

## Module 2 : Interpretation of Clinical Data (3.4 ECTS/2CSU)

<b>Interpretation of Clinical Data</b>	
Code/ Status	: MFK 602/Compulsory
Module level	: Master
Semester	: 1
Module Coordinators/ Lecturers	: Budi Raharjo Budi Mulyono Ismail Setyopranoto
Language	: Indonesian
The format/class hours per week during the semester	: Case-based lecture and Classroom Lecture; 2 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	: 3.4 ECTS/2 CSU
Requirements	: No
Learning goals/ Course Outcome	: Students are able to interpret clinical data, such as clinical pathology/ laboratory data and examination of anatomical pathology, Radiology examination, and other imaging examinations in endocrine diseases, autoimmune diseases and allergies, kidney disease and metabolic syndrome, cardio and cerebrovascular disease, haematology, electrolytes and acid-base disorders, liver disease and gastroenterology.
Content	: This course deals with the interpretation of clinical pathology data / laboratory and examination of anatomical pathology, radiological and other imaging examinations in endocrine diseases, allergies and autoimmune diseases, cardiovascular disease, kidney disease, metabolic syndrome, haematological disease, electrolytes and acid- base disorders, liver disease and gastroenterology.
Study/exam achievements	: A-E, 35.7% Midterm and 64.3% final exam
Forms of media	: Face to face instructions, Slides, Board, internet
Literature	: 1.) McPherson RA, & Pincus MR. 2011. Henry's Clinical Diagnosis and Management by Laboratory Methods, 22nd Ed. Elsevier – Saunders, Ste, Philadelphia 2.) Scott MG; Gronowski AM; & Eby CS. 2007. Tietz's Applied Laboratory Medicine, 2nd Ed. Wiley Interscience, New Jersey 3.) Walmsley, RN; Watkinson, LR; & Cain, HJ. 1999. Cases in Chemical Pathology, 4th Ed. World Scientific, Singapore 4.) Chew SL; & Leslie D. 2006. Clinical Endocrinology & Diabetes, 1st Ed . Churchill Livingstone, Edinburgh 5.) Greenspan, FS & Baxter, JD.1994. Basic & Clinical Endocrinology, 4th Ed. Prentice-Hall Internet Inc, Philadelphia 6.) Suhl, HF. 2000. Fundamentals in Laboratory Medicine : DM & Metabolic Syndrome. Roche Diagnostic GmbH 7.) Delves PJ; Martin SJ; Burton DR; & Roitt IM. 2006 Roitt's Essential Immunology, 11th Ed. Blackwell Pub., Oxford

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8.) Goldsby RA; Kindt TJ; Osborne BA; Kuby J. 2003. Immunology, 5th  
Ed. WH Freeman & Co, New York

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