



**COURSE MODULE
DESCRIPTION
MEDICAL DOCTOR PROGRAM**

**FACULTY OF MEDICINE
UNIVERSITAS SYIAH KUALA
2022**



VALIDATION STATEMENT

After paying attention to and considering all applicable references, the "COURSE MODULE DESCRIPTION OF MEDICAL PROFESSIONAL STUDY PROGRAM" at the Faculty of Medicine, Syiah Kuala University, can be ratified as an official academic document that is officially valid within the environment of the Syiah Kuala University Medical Education Study Program.

Darussalam, February 2023
ratify,

Dean of the Faculty of Medicine, University of Syiah Kuala

Prof. Dr. dr. Maimun Syukri., SpPD., KGH., FINASIM
NIP. 19611221990021001

FOREWORD

The preparation of the Course Module Description Professional Doctor Education Study Program, Faculty of Medicine, Syiah Kuala University is a follow-up to the mandate of the Law of the Republic of Indonesia Number 12 of 2012 concerning Higher Education Curriculum, Indonesian Presidential Regulation Number 8 of 2012 concerning the Indonesian National Qualifications Framework (KKNI), Regulation Minister of Education and Culture of the Republic of Indonesia Number 73 of 2013 concerning the implementation of the IQF in the Higher Education Sector, as well as Regulation of the Minister of Education and Culture of the Republic of Indonesia (Permendikbud RI) Number 3 of 2020 concerning National Higher Education Standards (SN-DIKTI). The preparation of this book has also been adapted to the development of the industrial revolution 4.0 and the Free Learning-Independent Campus (MBKM) policy.

Course Module Description Medical Professional Education Study Program, Faculty of Medicine, Syiah Kuala University, is structured to become a reference in the implementation of the Medical Professional Education Study Program, Faculty of Medicine, Syiah Kuala University. The preparation of the Course Module Description for the Professional Doctor Education Study Program involves a long process by following the steps set out in the guidebook for the preparation of the Higher Education Curriculum by the Directorate General of Learning and Student Affairs, the Director General of Higher Education, Ministry of Education and Culture of the Republic of Indonesia, as well as a curriculum development guide published by Syiah Kuala University. This curriculum design is of course imbued with the vision, mission and values of Syiah Kuala University and is developed based on the needs of the community in accordance with the evaluation results of tracer studies and developments in medical science.

I would like to thank and appreciate the Curriculum Team, the Course Module Development Team and all the lecturers for the hard work, thoughts and ideas that have been contributed to the development of this module. This module course is expected to be carried out consistently in the implementation of Medical Education in the Medical Professional Education Study Program

Banda Aceh, February 2023

Dean of the Faculty of Medicine

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Appendix C.7.2 Module Description: Internal Medicine

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK101
Subtitle, if applicable	-
Course, if applicable	Module Description : Internal Medicine
Semester(s) in which \ the module is taught	Offered in 1 st year
Person responsible for the module	dr. Sarah Firdausa, M.Md.Sc., SpPD, FINASIM
Lecturer	<ol style="list-style-type: none"> 1. Prof. Dr. dr. Maimun Syukri, SpPD-KGH, FINASIM 2. dr. M. Riswan, SpPD-KHOM, FINASIM 3. dr. Krishna W Sucipto, SpPD-KEMD, FINASIM 4. Dr. dr. Azhari Gani, SpPD-KKV, FCIC, FINASIM 5. Prof. Dr. dr. Kurnia FJ, M.Kes, SpPD-KPTI, FINASIM 6. Dr. dr. M. Diah, SpPD, SpPD-KKV, FCIC, FINASIM 7. dr. T. Mamfaluti, M. Kes, SpPD 8. dr. Hendra Zufry, SpPD-KEMD, FINASIM 9. dr. Desi Salwani, SpPD, KGH 10. dr. Desi Maghfirah, SpPD 11. dr. Sarah Firdausa, M.Md.Sc., SpPD, FINASIM 12. dr. Siti Adewiyah, SpPD 13. dr. Reza Tandi, SpPD
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a mandatory course in the first year of the clinic phase and must be passed by students to graduate as a doctor.

Type of teaching, contact hours	The teaching methods used in this course are: Morning report : 52 hours (1.7 ECTS) Bedside teaching : 53 hours (1.7 ECTS) Practice : 54 hours (1.8 ECTS) Case presentation : 54 hours (1.8 ECTS)
Workload	Total hours 213 hours, 7 ECTS in 8 weeks
Credit points	4 Credit Point (7 ECTS)
Recommended preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	<p>CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019 in the field of Internal Medicine, Pulmonary and Cardiology by applying ethics and professionalism (C5, S5)</p> <p>CLO 2: Able to plan patient follow-up from a promotive and rehabilitative perspective in the fields of Internal Medicine (C5)</p> <p>CLO 3: Able to analyze and interpret a case in the fields of Internal Medicine by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrctions/research (C4,C6)</p> <p>CLO 4: Able to apply the principles of Internal Medicine, Pulmonary and Cardiology to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)</p>
Content	<ol style="list-style-type: none"> 1. DM type 1 without complications 2. DM type 2 3. Metabolic syndrome 4. Hypoglycemia 5. Dyslipidemia 6. KAD/ HHS 7. Cushing syndrome 8. Adrenal Crisis 9. Thyrotoxicosis

10. Hypothyroidism
11. Hyperthyroidism
12. Arthritis rheumatoid.
13. SLE
14. Reumatik Fever.
15. Gout Arhthritis
16. Osteoarthritis.
17. Osteoporosis.
18. Septic Arthritis
19. TBC
20. COPD
21. Pnemonia
22. Congenital heart disease
23. Miocard infark
24. Iron Deficiency Anemia
25. Megaloblastic Anemia
26. Anemia in pregnancy.
27. Anemia in chronic disease
28. Lymphadenopathy
29. Typhoid fever
30. Malaria.
31. DHF
32. Ascariasis
33. Leptospirosis
34. HIV without complications.
35. Sepsis
36. Food poisoning
37. Functional and organic dyspepsia
38. GERD
39. GEA
40. Hepatitis A, B, C acute
41. Cholecystitis
42. Pancreatitis.
43. GI Bleeding.

	<p>44. Liver absces</p> <p>45. NAFLD</p> <p>46. Colitis</p> <p>47. Ileus paralytic</p> <p>48. IBS</p> <p>49. Urinary tract infection</p> <p>50. Hypertension</p> <p>51. Urinary tract stone, calculi</p> <p>52. GNA and GNC</p> <p>53. AKI</p> <p>54. CKD</p> <p>55. BPH</p> <p>56. Nephrotic syndrome</p> <p>57. geriatric Syndrome</p> <p>58. Incontinensia</p> <p>59. Acute confusional state</p> <p>60. Demensia</p>
Form of assessment	<p>1. Pretest, quiz, post test</p> <p>2. Case Presentation</p> <p>3. OSCE</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the classtarts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Assessment attendance Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, - CBT exam
Media employed	Video and Powerpoint Presentations

<p>Reading list</p>	<ol style="list-style-type: none"> 1. Buku Ajar Ilmu Penyakit Dalam. Edisi 6, tahun 2014. Pusat Penerbitan Departemen Ilmu Penyakit Dalam FK UI. 2. Harrison's Principle of Internal Medicine, edisi 19, 2015. Mc Grow Hill, New York 3. EIMED PAPDI Kegawat daruratan Penyakit Dalam Edisi 1 tahun 2011. Internal Publishing Pusat penerbitan Ilmu Penyakit Dalam Hematologi Klinis singkat. I Made Bakta, Buku Kedokteran EGC. 2006. 4. Kelley's textbook of rheumatology. Primer on the rheumatic disease 5. Konsensus PERKENI 6. Konsensus IRA 7. Konsensus PERNEFRI 8. Konsensus PGHI, PPI 9. Panduan Teknik Pemeriksaan Dan Prosedur Klinis Ilmu Penyakit Dalam. Kolegium Ilmu Penyakit Dalam. 2017
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Course Module

Module Description : Neurology Medicine

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 103
Subtitle, if applicable	
Course, if applicable	Module Description : Neurology Medicine
Semester(s) in which the module is taught	Offered in 1 st year
Person responsible for the module	dr. Sri Hastuti sp.S (K)
Lecturer	<ol style="list-style-type: none">1. Prof. Dr. dr. Syahrul Sp.S (K)2. Dr. dr. Endang Meutiawati Sp.S (K)3. Dr. dr. Suherman Sp.S (K)4. Prof. Dr. dr. Dessy R Emril Sp.S (K)5. dr. Farida Sp.S (K)6. dr. Sri Hastuti Sp.S (K)7. Dr. dr. Nova Dian Lestari Sp. S (K)8. Dr. dr. Imran, M. Kes Sp.S (K)9. dr. Nur Astini Sp.S (K)10. dr. Ika Marlia M.Sc Sp.S (K)11. dr. Elsa Susanti Sp. S (K)12. dr. Nasrul Musadir Sp.S (K)13. dr. Melda Fitria Sp.N
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the first year of the clinical phase and must be passed by students to graduate as medical doctor

Type of teaching, contact hours	The teaching methods used in this course are: - Bedside teaching : 47 hours (1.9 ECTS) - Case study : 20 hours (0.7 ECTS) - Discussion : 20 hours (0.7 ECTS) - Case presentation :20 hours (0.7 ECTS)
Workload	Total hours 107 hours, in 4 weeks (4 ECTS)
Credit points	2 credit point (4 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommended preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of Neurology Medicine by applying ethics and professionalism (C5, S5)
	CLO 2: Able to analyze and interpret a case in the field of Neurology medicine by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to apply the principles and principles of Neurology Medicine to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)
Content	<ol style="list-style-type: none"> 1. Anamnesis and physical diagnostic of neurology 2. Cerebrovaskular disease 3. Infection of central nervous system 4. Head Injury 5. Space occupying lesion 6. Epilepsy 7. Headache 8. Low back pain 9. Vertigo

	<p>10. Autoimmune disease</p> <p>11. Neuropaty (CTS)</p> <p>12. Polineuropaty diabeticum</p>
Form of assessment	<p>MCQ</p> <p>Mini cex</p> <p>Case presentation</p> <p>Referat presentation</p> <p>Final exam</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference - Minicex form - DOPS form - Oral exam assessment sheet
Media employed	Video and Powerpoint Presentations
Reading list	<ol style="list-style-type: none"> 1. Pemeriksaan Klinis Neurologi praktis. 2018 2. <i>Top 100 Diagnosis in Neurology</i>. 2021 3. Infeksi pada Sistem saraf. 2020 4. Pedoman Tatalaksana Vertigo. 2017 5. Konsensus Nasional Penatalaksanaan Nyeri. 2019 6. Pedoman Tatalaksana Cedera Otak.2014 7. <i>Duus Topical Diagnosis in Neurology</i>.2011 8. Pedoman Tatalaksana Epilepsi. 2019 9. Panduan Praktek Klinis Neurologi. 2016

Appendix C.7.2 Module Description: Psychiatry

Module name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK105
Subtitle, if applicable	-
Course, if applicable	Psychiatry
Semester(s) in which the module is taught	I
Person responsible for the module	dr. Zulfa Zahra, Sp.KJ
Lecturer	<ol style="list-style-type: none"> 1. dr. Syahrial,Sp.KJ(K) 2. dr. Subhan Rio Pamungkas, Sp.KJ (K) 3. dr. Zulfa Zahra, Sp.KJ 4. dr. Suzanna Octiva, Sp.KJ 5. dr. Juwita Saragih, Sp.KJ 6. dr. Malawati, Sp.KJ 7. dr. Rina Hastuti Lubis, Sp.KJ 8. dr. Fazil Amris, Sp.KJ 9. dr. Riska Afrinda, Sp.KJ 10.dr. Ibrahim Puteh, Sp.KJ
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is a compulsory course and offered in the 1 st semester.
Type of teaching, contact hours	<p>Teaching methods used in this course are:</p> <ul style="list-style-type: none"> - Discussion/case report (i.e., group investigation, small group discussion, case study, role play) - Structured assignments (i.e.,referat and vignette) - Clinical fieldwork (i.e., field observation)

	<ul style="list-style-type: none"> - The class size for lecture is approximately 15-20 students, while for clinical fieldwork is about 7-10 students for each lecturer. - Contact hours for lecture is 11 hours, assignments is 18 hours, and clinical fieldwork is 60 hours.
Workload	<p>For this course, students are required to meet a minimum of 107 hours, 4 ECTS in one semester, which consist of:</p> <ul style="list-style-type: none"> - 11 hours (0.4 ECTS) for discussion/case report, - 18 hours (0.8 ECTS) for structured assignments, - 18 hours (0.8 ECTS) for private study, - 60 hours (2 ECTS) for clinical fieldwork.
Credit points	2 credit points (4 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all class assignments that are scheduled before the final tests
Recommended prerequisites	Students must have passed all core psychiatry courses
Module objectives/course learning outcomes	<p>CLO 1 : Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of Psychiatry by applying ethics and professionalism (C5, S5)</p> <p>CLO 2: Able to analyze and interpret a case in the field of Psychiatry by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractorions/research (C4,C6)</p> <p>CLO 3: Able to apply the principles and principles of Psychiatry to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)</p>
Content	<p>Students will learn about:</p> <ul style="list-style-type: none"> - Organic mental disorders and its clinical approach - Schizophrenia and the treatments for schizophrenia related problems - Schizoaffective, delusional and acute psychotic disorders, as

	<p>well as the treatments for their related problems Bipolar Affective Disorder and its initial treatment</p> <ul style="list-style-type: none"> - Depression and its treatment - Neurosis and its management, as well as treatment for its related problems - Students are able to understand and explain problems related to non- organic sleep disorders. - Students are able to understand, explain and provide initial treatment for problems related to drug side effects - Implementation of mental disorder management in the field practice (hospital visit)
Content	<ol style="list-style-type: none"> 1. Project report 5% 2. Presentation 5% 3. Final CBT 60% 4. Attendance and direct observation 10% 5. Practical sessions 20%
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must switch off all electronic devices. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline. - Students must attend the exam to get final grade
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must switch off all electronic devices. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline. - Students must attend the exam to get final grade <p>Forms of examination:</p> <ol style="list-style-type: none"> 1. Computer based test - Multiple Choice Questionnaire 2. Objective Subjective Centered Examinations (OSCE)

