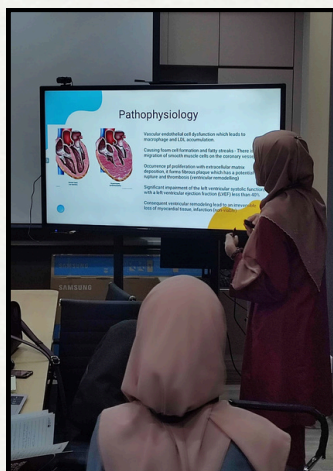


# Heart Failure Medication Therapy Adherence Clinic (HF-MTAC) training 2024

By: Mdm. Nur Syazwani Taridi & Ms. Nurulfalahin Daud @ Ibrahim

Heart failure (HF) is a clinical syndrome associated with recurrent hospitalisations and high mortality. Poor adherence to drug therapy is a major problem which requires involvement of pharmacists to achieve desired therapeutic outcome among HF patients. As such, Heart Failure Medication Therapy Adherence Clinic (HFMTAC), an ambulatory care service is initiated, which is conducted by pharmacists in collaboration with other healthcare providers with the aim to improve patient care in the realm of HF management. In the early last September, two pharmacy lecturers from our Faculty of Pharmacy, Madam Nur Syazwani Taridi and Ms. Nurulfalahin Daud @ Ibrahim had an opportunity to undergo a 2-weeks HF-MTAC training at Sultan Idris Shah Hospital (HSIS) Heart Center in Serdang, Selangor from 2nd until 13th of September 2024. The objectives of this training are to grasp the recent HF pharmacotherapy updates and to acquire an extensive clinical training which will have a great benefit for future teaching and learning sessions.

The training which was packed with module activities needed to be fulfilled by the trainees, began with welcoming speech by Dr. Sahimi binti Mohamad who is the HSIS Head of Clinical Department followed by a short briefing by Puan Wan Nurul Huda, the HF-MTAC preceptor. The trainees had 1 hour pre-test session to evaluate the knowledge of HF management before started with training module activities. Throughout this 12-days training, the trainees had various exciting and valuable activities which include didactic lectures and clinical attachments. In the first week of training, the activities focused on HF modules' lectures covering introductory to HF-MTAC service, pharmacotherapy in acute decompensated and chronic HF, dosage adjustments in HF pharmacotherapy and self-care of HF patients. The trainees also joined the grand ward round for heart failure patients led by one of the distinguished Interventional Cardiologist, Dr Ping Lik Chua and accompanied by other healthcare professionals. Then, they were needed to observe HF-MTAC workflow, beginning from the patient selection process, continued with patient intervention and education until discharge criteria.



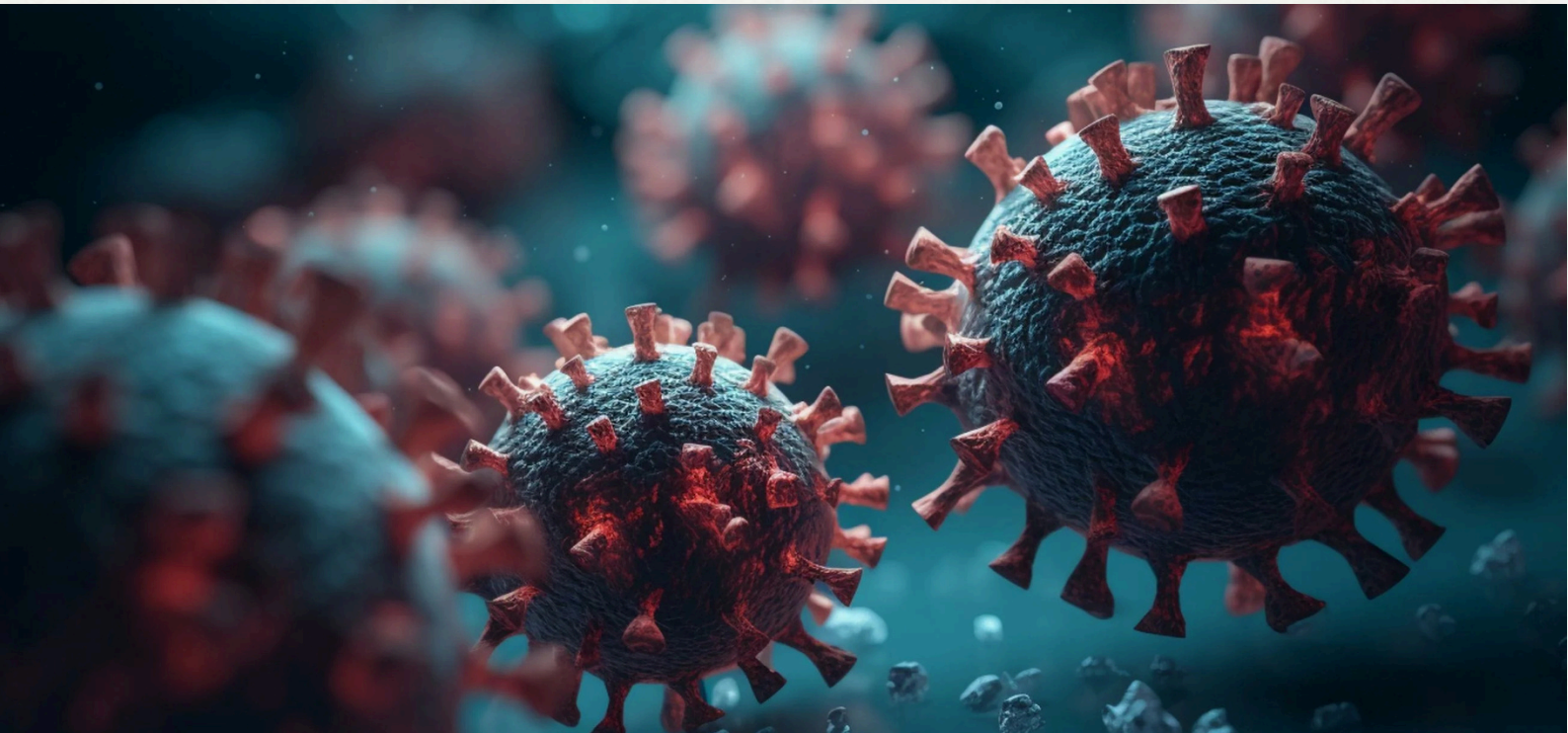


The second week of training's activities were entirely focusing on the practicality and application of knowledge that had been learned prior. Trainees were required to clerk 20 HF-related cases in cardiology wards and clinics and discussed them with the assigned preceptors later. Besides, they also needed to handle HF-MTAC sessions in the Cardiology Clinic by themselves. It was one of momentous activities as one of the cardiologists specialising in HF, Dr Abdul Muizz, willingly joined the HF-MTAC session. He shared some insights on the importance of digitalising cardiovascular pharmacotherapy. Toward the end of the training, each of the trainees presented two of their cases in front of the trainers and head of the pharmacy department who acted as the evaluators. The presentation highlighted the significant interventions with respect to available guidelines and recent research updates complimented with evaluators giving their constructive feedback to the presentations. A post-test of heart failure management was performed, with all trainees had the better result as compared to the pre-test. In summary, this training was a great opportunity to the participants to gain vast knowledge and experiences on HF-MTAC which in return will help them to set up a new HF-MTAC service in Clinical Training Centre, UiTM Sg Buloh in the future.



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