

**Module Description: Tropical and Communicable Diseases in Nursing  
(21R01130703)**

<b>Module designation</b>	Course Module
<b>Semester(s) in which the module is taught</b>	V
<b>Person responsible for the module</b>	Prof. Dr. Elly L. Sjattar, S.Kp., M.Kes (Coordinator) Dr. Yuliana Syam, S.Kep. Ns. M.Kes. Dr. Kadek Ayu Erika, S.Kep., Ns., M.Kes Dr. Suni Hariati, S.Kep. Ns. M.Kep. Abdul Majid, S.Kep. Ns. M.Kep., Sp.KMB Akbar Harisa, S.Kep. Ns., MN
<b>Language</b>	Bilingual, Bahasa Indonesia and English
<b>Relation to Curriculum</b>	This course is a compulsory course and offered in the 5 <sup>th</sup> semester.
<b>Teaching Methods</b>	Teaching methods used in this course are: <ul style="list-style-type: none"> <li>– Lecture (i.e., SGD, Problem Based Learning, Focus Group Discussion, TPS, TGT, NHT, case study, demonstration, and video-based learning)</li> <li>– Structured assignments (i.e., report and mind mapping)</li> <li>– Practice in Nursing Laboratory (i.e., Clinical Skill Lab)</li> </ul> <p>The class size for lecture is approximately 60 students, while for clinical skill lab is about 15 -20 students for each lecturer.</p>
<b>Workload</b> (incl. contact hours, self-study hours)	Contact hours for lecture is 26,67 hours, assignments are 32 hours, and practice are 45,33 hours. For this course, students are required to meet a minimum of 136 hours in one semester, which consist of: <ul style="list-style-type: none"> <li>- 26,67 hours (equals with 0.88 ECTS) for lecture,</li> <li>- 32 hours (equals with 1,06 ECTS) for structured assignments,</li> <li>- 32 hours (equals with 1,06 ECTS) for private study,</li> <li>- 45,33 hours (equals with 1,51 ECTS) for clinical skill laboratories</li> </ul> <p>Contact hours for practice are 160 hours. For this course, students are required to meet a minimum of 136 hours in one semester, which consist of: 160 hours (equals with 4.53 ECTS) for practice.</p>
<b>Credit points</b>	3 credit points (equivalent with 4.53 ECTS)
<b>Required and recommended prerequisites for joining the module</b>	Students must have taken following courses: <ol style="list-style-type: none"> <li>1. Basic Biomedical Science</li> <li>2. Basic Nursing Science 1 &amp; 2</li> <li>3. Medical Surgical Nursing 1 &amp; 2</li> <li>4. Pediatric Nursing 1</li> </ol>
<b>Module objectives/intended learning outcomes</b>	After completing the course and given with a maternity nursing case, students will be: <p><b>Knowledge</b></p>