Media employed	Video and PowerPoint Presentation
Reading list	<ol style="list-style-type: none">1. Othmer E, Othmer SC. The clinical interview using DSM-IV. Volume1: Fundamentals. Washington: American Psychiatric Press Inc., 1994.2. Sadock BJ, Sadock VA. Kaplan & Sadock's synopsis of psychiatry. 9th ed. Philadelphia: Lippincott Williams & Wilkins, 2003

Course Module

Appendix C.7.2 Module Description : Clinical Nutrition

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 107
Subtitle, if applicable	
Course, if applicable	Module Description : Clinical Nutrition
Semester(s) in which the module is taught	Offered in 1 st year
Person responsible for the Module	dr. Husnah, MPH., FISPH., FISC.M., Sp.KKLP dr. Marisa, M. Gizi.,SpGK
Lecturer	<ol style="list-style-type: none"> 1. dr. Husnah, MPH., FISPH., FISC.M., Sp.KKLP 2. dr. Marisa, M. Gizi.,SpGK 3. dr. Iflan Nauval, M.ScIH, Sp.GK (K), Sp.KKLP, AIFO-K 4. dr. Camelia Bomaztika Sari, Sp.GK 5. dr. Fiona Desi Amelia, Sp.GK
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the first year of the clinical phase and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	The teaching methods used in this course are: <ul style="list-style-type: none"> - Practice sessions/field activities (cases) : 30 hours (1 ECTS) - Presentation of cases : 13 hours (0.7 ECTS) - Discussion : 10 hours (0.3 ECTS)
Workload	Total hours 53 hours, 2 ECTS in 2 weeks
Credit points	1 credit point (2 ECTS)

Requirements according to the examination Regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Module objectives/ course learning outcomes	<p>CLO 1: : Able to analyze and interpret a case in the field of Clinical Nutrition by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)</p> <p>CLO 2 : Able to apply the principles and rules of Clinical Nutrition to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)</p> <p>CLO 3: Able to plan patient follow-up from a promotive and rehabilitative perspective in the field of Clinical Nutrition (C5)</p>
Content	<ol style="list-style-type: none"> 1. Neonatal, infant and under-five mortality including the first 1000 days of birth and child survival 2. Maternal death due to pregnancy and childbirth 3. Identify behaviors and lifestyles that pose a risk to nutritional health 4. Management of 1000 HPK 5. Nutrition for Pregnant Women 6. Calculating Calorie Needs 7. Nutrition, Anthropometry, and Assessment 8. Nutrition Issues in the Community 9. Nutrition in Disaster 10. Dietary Assessment Tools (Food Recall and FFQ) 11. Treatment of Obesity 12. Nutrition in DM and CHD 13. Obesity in children 14. Bed Site Teaching (BST) 15. Micro and macro nutrition in children 16. Neonatal, infant and under-five mortality including the first 1000 days of birth and child survival 17. Maternal death due to pregnancy and childbirth

	<p>18. Identify behaviors and lifestyles that pose a risk to nutritional health</p> <p>19. Management of 1000 HPK</p> <p>20. Nutrition for Pregnant Women</p> <p>21. Calculating Calorie Needs</p> <p>22. Nutrition, Anthropometry, and Assessment</p> <p>23. Nutrition Issues in the Community</p> <p>24. Nutrition in Disaster</p> <p>25. Dietary Assessment Tools (Food Recall and FFQ)</p> <p>26. Treatment of Obesity</p> <p>27. Nutrition in DM and CHD</p> <p>28. Obesity in children</p> <p>29. Bed Site Teaching (BST)</p> <p>30. Micro and macro nutrition in children</p> <p>31. Regulating diet pattern</p> <p>32. Stunting Problem</p> <p>33. Mini nutrition assessment (MNA)</p> <p>34. Public kitchen visit RSUDZA</p> <p>35. Management of DM</p> <p>36. CHD patient diet</p> <p>37. Nutrition for breastfeeding mothers</p> <p>38. Diet for dyslipidemic patients</p>
<p>Form of assessment</p>	<p>Pre Test</p> <p>Case presentation</p> <p>Bed Site Teaching</p> <p>Referat presentation</p> <p>Final exam</p>
<p>Study and examination requirements and forms of examination</p>	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignemnts before the deadline

	<p>- Students must attend the exam to get final grade</p> <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference
Media employed	Video and Powerpoint Presentations
References	<ol style="list-style-type: none"> 1. UNICEF. COVID-19 and Children in Indonesia: An Agenda for Action to Address Socio- Economic Challenges [Internet]. COVID-19 and Children in Indonesia. 2020. Available from: https://www.unicef.org/press-releases/un-launches-global. 2. UNICEF. Indonesia: Number of malnourished children could increase sharply due to COVID-19 unless swift action is taken [Internet]. UNICEF. 2020 [cited 2021 Jul 14]. Available from: https://www.unicef.org/indonesia/press-releases/number-of-malnourished-children-in-indonesia-could-increase-sharply-due-to-covid-19. 3. Zemrani B, Gehri M, Masserey E, Knob C, Pellaton R. A hidden side of the COVID-19 pandemic in children: the double burden of undernutrition and overnutrition. <i>Int J Equity Health</i>. 2021; 20:1–4. 4. Martha IH, Ross A, Deepika RL. The global food syndemic: The impact of food insecurity, Malnutrition and obesity on the healthspan amid the COVID-19 pandemic. 2021; 105-107. 5. Kemenkes RI. Situasi kesehatan jantung. <i>Pus data dan Inf Kementeri Kesehat RI</i>. 2014:3. doi:10.1017/CBO9781107415324.004 6. Shahjehan RD, Bhutta BS. Coronary Artery Disease. [Updated 2022 Feb 9]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. 7. Setyaji, Diyan Yunanto Prabandari, Yayi Suryo Gunawan IMA. Aktivitas fisik dengan penyakit jantung koroner di Indonesia The relationships of physical activity with coronary

	<p>heart disease in Indonesia. <i>J Gizi Klin Indones.</i> 2018;14(3):115-121.</p> <p>8. Lestari L, Zulkarnain Z, Sijid SA. Diabetes Melitus: Review etiologi, patofisiologi, gejala, penyebab, cara pemeriksaan, cara pengobatan dan cara pencegahan. <i>Pros Semin Nas Biol.</i> 2021;7(1):237-241.</p> <p>9. Fatimah RN. Diabetes Melitus Tipe 2. <i>Majority Journal.</i> 2017;4(5):93-101.</p> <p>10. Kerner, W. and Brückel, J. (2014). Definition, Classification and Diagnosis of Diabetes Mellitus. <i>Exp Clin Endocrinol Diabetes</i>, 122(07), pp.384-386.</p> <p>11. Putri EL. Hubungan antara Latihan Jasmani dengan Kadar Glukosa Darah Penderita Diabetes. <i>J Berk Epidemiol.</i> 2016;4(July):188-199. doi:10.20473/jbe. v4i2.2016.188</p> <p>12. Kementerian Kesehatan: Upaya Kesehatan di Posyandu dalam Pencegahan Stunting: Program Pendampingan Penanggulangan Stunting Dirjen Kesehatan Masyarakat KEMENKES RI 2021.</p>
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Course Module

Module Description : Physical Medicine and Rehabilitation

Module name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 109
Subtitle, , if applicable	
Course	Module Description: Physical Medicine and Rehabilitation
Semester(s) in which the module is taught	Offered in 1 st year
Person responsible for the Module	Dr. dr. Nasyaruddin Herry Taufik, SpKFR. FISCM
Lecturer	<ol style="list-style-type: none">1. Dr. dr. Nasyaruddin Herry Taufik, SpKFR. FISCM2. dr. Mira, SpKFR3. dr. Lisa Emilda, SpKFR
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the first year of the clinical phase and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	The teaching methods used in this course are: <ul style="list-style-type: none">- Bedside teaching : 30 hours (1 ECTS)- Case presentation and Discussion : 13 hours (0.7 ECTS)- Literature Review : 10 hours (0.3 ECTS)
Workload	Total hours 53 hours, 2 ECTS in 2 weeks
Credit points	1 credit point (2 ECTS)
Requirements according to the examination Regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.

Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objective / course learning outcomes	CLO 1: Able to carry out basic physical examinations and rehabilitation (C3)
	CLO 2: Able to manage patients with basic medical rehabilitation programs (S5)
	CLO 3: Able to apply the principles and methods of Physical Medicine-Rehabilitation and its management into disaster management and entrepreneurship (sociomedicopreneur) (C4,S5)
Content	<ol style="list-style-type: none"> 1. Anamnesis and Physical Examination 2. Stroke 3. Spinal cord injury 4. Bell's palsy 5. Hernia nucleus pulposus (HNP) 6. Sprains (ankles and muscles) 7. Osteoarthritis 8. Fracture 9. 2nd degree burn injury 10. Asthma Bronchiale 11. Chronic Obstructive Pulmonary Disease (COPD) 12. Stunting 13. Cerebral Palsy 14. Osteoporosis 15. Dementia 16. Assessment of child growth and development basic medical rehabilitation 17. Social rehabilitation for individuals, families, communities and communities through advocacy, consultation, promotion, and IEC (communication of educational information).
Form of assessment	<ul style="list-style-type: none"> - Pre test - Case presentation - Referat presentation

	<ul style="list-style-type: none"> - Post test - Independent/active task - Discipline and attendance
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation and Referat presentation assessment sheet - Pre test and Post test Form
Media employed	Video and Powerpoint Presentations
Reading List	<ol style="list-style-type: none"> 1. <i>Wahyuni LK, Tulaar ABM, White Book Ilmu Kedokteran Fisik Dan Rehabilitasi, 2nd ed, PERDOSRI, Jakarta, 2012</i> 2. Peraturan Pemerintah Republik Indonesia Nomor 43 tahun 1998 tentang Upaya Peningkatan Kesejahteraan Sosial Penyandang Cacat 3. Rusk HA, 1977. Rehabilitation Medicine. 4th ed. The CV Mosby Company. Saint Louis. 4. World Health Organisation (WHO). International Classification of Impairments, Disabilities and Handicaps: a manual of classification relating to the consequences of diseases. Geneva 5. Krusen's Handbook of Physical Medicine and Rehabilitation 6. <i>Wahyuni LK, Tulaar ABM, PANDUAN REHABILITASI STROKE</i>, PERDOSRI, Jakarta, 2014 7. Auriel E. Anatomy and physiology of <i>stroke</i>. In:

	<p>Bornstein <i>NM</i>, editor. Stroke practical guide for clinicians. Basel: Karger; 2009. pp. 1–7</p> <p>8. <i>Sherwood L</i>. Human Physiology: from cells to systems. 7th ed. Brooks/Cole. 2010</p> <p>9. <i>Sinaki</i> ed. Basic Clinical Rehabilitation. 2nd ed. St Louis: Mosby</p> <p>10. <i>Braddom RI</i> ed. Physical Medicine & Rehabilitation 4th ed. Philadelphia: WB Saunder Co</p> <p>11. <i>Molnar GE</i>. <i>Cerebral Palsy</i>. Dalam: Molnar GE. <i>Pediatric Rehabilitation</i>. Baltimore: William & Wilkins; 1992.</p> <p>12. <i>Perin B</i>. <i>Physical Therapy for Child with Cerebral Palsy</i>. Dalam: Tecklin JS (eds). <i>Pediatric Physical Therapy</i>. Philadelphia: Lippincott; 1989.</p> <p>13. <i>Berker, N</i>. 2005. The Help Guide to Cerebral Palsy in Pediatric Orthopedics & Rehabilitation Series. Global-HELP Organization. Istanbul. 2005</p> <p>14. <i>Tulaar ABM, Wahyuni LK</i>. Kurikulum Ilmu Kedokteran Fisik dan Rehabilitasi Modul S1 Pendidikan Fakultas Kedokteran. Jakarta. 2014</p>
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Module Description: Pediatric Medicine

Module name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 102
Subtitle, if applicable	-
Course	Module Description: Pediatric Medicine
Semester(s) in which the module is taught	Offered in 1 nd year
Person responsible for the Module	dr Eka Yunita Amna, SpA
Lecturer	<ul style="list-style-type: none"> - Prof. Dr. dr. Herlina Dimiati, SpA(K) - dr. Syafruddin Haris, SpA(K) - Dr. dr. Dora Darussalam, SpA(K) - dr. Isra Firmansyah, SpA, PhD - Dr. dr. Sulaiman Yusuf, SpA(K) - Dr. dr. Mulya Safri, M.Kes, SpA(K) - Dr. dr. Anidar, SpA(K) - Dr. dr. Raihan, SpA (K) - dr. TM. Thaib, M.Kes, SpA(K) - dr. Eka Destianti Edward, SpA(K) - Dr. dr. Bakhtiar, M.Kes, SpA - Dr. dr. Nora Sovira, M.Ked(Ped), SpA(K) - Dr. dr. Jufitriani Ismy, M.Kes, M.Ked(Ped), SpA - dr. Darnifayanti, M.Ked(Ped), SpA(K) - dr. Nurjannah, SpA(K) - dr. Heru Noviat Herdata, SpA - dr. Rusdi Andid, SpA - dr. Mars Nashrah Abdullah, M.Ked(Ped), SpA - dr. Eka Yunita Amna, SpA - dr. Zaki Akbar, SpA - dr Baitil Atiq, SpA

Language	Indonesian language (Bahasa Indonesia)
Relation to curriculum	The course is a compulsory course in the first year of the clinical phase and must be passed by students to graduate as medical doctor. The purpose of the clinical clerkship is to produce a doctor who is ethical, skilled, independent, active, and professional.
Type of teaching, contact hours	The teaching method used in this course are: <ul style="list-style-type: none"> • Bedside teaching : 60 hours (2 ECTS) • Journal reading : 23 hours (0.7 ECTS) • Literature review : 30 hours (1 ECTS) • Practical sessions : 60 hours (2 ECTS) • Case report : 40 hours (1.3 ECTS)
Workload	Total hours 213 hours, 7 ECTS in 8 weeks
Credit points	4 credit point (7 ECTS)
Requirements according to the examination	Students must have attended all classes and submitted all assignment that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Universitas Syiah Kuala
Module objectives/ course learning outcomes	<p>CLO 1: Able to generate a diagnosis related to Pediatric Medicine (C5)</p> <p>CLO 2 : Able to manage patients with with certain diseases (according to SNPPDI 2019) in the field Pediatric Medicine by applying ethics and professionalism (S5)</p> <p>CLO 3: Able to plan patient follow-up from a promotive and rehabilitative perspective in the field of Pediatric Medicine (C5)</p> <p>CLO 4: Able to analyze and interpret a case in the field Pediatric Medicine by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)</p> <p>CLO 5: Able to apply the principles and rules of Pediatric Medicine to disaster management and entrepreneurship (C3)</p>
Content	Children health problem

