

## DAFTAR PUSTAKA

- Abbasi-Oshaghi, Ebrahim, Fatemeh Mirzaei, Farhad Farahani, Iraj Khodadadi, and Heidar Tayebinia. 2020. "Diagnosis and Treatment of Coronavirus Disease 2019 (COVID-19): Laboratory, PCR, and Chest CT Imaging Findings." *International Journal of Surgery (London, England)* 79 (July): 143–53. <https://doi.org/10.1016/j.ijsu.2020.05.018>.
- Abdalla, W, M Elgendi, AA Abdelaziz, and MA Ammar. 2016. "Lung Ultrasound versus Chest Radiography for the Diagnosis of Pneumothorax in Critically Ill Patients: A Prospective, Single-Blind Study." *Saudi Journal of Anaesthesia* 10 (3): 265–69. <https://doi.org/10.4103/1658-354X.174906>.
- Ali, Imran, and Omar M.L. Alharbi. 2020. "COVID-19: Disease, Management, Treatment, and Social Impact." *The Science of the Total Environment* 728 (August): 138861. <https://doi.org/10.1016/j.scitotenv.2020.138861>.
- Al-Smadi, Anas S., Akash Bhatnagar, Rehan Ali, Nicholas Lewis, and Samuel Johnson. 2021. "Correlation of Chest Radiography Findings with the Severity and Progression of COVID-19 Pneumonia." *Clinical Imaging* 71 (March): 17–23. <https://doi.org/10.1016/j.clinimag.2020.11.004>.
- Amin, Hina, and Waqas J. Siddiqui. 2020. "Cardiomegaly." In *StatPearls*. Treasure Island (FL): StatPearls Publishing. <http://www.ncbi.nlm.nih.gov/books/NBK542296/>.
- Aygun, Hatice. 2020. "Vitamin D Can Prevent COVID-19 Infection-Induced Multiple Organ Damage." *Naunyn-Schmiedeberg's Archives of Pharmacology*, May, 1–4. <https://doi.org/10.1007/s00210-020-01911-4>.
- Bhat, Roopa, Aws Hamid, Jeffrey R. Kunin, Sachin S. Saboo, Kiran Batra, Dhiraj Baruah, and Ambarish P. Bhat. 2020. "Chest Imaging in Patients Hospitalized With COVID-19 Infection - A Case Series." *Current Problems in Diagnostic Radiology* 49 (4): 294–301. <https://doi.org/10.1067/j.cpradiol.2020.04.001>.
- Borghesi, Andrea, and Roberto Maroldi. 2020. "COVID-19 Outbreak in Italy: Experimental Chest X-Ray Scoring System for Quantifying and Monitoring Disease Progression." *La Radiologia Medica*, May, 1–5. <https://doi.org/10.1007/s11547-020-01200-3>.
- Brakohiapa, Edmund Kwadwo Kwakye, Benard Ohene Botwe, Benjamin Dabo Sarkodie, Eric Kwesi Ofori, and Jerry Coleman. 2017. "Radiographic Determination of Cardiomegaly Using Cardiothoracic Ratio and Transverse Cardiac Diameter: Can One Size Fit All? Part One." *The Pan African Medical Journal* 27 (July). <https://doi.org/10.11604/pamj.2017.27.201.12017>.