	<p>CLO 1. Understanding the concepts of epidemiology and programs for handling tropical and infectious diseases. <b>(K)</b></p> <p><b>Competence</b></p> <p>CLO 2. Analyzing the treatment process and presenting nursing care for patients with tropical diseases in hospital and community settings. <b>(C1)</b></p> <p>CLO 3. Integrating research findings into nursing care for tropical and infectious diseases.<b>(C4)</b>.</p> <p>CLO 4. Applying critical thinking skills in providing nursing care and health education for clients with tropical and infectious diseases.<b>(C5)</b>.</p>
<b>Content</b>	<p>Students will learn about:</p> <ul style="list-style-type: none"> <li>● Introduction to Tropical Disease Epidemiology in Indonesia</li> <li>● Tropical Disease Eradication Program in Indonesia</li> <li>● Trends and Issues in Nursing Care for Tropical Diseases and Infectious Diseases (Evidence-Based Practice)</li> <li>● Pandemics and COVID-19</li> <li>● Nursing Care for Gonorrhea and Syphilis</li> <li>● Nursing Care for Avian Influenza and Tuberculosis</li> <li>● Nursing Care for Malaria and Dengue Hemorrhagic Fever (DHF)</li> <li>● Nursing Care for Hansen's Disease (Leprosy) and Varicella (Chickenpox)</li> <li>● Nursing Care for Mumps and Rubella (German Measles)</li> <li>● Nursing Care for Hepatitis and Typhoid Fever</li> <li>● Nursing Care for Measles and Tetanus</li> <li>● Nursing Care for Intestinal Helminths and Filariasis</li> <li>● Nursing Care for Leptospirosis and Scabies</li> <li>● Nursing Care for Herpes and Tonsillitis</li> <li>● Nursing Care for Diphtheria and Pertussis (Whooping Cough)</li> <li>● Tropical Diseases and Parasites in Intensive Care Environments</li> <li>● Integrating Research Findings into Nursing Care for Tropical and Infectious Diseases.</li> </ul>
<b>Examination forms</b>	<p>Written exam: Multiple Choice Questions using Vignettes</p> <p>Oral examination</p> <p>Group presentation</p> <p>Case report</p> <p>Reflective study</p> <p>Skill examination: Objective Structured Clinical Examination (OSCE)</p>
<b>Study and examination requirements</b>	<ol style="list-style-type: none"> <li>1. Students must attend 15 minutes before the class starts.</li> <li>2. Students must inform the lecturer if they will not attend the class due to sickness, etc.</li> <li>3. Students must submit all class assignments before the deadline.</li> <li>4. Students must attend all classes of clinical skill laboratories.</li> <li>5. Students must attend the exam to get final grade.</li> <li>6. Students must get final mark minimum of 40</li> </ol>
<b>Reading list</b>	<ol style="list-style-type: none"> <li>1. _____(2012). Hunter's Tropical Medicine and Emerging Infectious Disease. Elsevier Saunders.</li> <li>2. Bluechek, Gloria M, dkk. 2013. <i>Nursing Intervention Classification Edisi Bahasa Indonesia</i>. Elsevier.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Cascella M, Rajnik M, Cuomo A, Dulebohn SC, Di Napoli R. (2020). Features, Evaluation and Treatment Virus corona (COVID-19). StatPearls.</li> <li>4. Cennimo DJ. (2020). Virus corona Disease 2019 (COVID-19). Medscape. <a href="https://emedicine.medscape.com/article/2500114-ove">https://emedicine.medscape.com/article/2500114-ove</a>.</li> <li>5. Cook, G.C, &amp; Zumla, A. (2008). Manson's Tropical Diseases: Expert Consult Basic, 22nd Edition. Elsevier Saunders (Online) <a href="https://books.google.co.id/books?id=CF2INI0O6l0C&amp;printsec=frontcover&amp;dq=tropical+disease&amp;hl=id&amp;sa=X&amp;ei=aR_HVKXbD4H-8QWztoI4&amp;redir_esc=y#v=onepage&amp;q=tropical%20disease&amp;f=false">https://books.google.co.id/books?id=CF2INI0O6l0C&amp;printsec=frontcover&amp;dq=tropical+disease&amp;hl=id&amp;sa=X&amp;ei=aR_HVKXbD4H-8QWztoI4&amp;redir_esc=y#v=onepage&amp;q=tropical%20disease&amp;f=false</a></li> <li>6. Farrar, J (2014). Manson's Tropical Diseases, 23 ed. Elsevier Saunders.</li> <li>7. Guerrant, R.L, Walker, D.H, Weller, P.F. (2011). Tropical Infectious Disease 3ed. Elsevier Saunders.</li> <li>8. Herdman T.H, Kamitsuru (2018). NANDA International, Inc. Nursing Diagnoses Definitions and Classification 2018-2020 11 ed. Thieme Publishers New York.</li> <li>9. Hinkle J.L and Cheever K.H (2018). Brunner &amp; Suddarth's Textbook of Medical-Surgical Nursing 14th edition. Wolters Kluwer</li> <li>10. Hopper P.D, Williams, L.S (2015). STUDENT WORKBOOK FOR UNDERSTANDING Medical Surgical Nursing 5 ed. F.A. Davis Company. Philadelphia</li> <li>11. McIntosh K, Hirsch M, Bloom A. (2020). Virus corona disease 2019 (COVID-19). UpToDate. <a href="https://www.uptodate.com/contents/virus-corona-dise">https://www.uptodate.com/contents/virus-corona-dise</a>.</li> <li>12. Meunier, Y.A, (2014). Tropical Disease: A Practical Guide for Medical Practitioners and Students. Oxford University Press.</li> <li>13. Morhead, Sue dkk. 2013. <i>Nursing Outcomes Classification Edisi Bahasa Indonesia</i>. Elsevier.Singapore. <a href="https://t.me/MBS_MedicalBooksStore">https://t.me/MBS_MedicalBooksStore</a>.</li> <li>14. Smaltzer S.C, Bare B.G, Hinkle J.L and Cheever K.H (2008). Brunner &amp; Suddarth's Textbook of Medical-Surgical Nursing 10th edition</li> <li>15. Smaltzer S.C, Bare B.G, Hinkle J.L and Cheever K.H (2010). Brunner &amp; Suddarth's Textbook of Medical-Surgical Nursing 12th edition Vol.1. Lippincot Williams &amp; Wilkins.</li> <li>16. Widoyono. (2011). <i>Penyakit Tropis: Epidemiologi, Penularan, Pencegahan &amp; Pemberantasannya</i>. Jakarta, Indonesia; Penerbit Erlangga.</li> <li>17. Porwo, S.S.S. (2002). <i>Buku ajar ilmu kesehatan : Infeksi &amp; penyakit tropis</i>. Jakarta, Indonesia; Bagian Ilmu Kesehatan Anak UI.</li> <li>18. Sjattar, E.L, Majid, A., Arafah, R., Syam, Y. Gaffar, I. (2021). Perawatan Mandiri Pasien Covid-19 di Rumah. Fakultas Keperawatan Unhas, Makassar, Indonesia</li> <li>19. Sjattar, E.L, Majid, A., Syam, Y. Gaffar, I. (2022). Vaksin dan Kejadian Ikutan Pasca Imunisasi Covid-19. Fakultas Keperawatan Unhas, Makassar, Indonesia</li> </ol>
<b>Cluster of Competence</b>	Nursing Clinical Sciences and Skills