Seizures	Febrile seizures
Speech and language delay	Behaviour changes
Cough	Noisy breathing
Baby blues syndrome	Yellowish eyes
Cleft lip	Constipation
Slimy and bloody stools.	Diarrhea
Dark and putty feses	Worming
Undetectable testis	Anal Itching
Decreased appetite	Low birth
weight Malnutrition (deficiency, excess)	Growth
disorders Immunization (also AEFI)	Pale
Red spots on the skin.	Fever
Weak/lump	Swollen
Congenital defect	
Children's common disease	
Acute diarrhea (4A)	Pneumonia (4A)
Bronchial Asthma (4A)	Tuberculosis (4A)
PEM (4A)	Pertusis (4A)
Measles (4A) Type -1 DM	
Dysentri: bacillary/amoebic (4A)	LBW
Iron deficiency anemia	Typhoid
Nephrotic syndrome	Articaria
Acute glomerulonephritis	Varicella
Allergic reactions	Immunization
HIV/AIDS without complication	Pharyngitis
Umbilical infection	Tonsilitis
Food intolerance	Food allergies
Worm diseases	Hepatitis A
Urinary tract infection	Obesity
Dengue fever, DHF	Febrile seizure
Anaphylactic reaction	Constipation
Gastrointestinal bleeding	Vomit
Recurrent abdominal pain	Hepatitis B
RDN	Asphyxia

Epilepsy	Rheumatic fever
Peritonsillar abscess	Diphtheria
Hemolytic anemia	Seizures
SLE	Encephalopathy
Meningitis/encephalitis	Epileptic state
Status asthmaticus	TB Spondylitic
Acute bronchiolitis	Sepsis
Intussusception	Shock
Tetanus neonatorum	Cholestatic
Poliomyelitis	AKI
Acquired heart disease	Premature
Birth trauma	Hypothyroid
Leukemia	Down syndrome
Cerebral palsy	PICA
Developmental delay	CMV infection
CHD	Atresia bilier
Blood incompatibility	HSP JIA
Clinical Skill	
Taking history from third parties	
Taking history from older children	
Taking nutrition history	
Talking to seriously ill parents	
Assessment of general condition, movement, behaviour, crying	
Assessment of consciousness in infant and children	
Jugular venous pressure measurement	
Assessment of nutritional state	
Anthropometric measurement	
Temperature measurement	
Measuring blood pressure	
Thoracic physical examination	
Abdominal examination	
Capillary refill time	

	<p>Airway management</p> <p>Oxygen therapy</p> <p>Inhalation therapy</p> <p>Preparation of stool lab examination</p> <p>Insertion of gastric tube</p> <p>Management of severe dehydration</p> <p>Nutrition therapy</p> <p>Assessment of neurology examination</p> <p>X-ray interpretation of thoracic, skull, spine, abdominal</p> <p>Preparation of urine sediment</p> <p>Installation and interpretation of simple ECG result</p> <p>Management of diabetes mellitus without complication</p> <p>Management airway</p> <p>Physiological reflex</p> <p>Pathological reflex</p>
<p>Form of assessment</p>	<ol style="list-style-type: none"> 1. Affective (20%) 2. Case report (15%) 3. Review/Journal reading (15%) 4. Case-based discussion (10%) 5. Paper based test (10%) 6. Mini C-Ex (10%) 7. OSCE (20%)
<p>Study and examination requirements and forms of examination</p>	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> • Students must attend 15 minutes before the class starts. • Students must inform the lecturer if they will not attend the class due to sickness, etc. • Students must submit all class assignments before the deadline • Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> • Daily evaluation of behavior, performance, and attitude (Affective) • Case-based discussion • Mini C-ex

	<ul style="list-style-type: none"> • Case presentation assessment sheet, journal and reference • OSCE form and PBT
Media employed	Video and Power point Presentations
Reading list	<ol style="list-style-type: none"> 1. Nelson Pediatric of Pediatrics 21th International edition. Ed: Kliegman RM & Geme JS. Elsevier, 2019 2. Pemeriksaan Klinis pada Bayi dan Anak. Editor Prof. Dr. dr. Iskandar Wahidayat dan Prof Dr.dr. Sudigdo Sastroasmoro. Penerbit Sagung Seto, 2017 3. Buku Saku Pelayanan Kesehatan Anak di Rumah Sakit, WHO Indonesia. Jakarta, 2009 4. Buku Bagan MTBS 2019, Kementrian Kesehatan RI, Jakarta 2019. 5. <i>Drug Dose</i> dari Frank Shamm, 17 th edition, Royal children Hospital, 2017

Course Module

Module Description : Dermato Venereology Medicine

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 104
Subtitle, if applicable	
Course, if applicable	Module Description : Dermato Venereology Medicine
Semester(s) in which the module is taught	Offered in 1 st year
Person responsible for the Module	dr. Wahyu Lestari, Sp.KK, FINS DV
Lecturer	<ol style="list-style-type: none"> 1. Dr. dr. Nanda Earlia, SpKK., FINS DV., FAADV 2. dr. Mimi Maulida, SpKK., FINS DV, FAADV 3. dr. Fitria, M.Sc., SpKK., FINS DV 4. dr. Vella, SpKK., FINS DV 5. dr. Sulamsih Sri Budini, SpKK, FINS DV 6. dr. Wahyu Lestari, SpKK, FINS DV 7. dr. Arie Hidayati, M. Ked (DV), SpDV 8. dr. Cut Yunita, M. Ked (DV), SpDV 9. dr. Elfa Wirdani Fitri, M.Kes, Sp.KK 10. dr. Risna Handriani, Sp.DV
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the first year of the clinical phase and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	<p>The teaching methods used in this course are:</p> <ul style="list-style-type: none"> - Bedside teaching: 30 hours (1 ECTS) - Journal presentation: 10 hours (0.3 ECTS)

	<ul style="list-style-type: none"> - Case study: 15 hours (0.5 ECTS) - Retrospective study presentation: 10 hours (0.3 ECTS) - Discussion: 22 hours (0.9 ECTS) - Case presentation: 20 hours (0.9 ECTS)
Workload	Total hours 107 hours, in 4 weeks (ECTS: 4)
Credit points	2 credit point (4 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of Dermato Venereology Medicine by applying ethics and professionalism (C5, S5)
	CLO 2: Able to analyze and interpret a case in the field of Dermato Venereology Medicine by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to apply the principles and rules of Dermato Venereology Medicine to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)
Content	<ol style="list-style-type: none"> 1. Anamnesis dan physical diagnostic of skin 2. Non-Infection of Dermatology 3. Infection of Dermatology 4. Genodermatosis

	<p>5. DermatoAllergo Immunology</p> <p>6. Cosmetic of Dermatology</p> <p>7. Neoplasma and skin surgery</p> <p>8. Venereology</p> <p>9. Emergency of skin disease</p>
Form of assessment	<p>MCQ</p> <p>Minicex</p> <p>Case presentation</p> <p>Referat presentation</p> <p>Final exam</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference - Minicex form - DOPS form - Oral exam assessment sheet
Media employed	Video and PowerPoint Presentations
Reading list	<p>1. Paller AS, Mancini AJ.Hurwitz Clinical Pediatric Dermatology. Edisi ke-4. Edinburgh: Elsevier Saunders, 2011.h.20-23.</p> <p>2. Textbook Bologna JL, Jorizzo JL, Schaffer JV, editor. Textbook of Dermatology. Edisi ke-3. New York: Elsevier; 2012.h.230-31.</p>

	<ol style="list-style-type: none"> 3. Text book Fitzpatrick. In: Kang S, Amagni M, Bruckne: AL, Enk AH, Margolis DJ, Mc Michael AJ, Orringer JS. editors. Fitzpatrick's Dermatology in General Medicine. 9th ed. New York: Mc Graw-Hill;2019. 4. Shou K., Kane M. Lio P.A., Stratiogs A.J., Johnson R.A. Color Atlas And Synopsist Of Pediatic Dermatology. Eczematous Dermatitis. Mc graw Hill Medical, Second Edition.2002.p.34-59. 5. Wolff K. Johnson R.A., Suurmond D., Fitzpatrick's color Atlas And Synopsis Of Clinical Dermatology. Disorders Presenting in The Skin. Mc Graw Hill Medical Publishing Division. Fifth Edition. p.2005.02-68 6. Sterry W, Paus R, Burgdorf. Dermatologic diagnosis. In: Sterry W, Paus R, Burgdorf, editors. Thieme Clinical Companions Dermatology. 5thed. German: George Thieme verlag KG;2006.p.16-24 7. Text book Andrews. Diseases Of The Skin Clinical Dermatology. Edisi ke-11. Saunder Elsevier; 2011.379-84. 8. Text book Rook's book of Dermatology. Edisi ke-8. Willey-Blackwell;2010.3325-6. 9. Jopling W.H. Hand Book of Leprosy . 5 th ed New Delhi:CBS. Published & Distributor. 2011. p.1-53,92-100 10. Hillier S, Marrazzo J, Holmes KK. Sexually Transmitted Diseases. 4th ed. New York Mc Graw Hill, 2008; 737-762 11. CDC, 2015 Guidelines for treatment of sexually transmitted diseases. MMWR, 2015; 64(3
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Module Description: Radiology and Supportive Medicine

Module name	Radiology and Supportive Medicine
Module level, if applicable	Medical doctor program
Code, if applicable	DOK 106
Subtitle, if applicable	-
Course, if applicable	Module Description: <ol style="list-style-type: none"> 1. Radiology 2. Clinical Microbiology 3. Clinical Pathology 4. Pathology Anatomy
Semester(s) in which the module is Taught	This course is intended for first-year clinical students according to the scheduled rotation of group transfers
Person responsible for the module	<ol style="list-style-type: none"> 1. Radiology: dr. Masna Dewi Abdullah, Sp.Rad (K) MSK 2. Clinical Microbiology: dr. Wilda Mahdani, M.Si., M.Ked.Klin., Sp.MK 3. Pathology Clinic: dr. Vivi Keumala Mutiawati, Sp.PK 4. Pathology Anatomy: dr. Vera Dewi Mulia, SpPA
Lecturer	Radiology <ol style="list-style-type: none"> 1. Dr. dr. Iskandar Zakaria, Sp.Rad (K) RI 2. dr.Indrita Iqbalawaty, Sp.Rad 3. dr. Nurul Machillah, Sp.Rad 4. dr. Masna Dewi Abdullah, Sp.Rad (K) MSK 5. dr. Nita Elvira, Sp.Rad (K) TR 6. dr. Nurhayani Dwi Susanti, Sp.Rad (K) ABD 7. dr. Rima Novirianty, Sp.Onk Rad 8. dr. Khairida Riany, Sp.Rad (K) TR 9. dr. Afdhalurrahman, Sp.Rad 10. dr. Fenny Harika, Sp.Rad 11. dr. Teuku Muhammad Yus, Sp.Rad

	<p>Clinical Microbiology</p> <ol style="list-style-type: none"> 1. Dr. dr. Zinatul Hayati, M.Kes., Sp.MK(K) 2. dr. Wilda Mahdani, M.Si., M.Ked.Klin.,Sp.MK <p>Clinical Pathology</p> <ol style="list-style-type: none"> 1. dr. Vivi Keumala Mutiawati, Sp.PK 2. dr. Cut Murzalina, Sp.PK 3. dr. Buchari, Sp.PK 4. dr. Desiana, Sp.PK <p>Pathology Anatomy</p> <ol style="list-style-type: none"> 1. Dr. dr. Reno Keumalazia Kamarlis, SpPA(K) 2. dr. Vera Dewi Mulia, SpPA 3. dr. Fitri Dewi Ismida, M.Ked(PA), SpPA 4. dr. Darma Satria, M.Si., M Ked. Klin. Sp.BTKV
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is a compulsory course and offered in the first year. This course must be passed by students to graduate as a medical doctor.
Type of teaching, contact hours	The teaching methods used in this course are: <ul style="list-style-type: none"> - Lectures/Discussion : 10 hours (0.3 ECTS) - Practice/ Hands on : 100 hours (3.3 ECTS) - Discussion and Bedside teaching : 25 hours (0.7 ECTS) - Journal reading/Refrat/Case presentation : 25 hours (0.7 ECTS)
Workload	<p>Radiology</p> <p>Total hours 50 hours (lectures : 3 hours, Practice/Hands on: 30 hours, discussion and bedside teaching 8 hours, journal reading/Refrat/case Presentation : 8 hours) ~ 1,64 ECTS</p> <p>Clinical Microbiology</p> <p>Total hours 30 hours (lectures : 2 hours, Practice/Hands on: 20 hours, discussion and bedside teaching 4.5 hours, journal reading/Refrat/case Presentation : 4.5 hours) ~ 0.86 ECTS</p>

	<p>Clinical Pathology</p> <p>Total hours 50 hours (lectures : 3 hours, Practice/Hands on: 30 hours, discussion and bedside teaching 8 hours, journal reading/Refrat/case Presentation : 8 hours) ~ 1,64 ECTS</p> <p>Pathology Anatomy</p> <p>Total hours 30 hours (lectures : 2 hours, Practice/Hands on: 20 hours, discussion and bedside teaching 4.5 hours, journal reading/Refrat/case Presentation : 4.5 hours) ~ 0.86 ECTS</p>
Credit points	3 credit points (5 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to perform and interpret basic investigations of Radiology, Clinical Microbiology, Pathology Anatomy, and Clinical Pathology according to the National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) (C5,S5)
	CLO 2: Able to analyze and interpret a case in the field of Radiology, Clinical Microbiology, Pathology Anatomy, and Clinical Pathology by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)
	CLO 3: Able to apply the principles and rules of Radiology, Clinical Microbiology, Pathology Anatomy, and Clinical Pathology to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)

