

Module 19 : Clinical Internship in Oncology (3.4 ECTS/2 CSU)

Clinical Internship in Oncology	
Code/ Status	: MFK 616/Elective
Module level	: Master
Semester	: 2
Module Coordinators/ Lecturers	: Dr. Fita Rahmawati, Sp.FRS., Apt. Dr. Kartika Widayati, Sp.PD, K.HOM Retno Muliawati, M.Sc., Apt. Guswita, M.Si., Apt.
Language	: Indonesian
The format/class hours per week during the semester	: Practice based Learning, 25 hours weekly and 4 weeks during the semester
workload	: 100 hours of internship during the semester
Credit points	: 3.4 ECTS/2 CSU
Requirements	: Students have passed all compulsory courses, elective courses and the case study of clinical pharmacy course. Especially for Clinical Internship in overseas hospital, a TOEFL of 500 is required to ensure mastery of English.
Learning goals/ Course Outcomes	: Students are able to reconcile patient medication, identify drug-related problems, recommend the appropriate drug-related problem solving, carry out the appropriate therapeutic monitoring, provide medication counselling to patients and their family, show professional attitudes and capability to communicate with other health professionals and patients to deliver suggestion concerning drug therapy.
Content	: This Clinical Internship will apply the theory on pathophysiology of diseases and pharmacotherapy principles in oncology cases.
Study/exam achievements	: A-E, 50% presentation, 40% exam, 10% attitude
Forms of media	: Internship
Literature	: 1.) DiPiro, J.T., ; Talbert, R.L., Yee, G.C., Matzke, G.R., Wells, B.G., 2017. Pharmacotherapy: A Pathophysiologic Approach, Tenth Edition. Mc Graw Hill. New York 2.) Charles, F. and Lacy, 2017. Drugs Information Handbook, 26 Edition, Lexi-comp drug reference handbook, USA. 3.) Ettinger, D.S., Berger, M.J., et al. 2017. Antiemesis. National Comprehensive Cancer Network, Inc. 4.) Zeind, C.S. and Carvalho, M.G., 2017. Applied Therapeutics: The Clinical Use of Drugs. Lippincott Williams & Wilkins. USA. 5.) Bragalone, D.L., 2017. Drug Information Handbook for Oncology, 15th Edition. Lexi-comp drug reference handbook, USA. 6.) AHFS, 2018. Handbook on Injectable Drugs : ASHP's Guide to IV Compatibility and Stability American Society of Health-System Pharmacists, Bethesda, United States. 7.) World Health Organization. Blood Transfusion Safety Team. (2001). The Clinical use of blood : handbook. Geneva : World Health Organization.

8.) <http://www.who.int/iris/handle/10665/42396>