<b>Form of Assessments</b>	<ul style="list-style-type: none"><li>- Class/group discussion participation/presentation (20%)</li><li>- Class attendance (10%)</li><li>- Assignment: Case study report (10%), Team-based project report 2 (10%).</li><li>- Written exam: 30%</li><li>- Quiz (5%)</li><li>- OSCE (15%)</li></ul>
<b>Date of last amendment made</b>	July 2021

### Course Learning Outcome Assessment of Learning Outcomes for Course Modules

**Course Module Name** : **Tropical and Communicable Diseases in Nursing**  
**Code** : **21R01130703**  
**Semester** : **V**  
**Person responsible for the module** : Prof. Dr. Elly L. Sjattar, S.Kp., M.Kes (Coordinator)  
**Lecturers** : 1. Dr. Yuliana Syam, S.Kep. Ns. M.Kes.  
 2. Dr. Kadek Ayu Erika, S.Kep., Ns., M.Kes.  
 3. Dr. Suni Hariati, S.Kep. Ns. M.Kep.  
 4. Abdul Majid, S.Kep. Ns. M.Kep., Sp.KMB  
 5. Akbar Harisa, S.Kep. Ns., MN

Intended Learning Outcomes	Course Module Objectives	List of Assessments	List of Rubrics
<p><b>Knowledge (K):</b> Nursing graduates master nursing science and also information system and technology to provide patients with nursing care based on scientific nursing process and approaches</p>	<p><b>CLO1:</b> Understanding the concepts of epidemiology and programs for handling tropical and infectious diseases. <b>(K)</b></p>	<ul style="list-style-type: none"> <li>- The students are asked to write a paper about evidence-based intervention programs and trending issues related to tropical diseases and communicable diseases in Indonesia and present it using the STAD (Student Teams Achievement Divisions) method</li> <li><b>Written exam:</b> Multiple Choice Questions using Vignettes.</li> <li>- Mode of delivery: Online through Learning Management System (LMS) &amp; paper-based exam.</li> <li>- Total number of questions: 100.</li> <li>- Each question must be completed within 1 minute.</li> <li>- Duration of exam: 100 minutes.</li> </ul>	<p><b>Rubric for paper</b></p> <p><b>Rubric for Multiple Choice Questions</b></p> <ul style="list-style-type: none"> <li>- Scored 1, if the answer is correct.</li> <li>- Scored 0, if the answer is wrong.</li> <li>- Final grade= Total corrected items divided by total items multiply 100.</li> </ul>

Intended Learning Outcomes	Course Module Objectives	List of Assessments	List of Rubrics
		<p><b>Individual and group presentation</b></p>	<p><b>Rubric for Presentation</b></p>
<p><b>Competence (C)</b>  <b>C1.</b> Graduates are able to provide comprehensive and continuous nursing care that ensures research-based patient safety in accordance to nursing care standards in all areas of nursing particularly of diseases that are common in Indonesia as a tropical and maritime country.  <b>C4.</b> Graduates are able to improve the quality of nursing and health services by implementing research skills and integrating nursing theories into practices.  <b>C5.</b> Graduates are able to improve professional expertise in nursing field through long life learning.</p>	<p><b>Competence</b>  <b>CLO 2.</b> Analyzing the treatment process and presenting nursing care for patients with tropical diseases in hospital and community settings.  <b>(C1)</b></p>	<p><b>Assignment:</b></p> <ul style="list-style-type: none"> <li>- Case study report : Students are asked to compile a nursing care report according to the case obtained, using applicable nursing care standards.</li> <li>- Mind mapping: Students are asked to review anatomy and physiology learning materials related to Tropical and Communicable Diseases in Nursing and then summarize it in the form of a mind map.</li> <li>- Students create posters about health education related to tropical and infectious diseases. The posters are presented in front of the class and then revised based on feedback from the faculty team.</li> </ul> <p><b>Individual and group presentation</b></p> <p><b>Clinical Skill Lab Mastery:</b>  Proficiency in performing skin tests, sputum examination, physical examination of patients for Mumps and Hepatitis, physical examination of Covid &amp; Typhoid patients. Physical</p>	<p><b>Rubric for case study report</b></p> <p><b>Rubric for mind mapping</b></p> <p><b>Rubric for poster assessment</b></p> <p><b>Rubric for Presentation</b></p> <p><b>Rubric for Clinical Skill Lab Observation</b></p>