<p>Content</p>	<p>Radiology</p> <ol style="list-style-type: none"> 1. Introduction radiology: Radiology diagnostic, Radiotherapy, Nuclear imaging 2. Basic chest x ray: Congenital heart disease, infection, pleura effusion, edema pulmonum, emfisema, PPOK 3. Musculoskeletal x ray: fracture dan dislocation, osteomyelitis, degenerative joint disase, infeksius artriris, osteoporosis. 4. Abdomen imaging: acut abdomen, abdominal trauma, colitis, invaginasi 5. Spine, head and neck imaging: scoliosis, spondylolisthesis, sinusitis, mastoiditis, edema cerebri <p>Clinical Microbiology</p> <ol style="list-style-type: none"> 1. Biosafety Biosecurity & Laboratory Instrumentation 2. Specimen Handling 3. Microscopic Examination 4. Isolation and Identification of Gram positive & Gram-negative Bacteria 5. Isolation and Identification of Fungi 6. Antimicrobial Susceptibility Testing 7. Diagnostic Microbiology in Molecular Biology 8. Administration of Antibiotics in Hospitals and Hospital Antimicrobial Stewardship Program (PPRA-RS) 9. Healthcare Associated Infections (HAIs) & Hospital Infection Control and Prevention Program (PPI-RS) <p>Clinical Pathology</p> <ol style="list-style-type: none"> 1. Professional ethics related to the determination of laboratory tests as a supporting examination for screening, diagnosing, and monitoring diseases 2. Pathomechanism of the disease and its relation to the determination and interpretation of laboratory test results
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	<p>3. Collection, storage and delivery of specimens (venous puncture in children; venipuncture; finger prick; capillary puncture; collection of body fluids (faeces, urine, phlegm)) including determining the required specimens as indicated, solving problems related to specimens together with laboratory assistants and Clinical Pathology Specialists, providing education regarding procedures to patients and family members, and working on the collection, storage, and delivery of specimens under supervision or independently</p> <p>4. Hematological tests (preparation and examination of leukocyte count; routine blood tests (hemoglobin, hematocrit, leukocytes, platelets); examination of clotting profiles (bleeding time, clotting time); request for hematological examination based on indications) including determining the required laboratory tests according to indications , overcome problems related to laboratory tests together with laboratory assistants and Clinical Pathology Specialists, provide education regarding test procedures to patients and family members, and perform tests independently</p> <p>5. Tropical infection test (preparation, examination of sputum, and its interpretation (Gram and Ziehl Neelsen (BTA)); dip slide method (urine culture)) including determining the required laboratory tests as indicated, solving problems related to laboratory tests together with the laboratory assistant and Clinical Pathology Specialists, family members, and perform tests under supervision or independently</p> <p>6. Blood bank and transfusion medicine tests (preparation, examination of sputum, and their interpretation (checking of blood type and incompatibility; determining the indication and type of transfusion) including determining the required laboratory tests according to indications,</p>
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	<p>solving problems related to laboratory tests together with laboratory assistants and doctors Clinical Pathology Specialist, provides education regarding test procedures to patients and family members, and performs tests independently</p> <p>Pathology Anatomy</p> <ol style="list-style-type: none"> 1. Histopathology: indication of examination, Specimen handling, Tissue processing procedure, Result interpretation 2. Cytology: indication of examination, Specimen handling, Result interpretation and patient refer indication 3. Frozen Section: indication of examination, Specimen handling, Tissue processing procedure, Result interpretation 4. Immunohistochemistry: indication of examination, Specimen handling, Tissue processing procedure, Result interpretation
<p>Forms of Assessment</p>	<ol style="list-style-type: none"> 1. Case presentation/ refrat/ journal reading 2. Daily assessment 3. Post Test: CBT, OSCE
<p>Study & examination requirements and forms of examination</p>	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Assessment attendance Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation/ refrat/ journal reading assessment sheet, - Posttest exam

Media employed	Video and Powerpoint Presentations
Reading list	<p>Radiology</p> <ol style="list-style-type: none"> 1. Sjahriar Rasad. 2005. Buku Ajar Radiologi Diagnostik. Editor: Iwan Ekajuda. 2nd editions. BP FKUI 2. David Sutton. 2001. Radiology and Imaging for Medical Students. 7th ed. Churchill Livingstone 3. William Herring. 2015. Learning Radiology-Recognize the Basic. 3rd Elsevier 4. WHO. 2002. The WHO Manual of Diagnostic Imaging. Radiographic Anatomy and Interpretation of The Musculoskeletal System. Subtopik Terminology, Normal Anatomy, Trauma, Infection, Arthritis 5. Erskine J. Holmes, Rakesh R. Misra. 2004. A to Z Emergency Radiology. Cambridge University Press 6. Meschan I, 1985. Diagnostic Imaging, edisi ke 2. WB Saunders Co. Philadelphia 7. Bontrager KL, 1993, Text Book of Radiographic Positioning and Related Anatomy, Mosby Year Book. Philadelphia. 8. University of Florida, Anatomic Terminology : Planes of Action http://medinfo.ufl.edu/year1/rad6190/planes_section.shtml Last Updated:Aug 21, 2006 9. Meschan I: Radiology of the Head in Roentgen Signs in Diagnostic nd Imaging.vol.3, 2 ed.W.B Saunders Company. Philadelphia.1985; p 70 10. Sutton D: The Skull in Textbook of Radiology and medica Imaging, vol 2. 7th ed. Churchill Livingstone. London. 2003; p 1617 – 1613 11. Paul B, Adam W, Harold E: The Skull and Brain in Applied Radiological Anatomy for Medical Student. First ed. Cambridge University Press.2007; p 64-70

12. Greenspan, Adam: Orthopedic Imaging, A. Practical Approach, 4th Edition, Lippincot Williams & Wilkins, 2004
13. Meschan I: Rontgen Sign in Diagnostic Imaging, Volume 2, 1987
14. Torsten B Moeller, Pocket Atlats of Radiographic Positioning, 2nd edition, Thieme, 2009

Clinical Microbiology

1. Tille, P.M. 2022. Bailey & Scott's Diagnostic Microbiology. 15th edn. Mosby, Elsevier.
2. Leber AL. 2017. Clinical Microbiology Procedures Handbook. Volume 1-3. 4th Edition. Washington DC: ASM Press.
3. Mandell GL, Bennett JE, Dolin R. 2010. Principles and Practice of Infectious Disease. 7th Edition. New York: Churchill Livingstone.
4. Brooks, G. F., Butel, J. S., & Morse, S. A. 2006. Medical Microbiology. United States, 25th.
5. Larone, D.H. (2011). Medically Important Fungi a Guide to Identification. ASM Press.
6. Murray, P. R., Rosenthal, K. S., & Pfaller, M. A. 2020. Medical Microbiology E-book. Elsevier Health Sciences.
7. Ryan, K.J., Ray, C.G., Ahmad, N., Drew, W.L., Pottinger, M.L.P., Reller, L.B., Sterling, C.R. (eds.). 2018. Sherris Medical Microbiology. McGraw Hill Medical.
8. Mahon, C.R., Lehman, D.C. 2019. Textbook of Diagnosyic Microbiology. 6th edn. Saunders. Elsevier.

Clinical Pathology

1. Clinical Hematology Atlas, 5th Edition, 2017
2. Clinical Immunology Principles and Practice, 5th Edition, 2019
3. Dacie and Lewis Practical Hematology, 12th Edition, 2017
4. Essential Clinical Procedures, 4th Edition, 2021

	<ol style="list-style-type: none"> 5. Ferri's Best Test A Practical Guide to Laboratory Medicine and 6. Diagnostic Imaging, 4th Edition, 2019 7. Graff's Textbook of Urinalysis and Body Fluid, 3rd Edition, 2016 8. Hematology Basic Principles and Practice, 7th Edition, 2018 9. Henry's Clinical Diagnosis and Management by Laboratory Methods, 23rd Edition, 2017 10. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 6th Edition, 2018 <p>Pathology Anatomy</p> <ol style="list-style-type: none"> 1. Vinay Kumar, Ramzi S.Cotran, Stanley L.Robbins. Basic Pathology. 10th ed. Philadelphia: Saunders; 2020. 2. Rosai J. Rosai and Ackerman's Surgical Pathology. Mosby; Philadelphia-USA; 2017 3. Klatt, Edward. Robbinand Cotran. Atlas of Pathology. 3rd ed. China.: 2015
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Module Description : Pulmonology Emergency

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK710
Subtitle, if applicable	-
Course, if applicable	Module Description : Pulmonology Emergency
Semester(s) in which the module is taught	Offered in 1 st year
Person responsible for the module	Dr. dr. Budi Yanti, Sp.P(K), FAPSR
Lecturer	<ol style="list-style-type: none"> 1. dr. Teuku Zulfikar, Sp.P(K), FISR, FAPSR 2. Dr. dr. Herry Priyanto, Sp.P(K), FISR, FAPSR 3. dr. Dewi Behtri Yanifitri, Sp.P(K), FISR 4. Dr. dr. Yunita Arliny, M. Kes, Sp.P(K), FAPSR 5. dr. Novita Andayani, Sp.P(K), FISR 6. dr. Ferry Dwi Kuniawan, Sp.P(K), Ph.D, F APSP 7. dr. Nurrahmah, M.Ked(Paru), Sp.P(K), FISR 8. dr. Irmaini, MPH, Sp.P(K) 9. dr. Sri Dianova, Sp.P(K) 10. Dr. dr. Budi yanti, Sp.P(K), FAPSR 11. dr. Rinaldy, Sp.P 12. dr. Shilvanna Litania, M.Ked(Paru), Sp.P 13. dr. Wahyu Soebekti, Sp.P
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is an elective course in the first year of the clinic and must be passed by students to graduate as a doctor. phase
Type of teaching, contact hours	<p>The teaching methods used in this course are:</p> <ul style="list-style-type: none"> - Bedside teaching : 20 hours (0.8 ECTS) - Practice : 20 hours (0.8 ECTS) - Discussion : 10 hours (0.3 ECTS)

	- Case presentation : 3 hours (0.1 ECTS)
Workload	Total hours 53 hours, 2 ECTS in 2 weeks
Credit points	1 credit point (2 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of Pulmonology Emergency by applying ethics and professionalism (C5, S5)
	CLO 2: Able to analyze and interpret a case in the field of Pulmonology Emergency by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to apply the principles and rules of Pulmonology Emergency Medicine to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)
Content	<ol style="list-style-type: none"> 1. Acute Exacerbation of COPD, 2. Stable COPD, 3. Bronchial Asthma, 4. Statusasthmaticus, 5. Acute and Chronic Bronchitis,

	<ol style="list-style-type: none"> 6. Emphysema, 7. Pneumothorax, 8. Hydropneumothorax, 9. Respiratory Distress, 10. ARDS and Pulmonary Edema, 11. Management of: Hemoptysis, 12. Needle Decompression of the Chest Wall, 13. Treatment of Thoracic Drainage or Water Sealed Drainage (WSD), 14. Pleural Fluid Collection (Pleural Tap), 15. Pleural Puncture, 16. Lung Function Test/Basic Spirometry, 17. Measurement of Peak Expiratory Flow, 18. Inhalation Therapy/ Nebulizer, <p>Oxygen Therapy.</p>
Form of assessment	<ol style="list-style-type: none"> 1. Pretest 2. Case Presentation 19. CBT Examination
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference - CBT exam
Media employed	Video and Powerpoint Presentations
Reading list	<ol style="list-style-type: none"> 1. Buku Ajar Pulmonologi dan Kedokteran Respirasi jilid 1 dan 2, tahun 2018.

	<ol style="list-style-type: none"> 2. TB Paru. Perhimpunan Dokter Paru Indonesia. 2011 3. Pneumonia Komunitas. Perhimpunan Dokter Paru Indonesia. 2014 4. <i>Hospital/Ventilator Acquired Pneumonia</i>. Perhimpunan Dokter Paru Indonesia. 2018 5. Diagnosis and Treatment of Adults with Community-acquired Pneumonia. An Official Clinical Practice Guideline of the American Thoracic Society and Infectious Diseases Society of America. 2019 6. Mikosis Paru. Perhimpunan Dokter Paru Indonesia. 2017 7. TB Laten. Perhimpunan Dokter Paru Indonesia. 2016 8. ASMA, Buku Konsensus Pedoman Diagnosis dan Tatalaksana di Indonesia, Perhimpunan Dokter Paru Indonesia, 2018 9. PPOK, Buku Konsensus Pedoman Diagnosis dan Tatalaksana di Indonesia, Perhimpunan Dokter Paru Indonesia, 2018 10. Murray and Nadel's, <i>Textbook of Respiratory Medicine, Fourth Edition</i>, 2016. 11. Harrison's Principles of Internal Medicine: Pulmonology. Bina Rupa Aksara. Jakarta. 2013. 12. Pulmonologi Intervensi dan Critical Care, 2018 13. Buku Ajar Mikrobiologi Klinik, FKUI, 2010. 14. Mason, Broaddus, dkk, <i>Textbook of Respiratory Medicine 5th Edition</i>, tahun 2010. 15. Joseph Loscalzo, <i>Harrison's Pulmonary and Critical Medicine 2nd Edition</i>, tahun 2013. 16. Buku Ajar Radiologi diagnostik. Sjahriar Rasad. 2018 17. Buku Ajar Ilmu Kesehatan Anak. 2015 18. Kementerian Kesehatan RI 2016 19. Pedoman Nasional Pelayanan Kedokteran 2014
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	<p>20. Immunologi Dasar Abbas. Abul K. Abbas. 2018</p> <p>21. Immunologi “Lebih mudah dipahami”; Prof. dr. Syarifuddin Wahid, PhD, Sp.PA (K), SpF, dr. Upik A. Miskad, PhD, Sp.PA(K)</p>
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Appendix C.7.2 Module Description: Addiction Rehabilitation

Module name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK712
Subtitle, if applicable	-
Course, if applicable	Addiction Rehabilitation
Semester(s) in which the module is taught	Semester 1
Person responsible for the module	dr. Zulfa Zahra, Sp.KJ
Lecturer	<ol style="list-style-type: none"> 1. dr. Syahrial,Sp.KJ(K) 2. dr. Subhan Rio Pamungkas, Sp.KJ (K) 3. dr. Zulfa Zahra, Sp.KJ 4. dr. Suzanna Octiva, Sp.KJ
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is an elective course and offered in the 1 st semester
Type of teaching, contact hours	<p>Teaching methods used in this course are:</p> <ul style="list-style-type: none"> - Lectures/discussion (i.e., group investigation, small group discussion, case study, role play) - Structured assignments (i.e.,referat and vignette) - Clinical fieldwork (i.e., field observation) - The class size for lecture is approximately 12-25 students, while for clinical fieldwork is about 3-5 students for each lecturer.