- Burhan, Erlina, Heidy Agustin, Agus Dwi Susanto, Ibrahim Nur Insan Putra Dharmawan, Markus Meyer, and Rita Rogayah. 2020. “Discordance Between Clinical Status and Chest X-Ray (CXR) in COVID-19 Patient with Asymptomatic Transmission in Jakarta.” *Acta Medica Indonesiana* 52 (3): 297.
- Cascella, Marco, Michael Rajnik, Abdul Aleem, Scott C. Dulebohn, and Raffaela Di Napoli. 2021. “Features, Evaluation, and Treatment of Coronavirus (COVID-19).” In *StatPearls*. Treasure Island (FL): StatPearls Publishing. <http://www.ncbi.nlm.nih.gov/books/NBK554776/>.
- Chen, Tao, Di Wu, Huilong Chen, Weiming Yan, Danlei Yang, Guang Chen, Ke Ma, et al. 2020. “Clinical Characteristics of 113 Deceased Patients with Coronavirus Disease 2019: Retrospective Study.” *BMJ*, March, m1091. <https://doi.org/10.1136/bmj.m1091>.
- Cheung, Ka Shing, Ivan F.N. Hung, Pierre P.Y. Chan, K.C. Lung, Eugene Tso, Raymond Liu, Y.Y. Ng, et al. 2020. “Gastrointestinal Manifestations of SARS-CoV-2 Infection and Virus Load in Fecal Samples From a Hong Kong Cohort: Systematic Review and Meta-Analysis.” *Gastroenterology* 159 (1): 81–95. <https://doi.org/10.1053/j.gastro.2020.03.065>.
- Consoli, Letizia, Vittorio Bendotti, Sara Cicchinelli, Federico Gaioni, Paola Prandolini, Monica Bettonagli, and Paolo Terragnoli. 2020. “2019 Novel Coronavirus (COVID-19) Pneumonia Complications: The Importance of Lung Ultrasound.” *Journal of Ultrasound*, June, 1–4. <https://doi.org/10.1007/s40477-020-00494-3>.
- Corbett, Kizzmekia S., Barbara Flynn, Kathryn E. Foulds, Joseph R. Francica, Seyhan Boyoglu-Barnum, Anne P. Werner, Britta Flach, et al. 2020. “Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates.” *The New England Journal of Medicine* 383 (16): 1544–55. <https://doi.org/10.1056/NEJMoa2024671>.
- Cozzi, Diletta, Marco Albanesi, Edoardo Cavigli, Chiara Moroni, Alessandra Bindi, Silvia Luvarà, Silvia Lucarini, Simone Busoni, Lorenzo Nicola Mazzoni, and Vittorio Miele. 2020a. “Chest X-Ray in New Coronavirus Disease 2019 (COVID-19) Infection: Findings and Correlation with Clinical Outcome.” *La Radiologia Medica*, June, 1–8. <https://doi.org/10.1007/s11547-020-01232-9>.
- . 2020b. “Chest X-Ray in New Coronavirus Disease 2019 (COVID-19) Infection: Findings and Correlation with Clinical Outcome.” *La Radiologia Medica* 125 (8): 730–37. <https://doi.org/10.1007/s11547-020-01232-9>.

- Dhar Chowdhury, Sudipta, and Anu Mary Oommen. 2020. “Epidemiology of COVID-19.” *Journal of Digestive Endoscopy* 11 (1): 3–7. <https://doi.org/10.1055/s-0040-1712187>.
- Gao, Qiang, Linlin Bao, Haiyan Mao, Lin Wang, Kangwei Xu, Minnan Yang, Yajing Li, et al. 2020. “Development of an Inactivated Vaccine Candidate for SARS-CoV-2.” *Science (New York, N.Y.)* 369 (6499): 77–81. <https://doi.org/10.1126/science.abc1932>.
- Ge, Huipeng, Xiufen Wang, Xiangning Yuan, Gong Xiao, Chengzhi Wang, Tianci Deng, Qiongjing Yuan, and Xiangcheng Xiao. 2020. “The Epidemiology and Clinical Information about COVID-19.” *European Journal of Clinical Microbiology & Infectious Diseases*, April, 1–9. <https://doi.org/10.1007/s10096-020-03874-z>.
- Guan, Wei-jie, Zheng-yi Ni, Yu Hu, Wen-hua Liang, Chun-quan Ou, Jian-xing He, Lei Liu, et al. 2020. “Clinical Characteristics of Coronavirus Disease 2019 in China.” *New England Journal of Medicine*, February. <https://doi.org/10.1056/NEJMoa2002032>.
- Hamid, Saima, Mohammad Yaseen Mir, and Gulab Khan Rohela. 2020. “Novel Coronavirus Disease (COVID-19): A Pandemic (Epidemiology, Pathogenesis and Potential Therapeutics).” *New Microbes and New Infections* 35 (May): 100679. [https://doi.org/10.1016/j\\_nmni.2020.100679](https://doi.org/10.1016/j_nmni.2020.100679).
- He, Shengyang, Wenlong Liu, Mingyan Jiang, Peng Huang, Zhi Xiang, Dingding Deng, Ping Chen, and Lihua Xie. 2021. “Clinical Characteristics of COVID-19 Patients with Clinically Diagnosed Bacterial Co-Infection: A Multi-Center Study.” *PLoS ONE* 16 (4): e0249668. <https://doi.org/10.1371/journal.pone.0249668>.
- Holm, Michelle R., and Gregory A. Poland. 2021. “Critical Aspects of Packaging, Storage, Preparation, and Administration of mRNA and Adenovirus-Vectored COVID-19 Vaccines for Optimal Efficacy.” *Vaccine* 39 (3): 457–59. <https://doi.org/10.1016/j.vaccine.2020.12.017>.
- Ippolito, Davide, Cesare Maino, Anna Pecorelli, Pietro Allegranza, Cecilia Cangiotti, Carlo Capodaglio, Ilaria Mariani, et al. 2020. “Chest X-Ray Features of SARS-CoV-2 in the Emergency Department: A Multicenter Experience from Northern Italian Hospitals.” *Respiratory Medicine* 170: 106036. <https://doi.org/10.1016/j.rmed.2020.106036>.
- Jany, Berthold, and Tobias Welte. 2019. “Pleural Effusion in Adults—Etiology, Diagnosis, and Treatment.” *Deutsches Ärzteblatt International* 116 (21): 377–86. <https://doi.org/10.3238/arztebl.2019.0377>.
- Kashte, Shivaji, Arvind Gulbake, Saadiq F. El-Amin III, and Ashim Gupta. 2021. “COVID-19 Vaccines: Rapid Development, Implications, Challenges and