Intended Learning Outcomes	Course Module Objectives	List of Assessments	List of Rubrics
		examination of patients for DHF, Malaria, and Measles, physical examination of patients for Gonorrhoea, Syphilis, and Herpes, physical examination for Diphtheria, Tonsillitis, and Pertussis. Objective Structured Clinical Examination (OSCE)	
	<b>CLO 3.</b> Integrating research findings into nursing care for tropical and infectious diseases.(C4).	<b>Assignment:</b> Students are asked to compose a paper on trends and issues, as well as evidence-based nursing practices and Integrating research findings into the nursing care of tropical and infectious diseases. <b>group presentation</b>	<b>Rubric for paper</b>  <b>Rubric for group presentation</b>
	<b>CLO 4.</b> Applying critical thinking skills in providing nursing care and health education for clients with tropical and infectious diseases.(C5).		

**Proportion of assessment aspects according to the course learning outcomes.**

No	Code	CLO	Sub CLO	Learning Method	Metode Evaluasi						Proporsi
					Participatory Analysis	Project result	Assignment	Quis	Mid-test	Final Test	
1	K	CLO 1	Sub CLO 1	Lectures, discussions, case method	Multisource feedback 2.5%			Quis 5%		Final test: MCQ 5%	12,5%
			Sub CLO 2	Case method, SGD, group presentation	Multisource feedback 7.5%					Assignment 1: Team-based project: creating a complete nursing care report 20%	
2	C1	CLO 2	Sub CLO 3			Team-based project: creating nursing care report from cases	Multisource feedback 2.5%	Assignment 2: Team-based project 5%			
3			C4	CLO 3	Sub CLO 4					SGD, group presentation	
			Sub CLO 5	SGD, group presentation	Multisource feedback 2.5%	Assignment 3: Team-based project: creating a complete nursing care report 5%			Final test: MCQ 5%		
3	C4	CLO 3	Sub CLO 6							SGD, group presentation	Multisource feedback 2.5%
4	C5	CLO 4	Sub CLO 7	SGD, group presentation	Multisource feedback 2.5%	Assignment 3: Team-based project: creating a complete nursing care report 5%				Final test: MCQ 5%	12,5%
<b>TOTAL</b>					<b>15%</b>	<b>30%</b>	<b>5%</b>	<b>5%</b>		<b>45%</b>	<b>100%</b>



### Example of Written Test Exam

1. A 30-year-old male comes to the Community Health Center with complaints of rashes in several areas of his body, especially on his back, hands, and feet. Patient assessment results indicate that he lives in a cold area, and a week ago, he experienced nosebleeds. What is the appropriate primary intervention for this patient?
  - A. Monitor respiratory status and oxygenation
  - B. Provide relaxation techniques to reduce pain
  - C. Collaborate with the medical team for analgesic administration
  - D. Monitor the patient's body temperature
  - E. Assist the patient in movement
2. An 8-year-old boy comes to the Community Health Center with complaints of his whole body covered in red spots. He has had intermittent fever for the past 4 days, body aches, and the areas with spots are itchy. The child continues to cry due to discomfort all over his body, sometimes due to pain and sometimes due to itching. The appropriate intervention for this patient is:
  - A. Provide plenty of oral fluids (hydration)
  - B. Provide relaxation techniques
  - C. Perform skin care
  - D. Perform oral hygiene
  - E. Create a comfortable environment
3. A male patient visits the Community Health Center for a doctor's consultation. He has a history of fever and body aches three months ago and was unable to move. His current complaint is difficulty in moving, especially in the knee to ankle area. Seven days ago, the patient was prescribed Albendazole 400 mg by a doctor. The appropriate intervention for this patient is:
  - A. Conduct comprehensive pain assessment
  - B. Assist the client and family in identifying weaknesses in specific activity levels
  - C. Provide relaxation techniques
  - D. Administer antipyretic medication
  - E. Monitor vital signs
4. What is the priority nursing problem for this client?
  - A. Hyperthermia
  - B. Deficient knowledge
  - C. Acute pain
  - D. Activity intolerance
  - E. Fatigue
5. A 16-year-old girl comes to the Community Health Center with complaints of rashes all over her body, caused by scratching, resulting in lesions and even pain in the area of the wounds. Further assessment of the child does not reveal any complaints of fever, headaches, or weakness. The primary nursing problem for this teenage girl is:
  - A. Disturbed sleep pattern
  - B. Acute pain
  - C. Impaired skin integrity
  - D. Disturbed body image
  - E. Risk of infection