Workload	For this course, students are required to meet a minimum of 53 hours 2 ECTS in 2 weekst which consist of: <ul style="list-style-type: none"> - 3 hours for lecture (0.1 ECTS) - 10 hours for structured assignments (0.45 ECTS) - 10 hours for private study (0.45 ECTS) - 30 hours for clinical fieldwork (1 ECTS)
Credit points	1 credit points (2 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all class assignments that are scheduled before the final tests
Recommended prerequisites	Students must have passed all core Addiction Rehabilitation courses
Module objectives/ course learning outcomes	CLO 1: Able to communicate with patients and their families, based on ethics, and then make decisions appropriately and accurately in the context of problem solving in addictive rehabilitation (S4)
	CLO 2: Able to analyze and interpret a case in the field of addictive rehabilitation by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to plan patient follow-up from a promotive and rehabilitative perspective in the field of addictive rehabilitation (C5)
Content	Students will learn about: <ul style="list-style-type: none"> - Type of stimulant drugs - Type of depressant drugs - Type of hallucinogen drugs - Mental and behavioral disorders due to alcohol, opioids, sedative & hypnotic, caffeine, and tobacco misused - Patient with alcohol, opioids, sedative & hypnotic, caffeine, and tobacco misused

	<ul style="list-style-type: none"> - Medical rehabilitation, detoxification, intoxication, outpatient care, medical examinations, supporting examinations, treatment of ill-effects of drugs, psychotherapy, dual diagnosis treatment, Voluntary Counseling and Testing (VCT), seminars, group activity therapy, etc. - Therapeutic community-based social rehabilitation - Spiritual activities in the form of mental and spiritual guidance - How to enhance patient's ability - Family Therapy - Psychology Therapy - Recreation for patients
Forms of Assessment	<ol style="list-style-type: none"> 1. Project report 5% 2. Presentation 5% 3. Final CBT 60% 4. Attendance and direct observation 10% 5. Practical sessions 20%
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must switch off all electronic devices. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline. - Students must attend the exam to get final grade. <p>Forms of examination:</p> <ol style="list-style-type: none"> 1. Computer based test - Multiple Choice Questionnaire 2. Objective Subjective Centered Examinations (OSCE)
Media employed	Video and PowerPoint Presentation
Reading list	<ol style="list-style-type: none"> 1. Othmer E, Othmer SC. The clinical interview using DSM-IV. Volume1: Fundamentals. Washington: American Psychiatric Press Inc., 1994. 2. Sadock BJ, Sadock VA. Kaplan & Sadock's synopsis of

	psychiatry. 9 th ed. Philadelphia: Lippincott Williams & Wilkins, 2003
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Module Description : Surgery

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK201
Subtitle, if applicable	
Course, if applicable	Surgery
Semester(s) in which the module is taught	Offered in 2 nd year
Person responsible for the module	Dr.dr. Dahril, Sp.U (K) FRACS Dr. Mirnasari Amirsyah, Sp.BP-RE(K)
Lecturer	<ol style="list-style-type: none"> 1. Dr. dr. Azharuddin, Sp.OT K-Spine FICS 2. dr. M Jailani, SpBP-RE (K) 3. Dr.dr. Dahril, Sp.U (K) FRACS 4. dr. Bustami, Sp.BS (K) 5. dr.Iskandar, M Kes Sp BS (K) 6. dr. Armia Indra Nur Alam, Sp.OT (K), FICS 7. dr. Zulkarnaini, Sp.OT 8. Dr.dr. Safrizal Rahman, M.Kes.Sp.OT 9. Dr.dr. Imam Hidayat, M. Kes, Sp.BS (K), FINPS 10. dr. Ferry Erdani, Sp.B KD 11. Dr.dr. Jufriady Ismy, Sp.U 12. dr. Muntadhar, Sp.B,SpBA 13. dr. Mirnasari Amirsyah, Sp.BP RE 14. dr.Muhammad Yusuf Sp.B KBD 15. dr. Yopie Afriandi Habibie, Sp.B.TKV, FIH,FICS,FACS 16. dr. Muslim, Sp B KBD 17. dr. Dian Adi Syahputra,Sp.BA 18. dr. Suhardi, Sp.B TKV 19. dr. Noer Faisal Darmi, Sp.B K-Onk 20. dr. Syamsul Rizal, SpBP RE

	<p>21. dr. T. Nanta Aulia, M Kes Sp.OT, K- Spine, FICS</p> <p>22. dr. Onarisa Ayu, M. Ked (Surg) Sp.OT(K) FICS</p> <p>23. dr. T. Yusriadi, SpBA</p> <p>24. Dr. Muhammad Ridha, Sp. U</p> <p>25. dr. Fachrul Junaidi, Sp.B (K)</p> <p>26. dr. Khalikul Razi, SpB</p> <p>27. dr. Yusri, SpB</p> <p>28. dr. Irsan Abubakar, SpOT</p> <p>29. dr. Fachrul razi, SpB K-Onk</p> <p>30. dr. Lauhil Mahfudz, SpB K(V)</p> <p>31. dr. Subhan Thaib, Sp.OT</p> <p>32. dr. M, Syaltut, Sp.BTKV</p> <p>33. dr. T. Yose Mahmuddin, SpBS</p> <p>34. dr. Muhammad Puteh Mauny, SpU</p> <p>35. dr. T. Nanda Putra, SpBp-RE</p> <p>36. dr. Maria Meildi, SpB</p> <p>37. dr. Hafifa Rahma Arrazy, Sp.EM</p> <p>38. dr. Akmal Ramadhan, Sp.And</p>
Language	Indonesian Language [Bahasa Indonesia]
Relation to curriculum	Students must complete this course in order to graduate as medical doctors; it is required during the second year of the clinical phase.
Type of teaching, contact hours	<p>The teaching methods used in this course are:</p> <ul style="list-style-type: none"> • Morning report : 52 hours (1.7 ECTS) • Bedside teaching : 53 hours (1.7 ECTS) • Practice : 54 hours (1.8 ECTS) • Case presentation : 54 hours (1.8 ECTS)
Workload	Total hours 213 hours, in 8 weeks (7 ECTS)
Credit points	4 credit point (7 ECTS)
Requirements according to the examination Regulations	All allocated work and class must be fulfilled before final exam.

Recommended preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	<p>CLO 1: Able to generate a diagnosis related to Surgery (C5)</p> <p>CLO 2 : Able to manage patients with with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field surgery by applying ethics and professionalism (S5)</p> <p>CLO 3: Able to plan patient follow-up from a promotive and rehabilitative perspective in the field of Surgery (C5)</p> <p>CLO 4: Able to analyze and interpret a case in the field Surgery by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)</p> <p>CLO 5: Able to apply the principles and rules of Surgery to disaster management and entrepreneurship (C3)</p>
Content	<ol style="list-style-type: none"> 1. Surgery in the Digestive Division: Grade 1-2 hemorrhoids, grade 3-4 hemorrhoids, umbilical infection, perianal abscess, acute appendicitis, peritonitis, hernia 2. Surgery in the Pediatric Division: Umbilical hernia, hernia (inguinalis, femoral, scrotal) strangulated, incarcerated, acute appendicitis, abscess of the appendix, umbilical hernia, hernia (inguinal, femoral, scrotal) reponibilis, Pyloric Stenosis, Cryptochidism, intussusception, invagination 3. Surgery in the Urology Division: Phimosi, Paraphimosi, Bladder Rupture, Urethral Rupture, Kidney Rupture, Urinary tract stones (vesica urinaria, ureter, urethra) without colic, testis torsion, Wilm’s Tumor, Hydrocele 4. Surgery in the Nervous Division: intracerebral hematoma, subarachnoid hemorrhage, acute medulla compression, spina bifida, brain abscess, hydrocephalus, cerebral primary tumor, cerebral secondary tumor, epidural hematoma, subdural

	<p>hematoma, medullary trauma spinalis, Reye's Syndrome</p> <p>5. Surgery in the Division of Oncology: Mastitis, Hypothyroidism, Hypoparathyroidism, Hyperthyroidism, Lymphoma, Hyperparathyroidism, Goiter, Xanthoma, Breast Tumor, Breast Abscess</p> <p>6. Surgery in the Plastics Division: Ulcer at Extremity, Lacerated and Punctuated Wound, Burns Grade 1,2, Penetrating Wound, Electrical Burn, Cleft Lip and Palate, Hypospadias, Epispadias, Haemangioma</p> <p>7. Surgery in Cardiovascular Thorax Division: Haematothorax, Massive pleural effusion, Pulmonary emphysema, Ventil pneumothorax, Pneumothorax, Lung carcinoma, Pleural effusion, Lymphedema, Artery Thrombosis, Varices, Buerger's Disease.</p> <p>8. Orthopaedy Surgery Division: Tibia Fracture, Femur Fracture, Humerus</p> <p>9. Fracture, Antebrachii Fracture, Sholuder Dislocation, Spinal Cord Injury, Acute Osteomyelitis, Compartment Syndrome, Vascular Trauma, Ankle Dislocation, Elbow Dislocation.</p>
Form of assessment	<p>Stasion: 10%</p> <p>MiniCex : 20%</p> <p>OSCE : 30%</p> <p>CBT : 30%</p> <p>Case Study : 10%</p>
Media employed	Text book and teaching video
Reading list	<ol style="list-style-type: none"> 1. Ashley. Maingot's Abdominal Operations. 12th ed. New York: McGraw- Hill Medical, 2013. 2. Sabiston, D. C., Sellke, F. W., Del, N. P. J., & Swanson, S. J. (2010). <i>Sabiston & Spencer surgery of the chest</i>. Philadelphia: Saunders/Elsevier. 3. Rosenberg. Devita, Hellman, and Rosenberg's Cancer: Principles & Practice of Oncology. 10th edition. Philadelphia: Wolters Kluwer, 2015. 4. Coran, Arnold G, and N S. Adzick. Pediatric Surgery.

	<p>Philadelphia, PA: Elsevier Mosby, 2012.</p> <p>5. <i>Grabb and Smith's plastic surgery: Editor-in-chief, Charles H. Thorne ; editors, Kevin C. Chung, Arun Gosain, Geoffrey C. Gurtner, Babak Joseph Mehrara, J. Peter Rubin, Scott L. Spear</i> (Seventh edition.). Philadelphia</p> <p>6. <i>Campbell-Walsh Urology</i>. 10th ed. Philadelphia, PA: Elsevier Saunders, 2012.</p> <p>7. <i>Mattox</i>, Kenneth L, David V. Feliciano, and Ernest E. Moore. <i>Trauma</i>. New York: Appleton & Lange, 2000. Print. Turabian (6th ed.)</p>
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Module Description : ENT

Modul name	Course Module Ear, nose, and throat
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 203
Subtitle, if applicable	
Course, if applicable	Ear, Nose, Throat (ENT)
Semester(s) in which the module is taught	Offered in 2 nd year of Medical Doctor program
Person responsible for the module	Dina Alia, MD, ORL-HNS, PhD
Lecturer	<ol style="list-style-type: none"> 1. Benny Kurnia, MD, ORL-HNS 2. T. Husni T.R., MD, ORL-HNS 3. Ikbal Ismail, MD, ORL-HNS 4. Azwar Ridwan, MD, ORL-HNS, PhD 5. Lily Setiani, MD, ORL-HNS 6. Novina Rahmawati, MD, ORL-HNS 7. Fadhlia, MD, ORL-HNS 8. Elvia Haroen, MD, ORL-HNS 9. Iskandar Zulkarnain, MD, ORL-HNS 10. Suriyanti, MD, ORL-HNS
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the second year of the MD program and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	<p>The teaching methods used in this course are:</p> <ul style="list-style-type: none"> - Case report presentation (20 hours) : 0.9 ECTS - Bed site teaching (60 hours) : 2 ECTS

	<ul style="list-style-type: none"> - Critical journal (17 hours) : 0.8 ECTS - Lecture (10 hours) : 0.3 ECTS
Workload	107 hours, 4 ECTS in 4 weeks
Credit points	2 credit point (4 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of ENT by applying ethics and professionalism (C5, S5)
	CLO 2: Able to analyze and interpret a case in the field of ENT by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to apply the principles and rules of ENT to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)
Content	<ol style="list-style-type: none"> 1. Knowledge of anatomy, histology, and physiology of Ear Nose Throat Head Neck and relation to ENT diseases 2. Basic Examination and Diagnostics Ear Nose Throat Head Neck 3. Diseases and Disorders of the Ear Nose Throat Head and Neck 4. Early emergency diagnosis and management and referral for ear, nose, throat, head and neck disease

	<p>Clinical Skills:</p> <p>Inspection of the auricle, position of the ear and mastoid; Examination of the external auditory meatus with an otoscope; Examination of the tympanic membrane with an otoscope; Using a head mirror Hearing test; tuning fork examination (Weber, Rinne, Schwabach), Hearing test, whisper test; Hearing examination in children; Inspect the shape of the nose and nostrils; Assessment of nasal obstruction; Smell test; Anterior rhinoscopy; Frontal & maxillary sinus transillumination; Taste assessment; Valsalva maneuver; Cleaning of the external auditory meatus with a swab; Removal of cerumen using a hook or curette; Removal of foreign body in ear; Stops nose bleeding; Removal of foreign body from nose; Palpation of salivary glands (submandibular, parotid); Palpation of the brachial lymph nodes; Palpation of the thyroid gland; Throat swab.</p>
Form of assessment	<p>Case based discussion : 15%</p> <p>Case report, critical journal : 20%</p> <p>Structured assignment : 20%</p> <p>Pre test: 5%</p> <p>CBT : 20%</p> <p>Attitude : 10%</p> <p>OSCE : 20%</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 10 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of examinations :</p> <ul style="list-style-type: none"> - Multiple Choice Questions - OSCE
Media employed	Powerpoint Presentations

Reading list	<ol style="list-style-type: none">1. Buku Ajar Ilmu Kesehatan Telinga Hidung Tenggorok Kepala Leher UI. Soetirto I, Hendarmin H, Bashiruddin J.. Buku Ajar Ilmu Kesehatan Telinga Hidung Tenggorok Kepala & Leher. 2012.Jakarta: Balai Penerbit FKUI.2. Boies's Fundamental of Otolaryngology. Buku Ajar Penyakit THT Edisi 6. Editor: Adams Boies Highler, 2012.3. DHINGRA P. In: Diseases of Ear, Nose and Throat & Head and Neck Surgery. 4th ed. Reed Elsevier; 2018:3-14.
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Module Description : Ophthalmology