- Future Prospects.” *Human Cell* 34 (3): 711–33. <https://doi.org/10.1007/s13577-021-00512-4>.
- Kohli, Anirudh, Pradipta C Hande, and Shivam Chugh. 2021. “Role of Chest Radiography in the Management of COVID-19 Pneumonia: An Overview and Correlation with Pathophysiologic Changes.” *The Indian Journal of Radiology & Imaging* 31 (Suppl 1): S70–79. [https://doi.org/10.4103/ijri.IJRI\\_967\\_20](https://doi.org/10.4103/ijri.IJRI_967_20).
- Krishna, Rachana, and Mohan Rudrappa. 2020. “Pleural Effusion.” In *StatPearls*. Treasure Island (FL): StatPearls Publishing. <http://www.ncbi.nlm.nih.gov/books/NBK448189/>.
- Kumar, Saurabh, Vinit Sharma, and Kanu Priya. 2020. “Battle against COVID-19: Efficacy of Convalescent Plasma as an Emergency Therapy.” *The American Journal of Emergency Medicine*, June. <https://doi.org/10.1016/j.ajem.2020.05.101>.
- Li, Heng, Shang-Ming Liu, Xiao-Hua Yu, Shi-Lin Tang, and Chao-Ke Tang. 2020. “Coronavirus Disease 2019 (COVID-19): Current Status and Future Perspectives.” *International Journal of Antimicrobial Agents* 55 (5): 105951. <https://doi.org/10.1016/j.ijantimicag.2020.105951>.
- Li, Tao, Yalan Zhang, Cheng Gong, Jing Wang, Bao Liu, Li Shi, and Jun Duan. 2020. “Prevalence of Malnutrition and Analysis of Related Factors in Elderly Patients with COVID-19 in Wuhan, China.” *European Journal of Clinical Nutrition* 74 (6): 871–75. <https://doi.org/10.1038/s41430-020-0642-3>.
- Loverdos, Konstantinos, Andreas Fotiadis, Chrysoula Kontogianni, Marianthi Iliopoulou, and Mina Gaga. 2019. “Lung Nodules: A Comprehensive Review on Current Approach and Management.” *Annals of Thoracic Medicine* 14 (4): 226–38. [https://doi.org/10.4103/atm.ATM\\_110\\_19](https://doi.org/10.4103/atm.ATM_110_19).
- Nikhat, Sadia, and Mohammad Fazil. 2020. “Overview of Covid-19; Its Prevention and Management in the Light of Unani Medicine.” *The Science of the Total Environment* 728 (August): 138859. <https://doi.org/10.1016/j.scitotenv.2020.138859>.
- O’Connor, A R, and W E Morgan. 2005. “Radiological Review of Pneumothorax.” *BMJ : British Medical Journal* 330 (7506): 1493–97.
- Pan, Lei, Mi Mu, Pengcheng Yang, Yu Sun, Runsheng Wang, Junhong Yan, Pibao Li, et al. 2020. “Clinical Characteristics of COVID-19 Patients With Digestive Symptoms in Hubei, China: A Descriptive, Cross-Sectional, Multicenter Study.” *The American Journal of Gastroenterology* 115 (April): 10.14309/ajg.0000000000000620. <https://doi.org/10.14309/ajg.0000000000000620>.

