

# Aseptic and Dispensing Course (ADC), Faculty of Pharmacy UiTM 2024

By: Mdm. Nur Syazwani Taridi & Dr. Gurmeet Kaur Surindar Singh



In the ever-evolving world of pharmaceuticals and healthcare, maintaining the highest standards of sterility and precision is paramount. Aseptic technique and dispensing are fundamental skills for professionals in these fields, ensuring that medications are prepared and administered safely. Owing to the criticality and importance of this aspect in shaping modern pharmaceutical care, the Department of Pharmacy Practice and Clinical Pharmacy, Faculty of Pharmacy, Universiti Teknologi MARA (UiTM) enthusiastically organized the Aseptic and Dispensing Course (ADC) UiTM on 3rd August 2024 at the Faculty of Pharmacy, UiTM, Puncak Alam Campus. This one-day event was held with the aim of enhancing knowledge on nutritional support and skills in aseptic dispensing among all healthcare providers, and received a tremendous response from the targeted audience. A total of 56 participants registered to enrol including academicians, pharmacists and students from diverse backgrounds of academic institutions, government and private hospitals, and pharmaceutical industries.

The programme began with a welcoming speech and opening remark by Associate Professor Dr. Mohd Shahezwan Abd. Wahab, the Deputy Dean of Research and Innovation, Faculty of Pharmacy, UiTM followed by an extensive discussion by Dato' Dr. Tikfu Gee, the General and Bariatric Surgery from Prince Court Medical Center on the recent updates of parenteral nutrition (PN) in surgical adults. Ms. Mazuin Kamarul Zaman, a lecturer at the Faculty of Health Sciences at UiTM Puncak Alam, profoundly shared her knowledge of nutritional screening and enteral feedings, along with their associated complications. Meanwhile, Ms. Nur Ain Binti Rosli Ahmad Abdul and Mr. Lee V' Joon, the senior pharmacist from Hospital Tengku Ampuan Rahimah Klang and Hospital Sungai Buloh respectively, comprehensively described the practise of PN in clinical settings from steps of gowning procedures, PN compositions and products, case-study calculations, to PN administrations and aseptic manipulations. Apart from that, it was also the greatest privilege to have Dr. Allan Cosslett, the academician from the Welsh School of Pharmacy and Pharmaceutical Sciences of Cardiff University, United Kingdom, to be one of the notable speakers, offering his valuable insights, knowledge, and experiences on PN stability and compatibility, which were conducted via hybrid mode session.

As Confucius, the Chinese philosopher, quoted, "Knowledge without practice is useless. Practice without knowledge is dangerous" and aligned with our key objectives stated above, the programme deemed to schedule a hands-on session for participants at Sterile Lab 1 after lunch break. Participants received a PN sheet and worked in small groups. During this session, all the participants had the opportunity to experience by themselves the processes of withdrawing solutions and reconstituting powders, selecting IV filters for specific applications, particle formation and compounding the conventional and commercial triple chamber PN bags. They were assisted by the facilitators led by one of the speakers Ms. Nur Ain Binti Rosli Ahmad Abdul and Ms. Akmal Afifah, the pharmacist from Hospital Al-Sultan Abdullah, Puncak Alam, lecturers from Faculty of Pharmacy and laboratory officers. This session received tremendous responses and positive feedback from the participants; it provided an ancillary and precious knowledge on total parenteral nutrition education and practice, which may benefit and improve their skills.

Before the closing ceremony began, the program director, Dr. Siti Norlina Md. Said, conducted an exciting quiz session to assess the participants' understanding and knowledge, rewarding the top 3 scorers with special prizes. The closing speech was delivered by Dr. Siti Norlina Md. Said, the program director. In the speech, she was expressing her gratitude for the overwhelming participation of the participants and extraordinary support from the programme committees, also acknowledging the contributions from the companies such as Fresenius Kabi Malaysia Sdn. Bhd., B. Braun Medical Supplies Sdn. Bhd., Ain Medicare Sdn. Bhd., Comcorde Medical (M) Sdn. Bhd., and Pharm-D Sdn. Bhd., who generously sponsored the lunch meal, lunch talk, workshop equipment, registration of participants, goodies bag and cash money to make this programme into a success.



# PRESCRIPTION

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