Modul name	Course Module Ophthalmology
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 205
Subtitle, if applicable	
Course, if applicable	Ophthalmology
Semester(s) in which the module is taught	Offered in 2 nd year of Medical Doctor program
Person responsible for the module	Cut Putri Samira, MD, Ophthalmologist
Lecturer	<ol style="list-style-type: none"> 1. Yulia Puspita Sari, MD, Ophthalmologist 2. Jamhur, MD, Ophthalmologist 3. Rahmi Adriman, MD, Ophthalmologist 4. Firdalena Meutia, MD, Ophthalmologist 5. Lia Meuthia Zaini, MD, Ophthalmologist 6. Saiful Basri, MD, Ophthalmologist 7. Sri Marlinda, MD, Ophthalmologist 8. Eva Imelda, MD, Ophthalmologist 9. Harmaini, MD, Ophthalmologist 10. Siti Hajar, MD, Ophthalmologist 11. Enny Nilawati, MD, Ophthalmologist 12. Idaman Putri, MD, Ophthalmologist 13. Cut Putri Samira, MD, Ophthalmologist 14. Niska Alfisyahrin, MD, Ophthalmologist
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the second year of the MD program and must be passed by students to graduate as medical doctor

Type of teaching, contact hours	The teaching methods used in this course are: - Case report presentation (20 hours) : 0.9 ECTS - Bed site teaching (60 hours) : 2 ECTS - Critical journal (17 hours) : 0.8 ECTS - Lecture (10 hours) : 0.3 ECTS
Workload	107 hours, 4 ECTS in 4 weeks
Credit points	2 credit point (4 ECTS)
Requirements according to the examination Regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommended preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of Ophthalmology by applying ethics and professionalism (C5, S5)
	CLO 2: Able to analyze and interpret a case in the field of Ophthalmology by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to apply the principles and rules of Ophthalmology to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)
Content	1. Knowledge of anatomy, histology, and physiology of Eye and relation to Eye diseases 2. Basic Examination and Diagnostics of Eye

	<p>3. Diseases and Disorders of Eye</p> <p>4. Early emergency diagnosis and management and referral for eye disease</p> <p>Clinical Skills:</p> <p>Introduction to ophthalmological examination; Subjective refraction for adults; Refraction for pediatrics and special needs patients; Eye movement; Eyelid examination; Anterior segmen examination (conjunctiva, sclera and cornea); Intra Ocular Pressure (IOP) and visual field examination; Pupil and anterior chamber examination; Funduscopy; Contrast and colour vision test; Clinical issues relevant to : Refractive disorder, Eyelid disorder, Anterior segmen inflammation (conjunctivitis, episcleritis, scleritis, keratitis), Lens disorder (cataract, subluxated, aphakic), Glaucoma, Retimopathy (diebetic, hypertensive, age related), Eye movement disorder (strabismus), and Pediatric disorder (amblyopia, night blindness, retinoblastoma).</p>
<p>Form of assessment</p>	<p>Case report, critical journal : 20 %</p> <p>Pre test: 10%</p> <p>CBT : 25%</p> <p>Attitude & Direct Observation : 20%</p> <p>OSCE : 25%</p>
<p>Study and examination requirements and forms of examination</p>	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 10 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of examinations:</p>

	<ul style="list-style-type: none"> - Multiple Choice Questions - OSCE
Media employed	Powerpoint Presentations
Reading list	<ol style="list-style-type: none"> 1. Buku Ajar Oftalmologi Fakultas Kedokteran Universitas Indonesia. Sitorus RS, Sitompul R, Widyawati S, Bani AP, editors. 2017. Jakarta: Balai Penerbit FKUI. 2. Basic and Clinical Science Course. 2021th–2022th ed. San Fransisco, California: American Academy of Ophthalmology; 2021. 3. Riordan-Eva P, James J Augsburger. Vaughan & Asbury's General Ophtalmology. 9th editio. New York: Mc Graw Hill Education; 2018. 4. Kanski J, Bowling B. Clinical ophtalmology: a systemic approach. Edisi ke-8. Australia: Elsevier; 2020

Module Description: Forensic Medicine and Medicolegal

Module name	Course Module
Module level, if Applicable	Medical Doctor Program
Code, if applicable	DOK 207
Subtitle, if applicable	-
Course	Module Description: Forensic Medicine and Medicolegal
Semester(s) in which the module is taught	Offered in 2 nd year
Person responsible for the module	Dr.dr.Taufik Suryadi, Sp.F(K), Dipl.BE
Lecturer	Dr.dr.Taufik Suryadi, Sp.F(K), Dipl.BE
Language	Indonesian language (Bahasa Indonesia)
Relation to curriculum	The course is a compulsory course in the 2 nd year of the clinical phase and must be passed by students to graduate as medical doctor. This course will be held in the Medical Doctor Program semesters 3-4 for 2 weeks with a load of 1 credit. The scope of Forensic Medicine in medical education generally includes ethics-medicolegal, clinical forensics, and pathological forensics. The purpose of the clinical clerkship of forensic medicine is to produce a doctor who is ethical, skilled, independent, active, and professional and able to apply forensic and medicolegal science in the medical profession.
Type of teaching, contact hours	The teaching method used in this course are: <ul style="list-style-type: none"> - Bedside teaching, - General lectures, - Consultation, - Practical sessions, - Case report, - Role plays

	<p>Contact hours:</p> <ul style="list-style-type: none"> - Bedside teaching (15 hours) : 0.6 ECTS - General lectures (3 hours) : 0.1 ECTS - Consultation (5 hours) : 0.2 ECTS - Practical sessions (20 hours) : 0,7 ECTS - Case report (5 hours) : 0.2 ECTS - Role plays (5 hours) : 0.2 ECTS
Workload	Total hours 53 hours, 2 ECTS in 2 weeks
Credit points	1 credit point (2 ECTS)
Requirements according to the examination	Students must have attended all classes and submitted all assignment that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Universitas Syiah Kuala
Module objectives/ Course Learning Outcome	<p>CLO 1: Able to carry out examinations, diagnosis and therapy in field of Forensic Medicine and Medicolegal (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) (C3)</p> <p>CLO 2: Able to analyze and interpret a case in the field of Forensic Medicine and Medicolegal by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4, C6)</p>
	Able to apply the principles of effective communication with patients/families by applying ethics and professionalism (C3)
Content	<ol style="list-style-type: none"> 1. Visum et repertum 2. Indonesian law associated with forensic medicine 3. Autopsy and exhumation 4. Clinical forensic examination 5. Forensic pathology examination 6. Traffic accident and traumatology 7. Sexual violence 8. Domestic violence

	<p>9. Asphyxia</p> <p>10. Infanticide and child abuse</p> <p>11. Sudden death</p> <p>12. Simulation of giving expert testimony</p>
Form of assessment	<p>1. Cognitive responses (20%)</p> <p>2. Case report (10%)</p> <p>3. Consultation (10%)</p> <p>4. Attendance and direct observation (20%)</p> <p>5. Paper based test (20%)</p> <p>6. OSCE (20%)</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference - OSCE form and PBT - Oral exam assessment sheet
Media employed	Video and Power point Presentations
Reading list	<p>1. Amir A. <i>Rangkaian Ilmu Kedokteran Forensik</i>. 3rd ed. Departemen Kedokteran Forensik Fakultas Kedokteran Universitas Sumatera Utara. Medan. 2013.</p> <p>2. Dahlan S, Trisnadi S. <i>Ilmu Kedokteran Forensik</i>. Fakultas Kedokteran Universitas Sultan Agung. Semarang. 2019.</p> <p>3. Idries AM, Tjiptomartono AL. <i>Penerapan Ilmu Kedokteran Forensik dalam Proses Penyidikan, edisi 3</i>. Jakarta. 2013. Payne J, James. History and Development of Clinical Forensic Medicine. From <i>Clinical Forensic</i></p>

	<p><i>Medicine : a Physician Guide</i>, 2nd ed. edited by M.M.Stark. Humana Press Inc. Totowa. 2020.</p> <p>4. Roux C, Beavis A, Benson S, Braybon E, Dawson M, Doble P. <i>Forensic science in the 21th Century - Will Trace Evidence Ever Reach the Next Level?</i>. 2020.</p> <p>5. Suryadi, T. <i>Buku Modul Kepaniteraan Klinik Ilmu Kedokteran Forensik dan Medikolegal</i>. Bagian Ilmu Kedokteran Forensik dan Medikolegal Fakultas Kedokteran Universitas Syiah Kuala. 2015.</p>
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Course Module

Module Description : Anesthesiology and Intensive Care Medicine

Modul name	Course module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOC 209
Subtitle, if applicable	-
Course, if applicable	Module Description : Anesthesiology and Intensive care
Semester (s) in which the module is taught	Offered in 2 st year
Person responsible for the Module	Dr. Riswandi Sp.An
Lecturer	<ol style="list-style-type: none">1. dr. Fachrul Jamal, Sp.An.,KIC2. DR. dr. Zafrullah Khany Jasa, Sp.An.,KNA3. dr. Teuku Yasir, Sp.An KIC, FIPM4. dr. Azwar Risyad, Sp.An5. dr. Yusmalinda, Sp.An6. dr. Mujahidin, Sp.An, KAKV, M.Sc.,FIPM7. dr. Kulsum, M.Ked(An), Sp.An, KNA8. dr. Eka Adhiany, Sp.An9. dr. Rahmi, Sp.An10. dr. Riswandi, Sp,An11. dr. Rozi Fadhuri, Sp.An12. dr. Fauzan Bachtiar Amin, Sp.An13. dr. Muhammad Iqbal, Sp.An14. dr. Meilya Silvalila, Sp.EM
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the first year of the clinical phase and must be passed by students to graduate as medical

Type of Teaching, Contact Hours	The teaching methods used in this course are: <ul style="list-style-type: none"> - Bedside teaching : 20 hours (0.8 ECTS) - Practice : 20 hours (0.8 ECTS) - Discussion : 10 hours (0.3 ECTS) - Case presentation : 3 hours (0.1 ECTS)
Workload	Total hours 53 hours, in 2 weeks (ECTS: 2)
Credit Points	1 credit point (2 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommended Preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ courselearning outcomes	CLO 1: Able to carry out examination, diagnosis and treatment of emergency patients so that they can provide life support, patient stabilization, patient transportation according to existing facilities, pre and post surgery and acute-chronic pain based on the National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019),
	CLO 2: Able to analyze and interpret a case in the field of Anesthesiology and Intensive care by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)
	CLO 3: Able to apply the principles and rules of Anesthesiology and Intensive care to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)
Content	<ol style="list-style-type: none"> 1. Informed Consent 2. Basic Life Support 3. Airway Management

	<ol style="list-style-type: none"> 4. Drugs used for resuscitation 5. Respiratory Emergency 6. Fluid Therapy 7. Intensif care 8. Pain management
Form of assessment	<ul style="list-style-type: none"> - MCQ - Mini cex - Case presentation - Referat presentation Final exam
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference - Minicex form - DOPS form - Oral exam assessment sheet
Media employed	Video, Discussion, Practice and Powerpoint Presentations
Reading list	<ol style="list-style-type: none"> 1. Morgan and Mikhail's Clinical Anesthesiology 2. KATI-Anestesiologi dan Terapi Intensif 3. Stoelting's Handbook of Pharmacology and Physiologi in Anesthetic Practice 4. Advanced Training in Anesthesia Miller's

	Anesthesia
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Module Description: Emergency Cardiology

Modul name	Emergency Cardiology
Module level, if Applicable	Medical Doctor Program
Code, if applicable	DOK 211
Subtitle, if applicable	
Course, if applicable	Advanced Cardiac Life Support (ACLS), Emergency Elektrokardiogram (EKG)
Semester(s) in which the module is taught	Offered in 2 nd year
Person responsible for the module	Maha Fitra ND, MD
Lecturer	<ol style="list-style-type: none"> 1. Prof. Dr. dr. Teuku Heriansyah, Sp.JP(K)-FIHA., FESC., FAsCC. 2. dr. Adi Purnawarman. Sp.JP(K)-FIHA.,FAsCC. 3. dr. Novita, Sp.JP(K)-FIHA.,FAsCC. 4. dr. Nurkhalis, Sp.JP-FIHA.,FAsCC. 5. dr. Muhammad Ridwan, MAppSc, Sp.JP(K)-FIHA. 6. dr. Sri Murdiati, Sp.JP-FIHA. 7. dr. Muhammad Muqsith, Sp.JP(K)-FIHA. 8. dr. Haris Munirwan, Sp.JP-FIHA. 9. dr. Maha Fitra ND, Sp.JP-FIHA. 10. dr. Aris Munandar Z.I, Sp.JP-FIHA
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is an elective course in the second year of the clinical phase
Type of teaching, contact hours	<p>The teaching methods used in this course are:</p> <ul style="list-style-type: none"> - bedside teaching - Practical Session - Case study - Case presentation

Workload	The teaching methods used in this course are: <ul style="list-style-type: none"> - Bedside teaching : 20 hours (0.8 ECTS) - Practical session : 20 hours (0.8 ECTS) - Case study : 10 hours (0.3 ECTS) - Case presentation : 3 hours (0.1 ECTS)
Credit points	Total hours 53 hours, 2 ECTS in 2 weeks
Requirements according to the examination Regulations	Students must have attended all classes, presented a case, and submitted all assignments that are scheduled before the final tests.
Recommended preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course Learning Outcome	<p>CLO 1: Able to carry out anamnesis-clinical examinations, propose investigations, make a diagnosis and plan the management of patients with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field of Emergency Cardiology by applying ethics and professionalism (C5, S5)</p> <p>CLO 2: Able to analyze and interpret a case in the field of Emergency Cardiology by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)</p> <p>CLO 3: Able to apply the principles and rules of Emergency Cardiology to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)</p>
Content	<ol style="list-style-type: none"> 1. Able to carry out the care of cardiac arrest, post ROSC, extreme arrhythmia, Acute Coronary Syndrome (S5). 2. Able to manage Management of cardiac arrest, post ROSC care, extreme arrhythmia, Acute