- Printza, Athanasia, Mihalis Katotomichelakis, Konstantinos Valsamidis, Symeon Metallidis, Periklis Panagopoulos, Maria Panopoulou, Vasilis Petrakis, and Jannis Constantinidis. 2021. “Smell and Taste Loss Recovery Time in COVID-19 Patients and Disease Severity.” *Journal of Clinical Medicine* 10 (5): 966. <https://doi.org/10.3390/jcm10050966>.
- Pu, Jiantao, Bin Zheng, Joseph Ken Leader, Carl Fuhrman, Friedrich Knollmann, Amy Klym, and David Gur. 2009. “Pulmonary Lobe Segmentation in CT Examinations Using Implicit Surface Fitting.” *IEEE Transactions on Medical Imaging* 28 (12): 1986–96. <https://doi.org/10.1109/TMI.2009.2027117>.
- Ramatillah, Diana Laila, and Suri Isnaini. 2021. “Treatment Profiles and Clinical Outcomes of COVID-19 Patients at Private Hospital in Jakarta.” *PLOS ONE* 16 (4): e0250147. <https://doi.org/10.1371/journal.pone.0250147>.
- Rees, Eleanor M., Emily S. Nightingale, Yalda Jafari, Naomi R. Waterlow, Samuel Clifford, Carl A. B. Pearson, CMMID Working Group, Thibaut Jombart, Simon R. Procter, and Gwenan M. Knight. 2020. “COVID-19 Length of Hospital Stay: A Systematic Review and Data Synthesis.” *BMC Medicine* 18 (September): 270. <https://doi.org/10.1186/s12916-020-01726-3>.
- Rodriguez-Morales, Alfonso J., Jaime A. Cardona-Ospina, Estefanía Gutiérrez-Ocampo, Rhuvi Villamizar-Peña, Yeimer Holguin-Rivera, Juan Pablo Escalera-Antezana, Lucia Elena Alvarado-Arnez, et al. 2020. “Clinical, Laboratory and Imaging Features of COVID-19: A Systematic Review and Meta-Analysis.” *Travel Medicine and Infectious Disease* 34: 101623. <https://doi.org/10.1016/j.tmaid.2020.101623>.
- Rousan, Liqa A., Eyhab Elobeid, Musaab Karrar, and Yousef Khader. 2020. “Chest X-Ray Findings and Temporal Lung Changes in Patients with COVID-19 Pneumonia.” *BMC Pulmonary Medicine* 20 (September): 245. <https://doi.org/10.1186/s12890-020-01286-5>.
- Rozaliyani, Anna, Ary Indriana Savitri, Findra Setianingrum, Titania Nur Shelly, Vini Ratnasari, Romala Kuswindarti, Ngabila Salama, Dwi Oktavia, Widayastuti Widayastuti, and Diah Handayani. 2020. “Factors Associated with Death in COVID-19 Patients in Jakarta, Indonesia: An Epidemiological Study.” *Acta Medica Indonesiana* 52 (3): 246–54.
- Sahu, Amit Kumar, M. Sreepadmanabh, Mahendra Rai, and Ajit Chande. 2021. “SARS-CoV-2: Phylogenetic Origins, Pathogenesis, Modes of Transmission, and the Potential Role of Nanotechnology.” *VirusDisease* 32 (1): 1–12. <https://doi.org/10.1007/s13337-021-00653-y>.
- Salazar, Eric, Katherine K. Perez, Madiha Ashraf, Jian Chen, Brian Castillo, Paul A. Christensen, Taryn Eubank, et al. 2020. “Treatment of Coronavirus

