary for success in dynamic healthcare environments. Through reflective engagement, students not only deepen their understanding of complex concepts but also cultivate the critical thinking and adaptability essential for future pharmacy practice.

Miss Zakiah Mohd Noordin, Assoc. Prof Dr. Mahmathi Karuppanan,
Mdm. Farhana Fakhira Ismail, Miss Izzati Abdul Halim Zaki
Faculty of Pharmacy, UiTM

PRESCRIPTION

Latest news and updates from the Faculty of Pharmacy



Editorial Advisor:

Prof. Dato' Dr. Abu Bakar Abdul Majeed

Authors:


Assoc. Prof. Dr. Ibtisam Abdul Wahab, Assoc. Prof. Dr. Lim Siong Meng, Prof. Dr. Kalavathy Ramasamy, Prof. Dato' Dr. Abu Bakar Abdul Majeed, Dr. Faezah Sabirin, Dr. Aisyah Hasyila Jahidin, Mdm. Nik Ateerah Rasheeda Mohd Rocky, Mdm. Nurul Ashikin Jamludin, Ms. Nik Aisyah Najwa Nik Mustaffa Shapri, Dr. Zafirah Liyana Abdullah, Dr. Hisyam Abdul Hamid, Dr. Noreen Husain, Dr. Nadia Jalaludin, Mdm. Massita Nordin, Dr. Siti Nooraishah Hussin, Ms. Zakiah Mohd Noordin, Assoc. Prof. Dr. Mahmathi Karuppanan, Mdm. Farhana Fakhira Ismail, Ms. Izzati Abdul Halim Zaki, Dr. Nor Khaizan Anuar, Mr. Ahmad Assakir Ahmad Shukri and Mdm. Nurniza Misbar

Illustrator:


Mdm. Nurul Izzati Ismail

PRESCRIPTION


Faculty of Pharmacy,
Universiti Teknologi MARA,
Kampus Puncak Alam,
42300 Bandar Puncak Alam, Selangor.

 @pharmacyuitm




 @pharmacy_uitm




 Faculty of Pharmacy UiTM



 <https://pharmacy.uitm.edu.my/>



 +603-3258 4645

 korporatff@uitm.edu.my