	<p>Coronary (S5). Syndrome</p> <p>3. Able to practice the analysis of the Emergency ECG (S3)</p> <p>Clinical Skills:</p> <p>Installation EKG (4A), Interpreting Basic EKG: the meaning each wave, calculating Heart Rate, deciding Axis, Duration, Amplitude Interval, etc (4A), basic cardiovascular physical examination (4A),</p> <p>Therapeutic Skills:</p> <p>Managing cardiogenic shock (3B), unstable angina pectoris (3B), Non-STEMI (3B), STEMI (3B), acute heart failure (3B), supraventricular tachycardia (3B), ventricular tachycardia (3B), atrial fibrillation (3B), Ventricular fibrillation (3B)</p>
Form of assessment	<p>Case based presentation : 20%</p> <p>CBT : 25%</p> <p>Attitude/ Attendance: 15%</p> <p>OSCE : 40%</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 10 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of examinations:</p> <ul style="list-style-type: none"> - Multiple Choice Questions - OSCE
Media employed	Powerpoint Presentations
Reading list	<ol style="list-style-type: none"> 1. American Heart Association (AHA) Advanced Cardiac Life Support. 2020 2. Crash course Kardiologi Edisi 4 2018 3. Crash course Sistem Kardiovaskular, 2018

	<ol style="list-style-type: none">4. Patofisiologi Kardiovaskular, Silvia Price.20165. Pedoman Bantuan Hidup Dasar dan Lanjutan Kardiovaskular. PERKI 20186. Pedoman PERKI tentang SKA7. Panduan Tata Laksanaan Dislipidemia. PERKI 20178. Pedoman Atrial Fibrilasi. PERKI9. Pedoman Tatalaksanaan Hipertensi. PERKI. 201710. Pedoman tatalaksanaan gagal jantung. PERKI11. Pedoman EKG. Departemen Kardiologi FK Unair. Surabaya. 201712. Standar Kompetensi Dokter Indonesia 2012
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Module Description: Leadership and Organization Development

Module name	Course Module
Module level, if Applicable	Medical Doctor Program : Leadership and Organization Development
Code, if applicable	DOK 711
Subtitle, , if applicable	-
Course	Module Description: Leadership and Organization Development
Semester(s) in which the module is taught	Offered in 2 nd year
Person responsible for the module	<ol style="list-style-type: none"> 1. Dr. dr. Rachmad Suhanda, M.Kes 2. dr. Hafni Andayani, M.Kes
Lecturer	<ol style="list-style-type: none"> 1. Dr. dr. Rachmad Suhanda, M.Kes 2. drg. Saifuddin Ishak, M. Kes, PKK. 3. Dr. dr. M. Yani, M.Kes, PKK 4. dr. Liza Salawati, M.Kes, FISPH, FISCAM, Sp.KKLP 5. dr. Tilaili Ibrahim, M.Kes.PKK, Sp.KKLP 6. dr. Nurjannah, MPH, Ph.D 7. Dr. dr. Nasyaruddin Herry Taufik, Sp.RM 8. Dr. H. Said Usman, M.Kes, 9. Dr. Irwan Saputra, S.Kep 10. dr. Teuku Renaldi, M.K.M 11. dr. Hafni Andayani, M.Kes. 12. dr. Cut Mustika, M.Si 13. dr. Mutia Diana, M.Kes 14. dr. Zanisa, MARS
Language	Indonesian language (Bahasa Indonesia)
Relation to curriculum	This course is an elective course in the second year of the clinical phase and must be passed by students to graduate as medical doctor

Type of teaching, contact hours	<p>Learning Methods in this subject are:</p> <ul style="list-style-type: none"> - Lectures and discussion (13 hours) : 0.6 ECTS - Practice, role play (40 hours) : 1.4 ECTS - The duration of this course is 2 weeks, and the number of participants for this course varies in each cycle according to the rotation of students.
Workload	During this course, student will study for 2 weeks, with a total of 53 hours (2 ECTS)
Credit points	1 credit point (3 ECTS)
Requirements according to the examination	Students must have attended all classes and submitted all assignment that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Universitas Syiah Kuala
Module objectives/ course Learning Outcome	<p>CLO 1: Able to plan and collaborate in improving the quality of public health starting from problem analysis up to making changes to the level of public health through the development of primary health organizations both with internal and external parties (C5).</p> <p>CLO 2: Able to apply the principles and principles of Leadership and Health Organization Development Sciences in disaster management and entrepreneurship (C3)</p> <p>CLO 3: Able to apply the principles and rules of Leadership and Health Organization Development Sciences to disaster management and entrepreneurship (<i>sociomedicopreneur</i>) (C3)</p>
Content	<ol style="list-style-type: none"> 1. Organizational management and planning in health organizations. 2. The concept of leadership. 3. The concept of people management 4. Team work concept 5. The concept of medicopreneurship 6. SWOT analysis in medicopreneurship.

	<p>7. Health facility concept (primary clinic, private clinic, and main clinic)</p> <p>8. Ethical and legal aspects of medicopreneurs.</p> <p>9. Business feasibility analysis.</p> <p>10. Implementation of leadership and medicopreneurship concepts at the FKTP level.</p> <p>11. Implementation of the concept of leadership and medicopreneurship at the FKRTL level.</p>
Form of assessment	<p>1. Pretest CBT (10%)</p> <p>2. Case presentation/mini project (60%)</p> <p>3. Final CBT (20%)</p> <p>4. Attendance and Direct Observation (10%)</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet - CBT
Media employed	Text book, Teaching Video and Power point Presentations
Reading list	<p>1. Wibowo, U.B (2011). Teori Kepemimpinan. Universitas Negeri Yogyakarta</p> <p>2. Nawawi, H.H (2010). Kepemimpinan Mengefektifkan Organisasi. Gadjah Mada University Press, Jogjakarta</p> <p>3. Ariwibowo S. A (2009). Kecerdasan Entrepreneur: Memulai, Membangun, Merawat, dan Mengembangkan Bisnis Anda. PT. Elex Media Kompetindo. Jakarta.</p> <p>4. Hassid, J. & Konselis, A-S (2007). Introduction to</p>

	<p>Entrepreneurship Part A: Theorising Entrepreneurship, The Background of Entrepreneurial Activity. Department for International Development (2002). Tools for Development: a handbook for those engaged in development activities. Tbilisi State University</p> <p>5. Abrams, R. (2003). The successful business plan: secrets and strategies 4th Edition. The Planning Shop. Palo Alto – California</p> <p>6. McKeever, M.P (2015). How to Write a Business Plan. Nolo Publishers. United States of America.</p> <p>7. Lazear, E.P (2005). Leaders and Entrepreneurs: Where they produce the most value. Hoover Institution and Graduate School of Business - Stanford University</p>
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Module Description: Obstetrics and Gynecology

Module name	Course Module
Module level, if applicable	Medical Doctor Program: Obstetric and Gynecology
Code, if applicable	DOK 202
Subtitle , if applicable	-
Course	Module Description: Obstetric and Gynecology
Semester(s) in which the module is taught	Offered in 2 nd year
Person responsible for the Module	<ol style="list-style-type: none"> 1. Dr. Cut Rika Maharani, SpOG 2. Dr. Roziana, M. Ked, SpOG-UroginRE
Lecturer	<ol style="list-style-type: none"> 1. Prof. Dr. dr. Rajuddin, Sp.OG(K) 2. Dr.dr. Hasanuddin, Sp.OG(K)-Onk 3. Dr.dr. Cut Meurah Yeni, Sp.OG (K)-KFM 4. dr. Tgk. Puspa Dewi, Sp.OG (K)-Obsos 5. dr. Munawar, Sp.OG (K)-Obsos 6. dr. Sarah Ika Nainggolan, Sp.OG(K)-Onk 7. dr. Munizar, Sp.OG (K)-Onk 8. dr. Niken Asri Utami, Sp.OG (K)-KFM, IBCLC 9. dr. Yusra Septivera, Sp.OG 10. dr. Roziana, M. Ked Sp.OG (K)-UroginRE 11. dr. Dewi Karlina Rusli, SpOG 12. dr. Cut Rika Maharani, SpOG 13. dr. Ima Indirayani, Dr, ObGyn 14. dr. Rusnaldi, SpOG (K)-Fer 15. dr. Riska Adtya, SpOG
Language	Indonesian language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the second year of the clinical phase and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	<p>The teaching methods used in this course are:</p> <ul style="list-style-type: none"> • Morning report : 52 hours (1.7 ECTS)

	<ul style="list-style-type: none"> • Bedside teaching : 53 hours (1.7 ECTS) • Practice : 54 hours (1.8 ECTS) • Case presentation : 54 hours (1.8 ECTS)
Workload	Total hours 213 hours, in 8 weeks (7 ECTS)
Credit points	4 credit point (7 ECTS)
Requirements according to the examination	Students must have attended all classes and submitted all assignment that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to generate a diagnosis related to Obstetrics and Gynaecology problems (C5)
	CLO 2 : Able to manage patients with with certain diseases (according to National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) in the field Obstetrics and Gynaecology by applying ethics and professionalism (S5)
	CLO 3: Able to plan patient follow-up from a promotive and rehabilitative perspective in the field of Obstetrics and Gynaecology (C5)
	CLO 4: Able to analyze and interpret a case in the field Obstetrics and Gynaecology by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)
	CLO 5: Able to apply the principles and principles of Obstetrics and Gynaecology to disaster management and entrepreneurship (C3)
Content	<ol style="list-style-type: none"> 1. Basic knowledge of the reproductive system (anatomy, histology, biochemistry and physiology), drugs and nutrition related to obstetrics and gynecology cases 2. Make status/fill in case medical records according to

	<p>competency level</p> <ol style="list-style-type: none"> 3. Perform a general physical examination as well as obstetric and gynecological examinations 4. Establishing a working diagnosis and differential diagnosis of obstetric and gynecological cases 5. Designing appropriate supporting examinations, both radiological examinations and laboratory examinations 6. Carry out management according to the competency level of obstetric and gynecological cases 7. Perform clinical procedures according to competency level 8. Make timely referrals to cases of competency level 1,2, and 3 9. Cooperating with teams both intraprofessionally and interprofessionally with other disciplines so that the management of holistic and comprehensive obstetrics and gynecology cases
Form of assessment	<ol style="list-style-type: none"> 1. Pretest CBT (10%) 2. Case presentation/ scientific work (20%) 3. Final CBT (30%) 4. Attendance and Direct Observation (10%) 5. OSCE (30%)
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference

	- OSCE form and CBT
Media employed	Text book, Teaching Video and Power point Presentations
Reading list	<ol style="list-style-type: none"> 1. Sarwono Prawirohardjo, et.al. Buku Ilmu Kebidanan. PT Bina Pustaka Sarwono Prawirohardjo, 2014 2. Sarwono Prawirohardjo, et.al. Buku Ilmu Kandungan edisi ketiga, PT Bina Pustaka Sarwono Prawirohardjo, 2008 3. Sarwono Prawirohardjo, et.al. Buku Bedah Kebidanan, PT Bina Pustaka Sarwono Prawirohardjo, 2010 4. Sarwono Prawirohardjo, et.al. Buku Acuan Nasional Pelayanan Kesehatan Maternal dan Neonatal, 2010 5. Sarwono Prawirohardjo, et.al. Panduan Praktis Pelayanan Kontrasepsi. PT Bina Pustaka Sarwono Prawirohardjo, 2010 6. Cunningham FG, et al. Williams Obstetrics. 24th ed. New York: The McGraw-Hill Companies, Inc.;2014. 7. Cunningham FG, et al. Williams Gynecology. 2nd ed. New York: The McGraw-Hill Companies, Inc.;2012. 8. Buku Saku Pelayanan Kesehatan Ibu di Fasilitas Kesehatan Dasar dan Rujukan, edisi 1, 2013, Kemenkes RI 9. Pedoman Antenatal Terpadu. Kementrian Kesehatan Direktur Jenderal Bina Kesehatan Masyarakat, 2010 10. WHO Recommendations on Antenatal Care for A Positive Pregnancy Experience. Geneve: World Health Organization, 2016. 11. Buku KIA Kesehatan Ibu dan Anak. 12. Kementrian Kesehatan Republik Indonesia. 2020 13. Samil RS. Etika Kedokteran Indonesia. Yayasan Bina Pustaka Sarwono Prawirohardjo 2001

Module Description : Public Health and Community Medicine

Modul name	Course Module
Module level, if applicable	Medical Doctor Program
Code, if applicable	DOK 204
Subtitle, if applicable	
Course, if applicable	Module Description : Public Health and Community Medicine
Semester(s) in which The module is taught	Offered in 2 nd year
Person responsible for the module	Dr. dr. Rachmad Suhanda, M. Kes dr. Hafni Andayani, M. Kes
Lecturer	<ol style="list-style-type: none"> 1. Dr. dr. Rachmad Suhanda, M.Kes 2. drg.Saifuddin Ishak, M. Kes, PKK, 3. Dr. dr. M. Yani, M.Kes, PKK 4. dr. Liza Salawati, M.Kes, FISPH, FISCM, Sp.KKLP 5. dr. Tilaili Ibrahim, M.Kes.PKK, Sp.KKLP 6. dr. Nurjannah, MPH, Ph.D 7. Dr. dr. Nasyaruddin Herry Taufik, Sp.RM 8. Dr. H. Said Usman, M.Kes, 9. Dr. Irwan Saputra, S.Kep 10.dr. Teuku Renaldi, M.K.M 11.dr. Hafni Andayani, M.Kes, 12.dr. Cut Mustika, M.Si 13.dr. Mutia Diana, M.Kes 14.dr. Zanisa, MARS
Language	Indonesian Language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the second year of the clinical phase and must be passed by students to graduate as medical doctor
Relation to curriculum	This course is a compulsory course in the second year of the clinical phase and must be passed by students to

	graduate as medical doctor
Type of teaching, contact hours	The teaching methods used in this course are: - Lecture : 7 hours (0.6 ECTS) - Practical session / field activities : 60 hours (2 ECTS) - Discussion : 20 hours (0.7 ECTS) - Presentation of Health Strategic Planning / Bussiness - Plan : 20 hours (0,7 ECTS)
Workload	Total hours 107 hours, 4 ECTS in 4 weeks
Credit points	2 credit point (4 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all assignments that are scheduled before the final tests.
Recommeded preequisites	Students are graduated with bachelor degree and registered as a student of the Medical Profession Study Program, Faculty of Medicine, Syiah Kuala University
Module objectives/ course learning outcomes	CLO 1: Able to manage medical and health problem intervention programs at the individual, family and community levels in a comprehensive and holistic manner through the ability to provide Medical Public Health services at the Basic Level (S5)
	CLO 2: Able to apply the principles of effective communication by applying ethics and professionalism (C3)
	CLO 4: Able to analyze and interpret a case in the field Public Health and Community Medicine by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refractions/research (C4,C6)
	CLO 3: Able to plan patient follow-up from a promotive and rehabilitative perspective in the field of Public Health and Community Medicine (C5)

