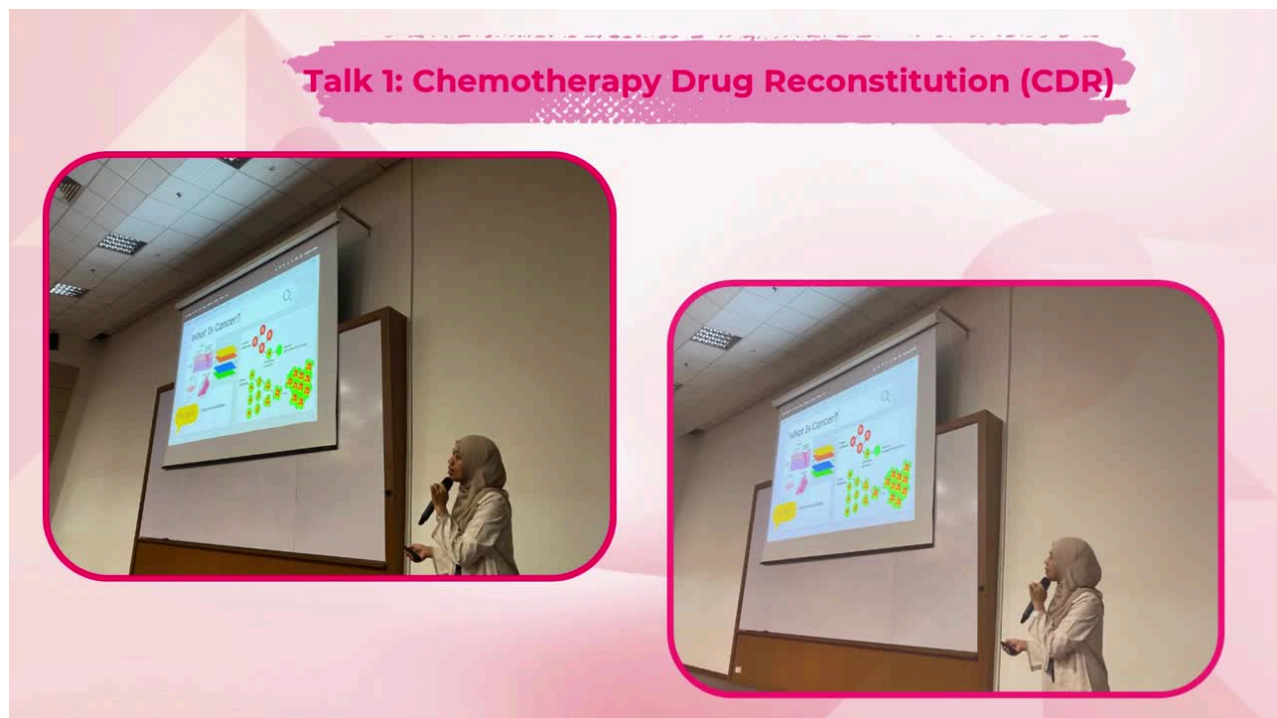


IV Admixture Lecture:

MASTERING THE FUNDAMENTALS OF TPN AND CDR

By: Ms. Nik Aisyah Najwa Nik Mustaffa Shapri



On December 3, 2024, the Department of Pharmacy Practice and Clinical Pharmacy, Faculty of Pharmacy UiTM organised an engaging lecture titled "Mastering the Fundamentals of TPN and CDR." This educational initiative, spearheaded by the teaching team of PHC 671 Applied Therapeutics in Infectious Diseases and Neoplastic Disorders aimed to equip pharmacy students; particularly those enrolled in the PHC 671 course with comprehensive knowledge and practical skills related to Total Parenteral Nutrition (TPN) and Chemotherapy Drug Reconstitution (CDR) in hospital settings.

The aims of this lecture were twofold: to expose students to realistic insights into CDR and TPN and prepare them for the responsibilities of pharmacists in these specialised areas. These goals align with the faculty's mission to produce graduates who are knowledgeable, skilled, and competitive in their field. Additionally, this lecture equipped the students with the necessary knowledge before their hospital attachment at Hospital Al-Sultan Abdullah.

Delivered by experienced pharmacists from Hospital Al-Sultan Abdullah, the program featured two core components: TPN and CDR. These sessions included in-depth lectures and interactive, hands-on calculation exercises. This approach ensured students could better grasp the critical procedures, calculations, and regimen selection in TPN and CDR units.

The event began with a lecture on CDR by Ms. Amira Nadzira Abdul Hamid, followed by hands-on calculations and a lively Q&A session. After a short break, Ms. Akmal Afifah Alias delivered a session on TPN, incorporating discussions on the role of pharmacists in parenteral nutrition service at hospital setting, the fundamental calculation of nutritional care plan, and hands-on calculation. The lecture concluded with photography sessions to commemorate the enriching event.

This initiative highlights the faculty's commitment to delivering enhanced learning experiences that connect academic knowledge with practical application. Through such programs, students gain not only technical expertise but also an understanding of the professional environment they will navigate as future pharmacists.

By fostering these critical skills and experiences, the Faculty of Pharmacy reaffirms its dedication to producing competent, well-rounded pharmacists ready to excel in the evolving healthcare landscape.