

## Module 20 : Clinical Internship in Cardiology (3.4 ECTS/2 CSU)

| <b>Clinical Internship in Cardiology</b>                  |   |
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| Code/ Status  | : MFK 635/Elective  |
| Module level  | : Master  |
| Semester  | : 2   |
| Module Coordinators/<br>Lecturers                         | : Prof. Dr. Zullies Ikawati, Apt.<br>Dr. Fita Rahmawati, Sp.FRS., Apt.<br>Halim Priyahau Jaya, M.Farm.Klin., Apt.<br>Dr. Amornrat Chongsawadvorakul   |
| Language  | : Indonesian  |
| The format/class hours<br>per week during the<br>semester | : Practice based Learning, 25 hours weekly and 4 weeks during the<br>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<br>case study of clinical pharmacy course. Especially for Clinical Internship<br>in overseas hospital, a TOEFL of 500 is required to ensure mastery of<br>English.  |
| Learning goals/ Course<br>Outcomes                        | : Students are able to reconcile patient medication, identify drug-related<br>problems, recommend the appropriate drug-related problem solving,<br>carry out the appropriate therapeutic monitoring, provide medication<br>counselling to patients and their family, show professional attitudes<br>and capability to communicate with other health professionals and<br>patients to deliver suggestion concerning drug therapy.  |
| Content   | : This Clinical Internship will apply the theory on pathophysiology of<br>diseases and pharmacotherapy principles in cardiology diseases.   |
| Study/exam<br>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.<br>Pharmacotherapy: A Pathophysiologic Approach, Tenth Edition. Mc<br>Graw Hill. New York<br>2.) Charles, F. and Lacy, 2017. Drugs Information Handbook, 26 Edition,<br>Lexi-comp drug reference handbook, USA.<br>3.) Frishman, W.H. And Sonnenblick, E.H., 1998. Cardiovascular<br>Pharmacotherapeutics Companion Handbook, The Mcgraw-Hill<br>Companies Inc. New York<br>4.) Zeind, C.S. and Carvalho, M.G., 2017. Applied Therapeutics: The<br>Clinical Use of Drugs. Lippincott Williams & Wilkins. USA.<br>5.) Drugs.com, medscape, lexicomp |