- Disease 2019 (COVID-19) Patients with Convalescent Plasma.” *The American Journal of Pathology* 190 (8): 1680–90. <https://doi.org/10.1016/j.ajpath.2020.05.014>.
- Sánchez-Oro, Raquel, Julio Torres Nuez, and Gloria Martínez-Sanz. 2020. “Radiological Findings for Diagnosis of SARS-CoV-2 Pneumonia (COVID-19).” *Medicina Clinica (English Ed.)* 155 (1): 36–40. <https://doi.org/10.1016/j.medcle.2020.03.004>.
- Satgas COVID-19. 2021. Peta Sebaran COVID-19. [Online] <https://covid19.go.id/peta-sebaran-covid19> [Diakses tanggal 20 Januari 2021].
- Setiawati, Rosy, Anita Widyoningroem, Triwulan Handarini, Fierly Hayati, Agnes Triana Basja, Atrikha Rahma Dyana Surya Putri, Merlin Guntur Jaya, Jessica Andriani, Melina Rosita Tanadi, and Imran Harsam Kamal. 2021. “Modified Chest X-Ray Scoring System in Evaluating Severity of COVID-19 Patient in Dr. Soetomo General Hospital Surabaya, Indonesia.” *International Journal of General Medicine* Volume 14 (June): 2407–12. <https://doi.org/10.2147/IJGM.S310577>.
- Speets, Anouk M, Yolanda van der Graaf, Arno W Hoes, Sandra Kalmijn, Alfred PE Sachs, Matthieu JCM Rutten, Jan Willem C Gratama, Alexander D Montauban van Swijndregt, and Willem PThM Mali. 2006. “Chest Radiography in General Practice: Indications, Diagnostic Yield and Consequences for Patient Management.” *The British Journal of General Practice* 56 (529): 574–78.
- Thai, Pham Quang, Do Thi Thanh Toan, Dinh Thai Son, Hoang Thi Hai Van, Luu Ngoc Minh, Le Xuan Hung, Ngo Van Toan, et al. 2020. “Factors Associated with the Duration of Hospitalisation among COVID-19 Patients in Vietnam: A Survival Analysis.” *Epidemiology & Infection* 148. <https://doi.org/10.1017/S0950268820001259>.
- Toussie, Danielle, Nicholas Voutsinas, Mark Finkelstein, Mario A. Cedillo, Sayan Manna, Samuel Z. Maron, Adam Jacobi, et al. 2020. “Clinical and Chest Radiography Features Determine Patient Outcomes in Young and Middle-Aged Adults with COVID-19.” *Radiology* 297 (1): E197–206. <https://doi.org/10.1148/radiol.2020201754>.
- Venkatasubbaiah, Meda, P. Dwarakanadha Reddy, and Suggala V. Satyanarayana. 2020. “Literature-Based Review of the Drugs Used for the Treatment of COVID-19.” *Current Medicine Research and Practice* 10 (3): 100–109. <https://doi.org/10.1016/j.cmrp.2020.05.013>.
- Wong, Ho Yuen Frank, Hiu Yin Sonia Lam, Ambrose Ho-Tung Fong, Siu Ting Leung, Thomas Wing-Yan Chin, Christine Shing Yen Lo, Macy Mei-Sze

