

## Module 11 : Case Study of Clinical Pharmacy (5.1 ECTS /3 CSU)

<b>Case Study of Clinical Pharmacy</b>	
Code/ Status	: MFK 629/Compulsory
Module level	: Master
Semester	: 2
Module Coordinators/ Lecturers	: Dr. Tri Murti Andayani, Sp.FRS.,Apt (Coord) Dr. Widyati, Mclin.,Pharm., Apt Drs. Budi Rahardjo,Sp.FRS., Apt. Dr. Fita Rahmawati, Sp.FRS., Apt. Prof. Dr. Zullies Ikawati, Apt. Woro Harjaningsih, Sp.FRS., Apt. Dr. Nanang Munif Yasin, M.Pharm., Apt.
Language	: Indonesian
The format/class hours per week during the semester	: Classroom Lecture, Case-based lecture, Small Group Discussion and Presentation, Practice based Learning; 3 hours/weekly and 14 weeks during the semester
workload	: 100 minutes of in-class lectures, 120 minutes of structured activities, 120 minutes of weekly self-study
Credit points	: 5.1 ECTS/3 CSU
Requirements	: No
Learning goals/ Course Outcomes	: Students are able to evaluate management of therapy, assess drug outcomes, and implement strategies for drug therapy monitoring in patients with infectious diseases, diabetes mellitus, renal failure, liver disorders, neurological disorders, and heart problems, as well as in pediatric and geriatrics.
Content	: This course deals with the pharmaceutical care plan in patients with infectious diseases, diabetes mellitus, renal failure, liver disorders, neurological disorders, and heart diseases, as well as in pediatrics and geriatrics; includes the disease and therapy histories, disease progression and treatment changes, monitoring plans, identification of clinical and treatment problems, and recommendations and follow-up plans.
Study/exam achievements	: A-E, 30% practice exam, 5% Assignment, 30% Midterm and 35% final exam
Forms of media	: Practice, Face to face instructions, Slides, Board, Internet
Literature	: 1. Alldredge BK, Corelli RL, Ernst ME, Guglielmo BJ, Jacobson PA, Kradjan WA, Williams BR. 2013. KodaKimble and Young's Applied Therapeutics: The Clinical Use of Drugs, 10thEd, Lippincott Williams & Wilkins, Philadelphia 2. Dipiro, J.T., Talbert, R.L., Yee G.C., Matzke G.R., Wells A.G., Posey L.M. 2011, Pharmacotherapy : A Pathophysiologic Approach, 8thEd, Appleton & Lange, Stamford 3. Longo D, Fauci A, Kasper D, Hauser S, Jameson J, Loscalzo J. 2012. Harrison's Principles of Internal Medicine, 18th Ed. Mc Graw Hill Companies, USA 4. American Pharmacists Association, Drug Information Handbook With International Trade Names Index, 2013-2014.

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5. Joint Formulary Committee. 2013. British National Formulary 65
  6. Papadakis M, McPhee SJ, Rabow MW. 2013. Current Medical Diagnosis and Treatment. Mc Graw Hill Companies, USA
  7. Cochrane Collaboration sites
  8. Infectious Disease Society of America Practical Guidelines
  9. American Disease Association Practical Guidelines
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