Content	<ol style="list-style-type: none"> 1. Identify community health problems. 2. Community diagnosis and alternative problem solving) 3. Management of health data information. 4. Biopsychosocial factors in individuals and families 5. Six basic Puskesmas programs 6. Evidence-based family case studies (Evidence-based Medicine) 7. Make family diagnosis and management of individual problem solving with family orientation. 8. Effective communication with patients, families and other health workers.
Form of assessment	<p>MCQ</p> <p>Case presentation</p> <p>Referat presentation</p> <p>Final exam</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference
Media employed	Video and Powerpoint Presentations
Reading list	<ol style="list-style-type: none"> 1. Ilmu Perilaku Kesehatan. Notoatmodjo, S. 2015. 2. Perencanaan dan Evaluasi. Stefanus Supriyanto, Nyoman Anita Damayanti, 2007 3. Metode SEM Untuk Penelitian Manajemen dengan

	<p>AMOS LISREL PLS. Prof. Dr. H. Siswoyo Haryono, MM, MPd, 2017.</p> <ol style="list-style-type: none"> 4. Principles of Risk Management and Insurance. George. E. Rejda, Michael. J. McNamara, 2014. 5. Essential of Management an International Perspective. Harold Koontz, Heinz Weihrich, 2010. 6. Pengantar Metodologi Penelitian Bidang Kesehatan. Purnomo. W, 2018. 7. Organization Theory and Design. Richard L. Daft, 2016. 8. Higiene Perusahaan dan Kesehatan Kerja. Suma'mur P.K, M.Sc, 2009. 9. Kesehatan Masyarakat. James F. McKenzie, 2007. 10. Epidemiologi. Thomas C. Timmreck, PhD, 2005. 11. Dasar - dasar Metodologi Penelitian Klinis. Prof. DR. Dr. Sudigdo Sastroasmoro, SpA(K), 2011. 12. Manajemen Penyakit Berbasis Wilayah. Prof. Dr. Umar Fahmi Achmadi, MPH, PhD, 2008. 13. Pengantar Kesehatan Lingkungan. Dr. Budiman Chandra, 2007. 14. Promosi Kesehatan di Puskesmas dan Rumah Sakit. Dr. Bambang Hartono, SKM, M. Sc., MM, 2010. 15. OHSAS 18001. Occupational Health and Safety Management Systems, 2013. 16. Kesehatan Kerja. Harrington, 2003. 17. Handbook on Hyperbaric Medicine. Mathieu D, 2006. 18. Pedoman Praktis Manajemen Risiko Dalam Perspektif K3. Ramli S, 2010. 19. Perencanaan Program Promosi Kesehatan. Heni trisnowati, SKM, MPH, 2018. 20. Kesehatan Masyarakat. Prof. Dr. Soekidjo Notoatmodjo, 2011. 21. Promosi Kesehatan dan Perilaku Kesehatan. Prof.
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	<p>Dr. Soekidjo Notoatmodjo, 2012.</p> <p>22. Statistik Untuk Kedokteran dan Kesehatan. M. Sopiyudin Dahlan, 2012.</p>
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Course Module

Module Description: Family Medicine

Module name	Course Module
Module level, if applicable	Medical Doctor Program: Family Medicine
Code, if applicable	DOK 206
Subtitle, , if applicable	-
Course	Module Description: Family Medicine
Semester(s) in which the module is taught	Offered in 2 nd year, 4 th semester
Person responsible for the module	dr. Syahrizal, M.Si.,Sp.KKLP
Lecturer	dr. Syahrizal, M.Si.,Sp.KKLP dr. Zahratul Aini, M. Biomed., Sp.KKLP dr. Hendra Kurniawan, M.Sc., Sp.P dr. Tita Menawati Liansyah, M.Kes., Sp.A Dr. Rina Suryani Oktari, S.Kep., M.Si Dr. dr. M. Yani, M.Kes, PKK dr. Amanda Yufika, M.Sc dr. Cut Rizka Rahmi, M.Sc dr. Husnah, MPH., FISPH., FISCM., Sp.KKLP dr. Liza Salawati, M.Kes., FISPH., FISCM., Sp.KKLP dr. Tilaili Ibrahim, M.Kes.PKK., Sp.KKLP dr. Sakdiah, M.Sc., Sp.KKLP dr. Nurjannah, MPH., Ph.D, Sp.KKLP dr. Zulfa Zahra, Sp.KJ dr. Winda Yulia, M.Biomed dr. Ika Waraztuty, M. Biomed dr. Iflan Nauval, M.ScIH, Sp.GK (K), Sp.KKLP, AIFO-K dr. Ichsan, M.Sc., Sp.KKLP
Language	Indonesian language (Bahasa Indonesia)

Relation to curriculum	This course is a compulsory course in the second year of the clinical phase and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	Learning Methods in this subject are: <ul style="list-style-type: none"> - Orientation Phase: Pretest, Introduction to Health Services and Primary Health Services, Discussion: 17 hours (0.8 ECTS) - Exposure Phase: Health Promotion in PHC, Home Visit, Health Exercise with community: 60 hours (2 ECTS) - Feedback Phase: Presentation: 15 hours (0.6 ECTS) - Case Report and Family Folder: 15 hours (0.6 ECTS)
Workload	During this course, student will study for 4 weeks, with a total of 107 hours (4 ECTS)
Credit points	2 credit point (4 ECTS)
Requirements according to the examination	Students must have attended all classes and submitted all assignment that are scheduled before the final tests.
Recommended prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Universitas Syiah Kuala
Module objectives/ course learning outcomes	CLO 1: Able to identify, prepare management proposals and manage biomedical family health problems holistically and comprehensively (S5)
	CLO 2: Able to analyze and interpret a case in the field Family Medicine by paying attention to the application of humanities values based on scientific principles, procedures and ethics so as to produce solutions, ideas, study results in the form of case reports/refrations/research (C4,C6)
	CLO 3: Able to apply the principles and rules of Family Medicine related to entrepreneurship (<i>sociomedicoprenuer</i>) (C3)
Content	1. Introduction to Health Services and Primary Health Services

	<ol style="list-style-type: none"> 2. Principles of Family Medicine Service 3. Family Folder 4. Family Oriented Service 5. Preventive Service 6. Doctor-Patient Communication in Primary Health Care 7. Coordinated Service 8. The Five Star Doctor 9. The Role of Family Doctors in Disaster Management 10. 'Indonesia Sehat' Program with Family Approach 11. Immunization 12. Family Medicine Practice in Rural and Urban Area 13. Travel Medicine 14. The Role of Family Doctors during the Pandemic 15. Nutritional Aspects in Family Medicine Services 16. Family Doctor is Counselor 17. Palliative Medicine 18. Community Oriented Service 19. Bioethics in Family Medicine Practice 20. Home Visit 21. Health Promotion 22. Health Exercise with the community 23. Cases discussion with Supervisor at Primary Health Care
Form of assessment	<ol style="list-style-type: none"> 1. Pretest CBT (10%) 2. Case presentation (25%) 3. Family Folder (30%) 4. Plenary Session (10%) 5. Final CBT (25%)
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline

	<p>- Students must attend the exam to get final grade</p> <p>Form of assessment:</p> <ul style="list-style-type: none"> - Logbook - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, - Family Folder - CBT
Media employed	Text book, Teaching Video and Power Point Presentations
Reading list	<ol style="list-style-type: none"> 1. Bagian Field Lab Fakultas Kedokteran Universitas Sebelas Maret. 2013. Modul Field Lab: Home Visit. KK 05. Surakarta: Fakultas Kedokteran UNS. 2. Danasari. Standar Kompetensi Dokter Keluarga. PDKI. Jakarta. 2008. 3. Lubis, Firman. Dokter Keluarga Sebagai Tulang Punggung dalam Sistem Pelayanan Kesehatan. Departemen Ilmu Kedokteran Komunitas. Maj Kedokteran Indonesia, Volume: 58, Nomor: 2, Pebruari 2008 4. McWhinney, I.R., Freeman T. Home Care in Textbook of Family Medicine. 3rd Edition. 2009. New York: Oxford University Press. 5. Medical Education Unit Fakultas Kedokteran Universitas Indonesia. 2015. Skema Pengelolaan Kasus Klinis secara Holistik, Komprehensif, dan Paripurna dalam Modul Praktik Klinik Program Pendidikan Dokter. Jakarta: Fakultas Kedokteran UniversitasIndonesia. 6. Supriyanto, S., & Damayanti, N. A. (2007) Perencanaan dan Evaluasi. Surabaya: Airlangga University Press. 7. Wijaya, C. & Rifa'I, M. (2016) Dasar-Dasar Manajemen: Mengoptimalkan Pengelolaan Organisasi

	<p>Secara Efektif dan Efisien. Medan: Perdana Publishing.</p> <p>8. Wonodirekso, Sugito. Sistem Pelayanan Dokter Keluarga Meningkatkan Kadar Kesejawatan dan Profesionalisme. Perhimpunan Dokter Keluarga Indonesia. Majalah Kedokteran Indonesia, Volume: 59, Nomor: 1, Januari 2009.</p>
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Course Module

Module Description: Comprehensive and Clinical Skill

Module name	Course Module
Module level, if applicable	Medical Doctor Program: Comprehensive and Clinical Skill
Code, if applicable	DOK 208
Subtitle, , if applicable	-
Course	Module Description: Comprehensive and Clinical Skill
Semester(s) in which the module is taught	Offered in 2 nd year
Person responsible for the Module	<ol style="list-style-type: none"> 1. dr. Meilya Silvalila, Sp.EM 2. dr. Hafifah Rahma, Sp.EM 3. dr. Muhammad Ansari Adista, M.Pd.Ked., Sp.S 4. dr. Ariza Farizca, M.K.M
Lecturer	<ol style="list-style-type: none"> 1. dr. Meilya Silvalila, Sp.EM 2. dr. Hafifah Rahma, Sp.EM 3. dr. Muhammad Ansari Adista, M.Pd.Ked., Sp.S 4. dr. Ariza Farizca, M.K.M
Language	Indonesian language (Bahasa Indonesia)
Relation to curriculum	This course is a compulsory course in the second year of the clinical phase and must be passed by students to graduate as medical doctor
Type of teaching, contact hours	<p>Learning Methods in this subject are:</p> <ul style="list-style-type: none"> - Theory; lectures, bed side teaching, discussion, case presentation (23 hours) - Practice, role play, simulation (190 hours) - The duration of this course is 8 weeks; 4 weeks in the Emergency Department and the other 4 weeks in Faculty of Medicine for intensive National Exam preparation tutorial. - The number of participants for this course varies in each cycle according to the rotation of students who

	program the comprehensive and clinical skill
Workload	During this course, student will study for 8 weeks, with a total of 213 hours (7 ECTS)
Credit points	4 credit point (7 ECTS)
Requirements according to the examination	Students must have attended all classes and submitted all assignment that are scheduled before the final tests.
Recommended Prerequisites	Students are graduated with bachelor degree and registered as a student of the Medical Doctor Program, Faculty of Medicine, Universitas Syiah Kuala
Module objectives/ course learning outcomes	CLO 1: Able to be a doctor who can identify problems/cases, check according to existing facilities, diagnose, plan management and provide comprehensive referrals both in the ER, Polyclinic and Ward according to the National Competency Standards for Indonesian Medical Professional Education (SNPPDI 2019) (S5)
	CLO 2: Able to analyze cases comprehensively, holistically, precisely and accurately on the National Competency Test for Doctor Professional Program (UKMPPD)
Content	<ol style="list-style-type: none"> 1. Basic knowledge of signs and symptoms of emergency cases (trauma and medical). 2. Hospital Triage and Field Triage 3. Initial assessment of trauma and medical patients 4. Airway management 5. Introduction of oxygen device and oxygen therapy 6. Fluid therapy

	<ol style="list-style-type: none"> 7. Basic Life Support 8. Vital Sign Monitoring 9. Student medical record filling 10. Systematic history taking of trauma and medical cases. 11. Perform general physical examination. 12. Establishing a working diagnosis and differential diagnosis of trauma and medical cases. 13. Designing appropriate supporting examinations, both radiological examinations and laboratory examinations 14. Carry out management according to the competency level of trauma and medical cases 15. Perform clinical procedures according to competency level (e.g. inserting IV catheter, inserting indwelling catheter, inserting nasogastric tube, apply nasopharyngeal tube, splinting and bandaging, basic life support) 16. Make timely referrals to cases of competency level 1,2, & 3 17. Cooperating with teams both intraprofessionally and interprofessionally. 18. Case Presentation
Form of assessment	<ol style="list-style-type: none"> 1. Pretest CBT (10%) 2. Case presentation/ scientific work (20%) 3. Final CBT (30%) 4. Attendance and Direct Observation (10%) 5. OSCE (30%)
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline

	<ul style="list-style-type: none"> - Students must attend the exam to get final grade <p>Form of assessment:</p> <ul style="list-style-type: none"> - Student Participation Assessment Rubric - Weekly evaluation of behavior, performance and attitude - Case presentation assessment sheet, journal and reference - OSCE form and CBT
Media employed	Text book, Teaching Video and Power point Presentations
Reading list	<ol style="list-style-type: none"> 1. American College of Surgeons. Committee on Trauma. 2018. <i>Advanced trauma life support: Student course manual</i> (Tenth edition.). Chicago, IL: American College of Surgeons. 2. Block, J. et.al. <i>The Atlas of Emergency Radiology</i>. Mc.GrawHill Companies. 3. Campbell, J. 2012. <i>International Trauma Life Support for Emergency Care Provider</i>. Pearson Education. 4. Knoop, KJ. et.al. 2010. <i>Atlas of Emergency Medicine</i>, 3rd Ed. Mc.GrawHill Companies. 5. Mistovich, JJ. Karen, KJ. 2010. <i>Prehospital Emergency Care</i>, 9th ed. Pearson Education. 6. O’Keefe, MF., Limmer, D. 2012. <i>Brady Emergency Care</i>. 12th ed. Pearson Education. 7. Ooi, S. et.al. 2022. <i>Guide to the Essentials in Emergency Medicine</i> 3rd ed. Mc.GrawHill Education. 8. Schwartz, DT. 2008. <i>Emergency Radiology Case Studies</i>. Mc.GrawHill Companies. 9. Wolfson, AB. 2015. <i>Harwood-nuss’ Clinical Practice of Emergency Medicine</i>, 6th ed. Wolters Kluwer .

