

### Module 3 : Pathophysiology (3.4 ECTS/2CSU)

<b>Pathophysiology</b>	
Code/ Status	: MFK 623/Compulsory
Module level	: Master
Semester	: 1
Module Coordinators/ Lecturers	: Probosuseno Abdul Gofir Cecep Sugeng Kristanto I Dewa Putu Pramantara
Language	: Indonesian
The format/class hours per week during the semester	: Classroom Lecture and case-based 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/2CSU
Requirements	: No
Learning goals/ Course Outcomes	: Students are able to apply the pathophysiological concepts to the administration of drugs to be given and assess the outcomes of the drug therapy in neurological, psychiatric, cardiovascular, renal, gastrointestinal and endocrine diseases, including for palliative conditions.
Content	: This course deals with the mechanisms of central and peripheral nervous system disorders, psychiatric disorders, cardiovascular and renal diseases, gastrointestinal and endocrine disorders, including for palliative conditions.
Study/exam achievements	: A-E, 50% Midterm and 50% Final exam
Forms of media	: Face to face instruction, Slides, Board, internet
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.) Sadock, B.J. & Sadock, V.A., 2003. Kaplan & Sadock's Synopsis of Psychiatry, 9th Ed. Lippincott Williams & Wilkins, Philadelphia. 3.) Stahl, S.M., 2000. Essential Psychopharmacology 2nd Ed. Cambridge University Press, New York. 4.) Kaplan and Sadock, 2005, Anxiety Disorder dalam Comprehensive Text of Psychiatry Edisi 9, Lippincott Williams & Wilkins, USA 5.) Kaplan and Sadock, 2008, Anxiety Disorder dalam Synopsis of Psychiatry, Lippincott Williams & Wilkins, USA 6.) Stahl, 2008, Anxiety Disorder and Anxiolytics dalam Stahl's Essential Psychopharmacology Neuroscientific Basis and Practical Applications Third Edition, Cambridge University Press, Cambridge 7.) Baldwin, 2005, Evidence-based guidelines for the pharmacological treatment of anxiety Disorders : recommendations from the British Association for Psychopharmacology dalam Journal of Psychopharmacology, British Association for Psychopharmacology,

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London

- 8.) Bridle, 2003, Anxiety Disorder dalam Handbook of Depression and Anxiety, Second Edition, Marcel Dekker, New York
  - 9.) Lieb, 2005, Anxiety Disorder dalam Anxiety and Anxiolytic Drugs, Springer Verlag, Berlin
  - 10.) Nash, 2005, Pharmacotherapy of Anxiety dalam Anxiety and Anxiolytic Drugs, Springer Verlag, Berlin
  - 11.) Saladin, 2007, Anatomy and Physiology the unity of form and function 4th edition, Mc Graw Hill, New York
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