- Lui, et al. 2020. "Frequency and Distribution of Chest Radiographic Findings in COVID-19 Positive Patients." *Radiology*, March, 201160. <https://doi.org/10.1148/radiol.2020201160>.
- Wu, Renyi, Lujing Wang, Hsiao-Chen Dina Kuo, Ahmad Shannar, Rebecca Peter, Pochung Jordan Chou, Shanyi Li, et al. 2020. "An Update on Current Therapeutic Drugs Treating COVID-19." *Current Pharmacology Reports*, May, 1–15. <https://doi.org/10.1007/s40495-020-00216-7>.
- Yaqin, Muhammad Ainul. 2021. " Hubungan Gambaran Computed Tomography (CT) Scan Toraks dengan Neutrophil Lymphocyte Ratio (NLR) pada Pasien Coronavirus Disease 2019 (COVID-19) di RSUP Wahidin Sudirohusodo." Skripsi. Fakultas Kedokteran. Universitas Hasanuddin.
- Yi, Ye, Philip N.P. Lagniton, Sen Ye, Enqin Li, and Ren-He Xu. 2020. "COVID-19: What Has Been Learned and to Be Learned about the Novel Coronavirus Disease." *International Journal of Biological Sciences* 16 (10): 1753–66. <https://doi.org/10.7150/ijbs.45134>.
- Yoon, Soon Ho, Kyung Hee Lee, Jin Yong Kim, Young Kyung Lee, Hongseok Ko, Ki Hwan Kim, Chang Min Park, and Yun-Hyeon Kim. 2020. "Chest Radiographic and CT Findings of the 2019 Novel Coronavirus Disease (COVID-19): Analysis of Nine Patients Treated in Korea." *Korean Journal of Radiology* 21 (4): 494–500. <https://doi.org/10.3348/kjr.2020.0132>.
- Yuki, Koichi, Miho Fujiogi, and Sophia Koutsogiannaki. 2020. "COVID-19 Pathophysiology: A Review." *Clinical Immunology (Orlando, Fla.)* 215 (June): 108427. <https://doi.org/10.1016/j.clim.2020.108427>.
- Zhang, Jishou, Menglong Wang, Mengmeng Zhao, Shanshan Guo, Yao Xu, Jing Ye, Wen Ding, et al. 2020. "The Clinical Characteristics and Prognosis Factors of Mild-Moderate Patients With COVID-19 in a Mobile Cabin Hospital: A Retrospective, Single-Center Study." *Frontiers in Public Health* 8 (June). <https://doi.org/10.3389/fpubh.2020.00264>.
- Zhou, Joel C, Terrence CH Hui, Cher Heng Tan, Hau Wei Hau Wei Khoo, Barnaby E Young, David C Lye, Yeong Shyan Lee, and Gregory JL Kaw. 2020. "Chest Radiography in Coronavirus Disease 2019 (COVID-19): Correlation with Clinical Course." *Annals of the Academy of Medicine, Singapore* 49 (7): 456–61. <https://doi.org/10.47102/annals-acadmedsg.2020106>.

## Lampiran 1. Biodata Peneliti



### Identitas Pribadi:

Nama Lengkap : Catherine Laura Johansyah  
Nama Panggilan : Catherine  
NIM : C011181041  
Tempat, Tanggal Lahir : Makassar, 8 Oktober 2000  
Agama : Katolik  
Jenis Kelamin : Perempuan  
Golongan Darah : A  
Alamat : Jl. Gunung Latimojong no 57D, Makassar  
No. Telpon : 085341604778  
E-mail : [catherinelaurajohansyah@yahoo.com](mailto:catherinelaurajohansyah@yahoo.com)

### Riwayat Pendidikan:

Jenjang Pendidikan	Nama Institusi	Bidang Ilmu/Jurusan	Periode
TK	TK Kristen Kalam Kudus Jayapura	-	2004-2006
SD	SD Kristen Kalam Kudus Jayapura	-	2006-2009
	SD Katolik Santo Joseph Rajawali Makassar	-	2009-2012

SMP	SMP Katolik Rajawali Makassar	-	2012-2015
SMA	SMA Katolik Rajawali Makassar	IPA	2015-2018
Strata 1	Universitas Hasanuddin	Pendidikan Dokter Umum	2018-sekarang

**Riwayat Organisasi:**

<b>Nama Organisasi</b>	<b>Jabatan</b>	<b>Tahun Jabatan</b>
LPM SINOVIA FK UNHAS	Anggota Divisi Redaksi	2019-2020
Asisten Dosen Departemen Fisiologi FK UNHAS	Anggota	2020-2021
Keluarga Katolik Mahasiswa Kedokteran (KKMK) UNHAS	Koordinator Divisi Internal	2020-2021
Roentgen Photography UNHAS	Anggota Divisi Internal	2020-2021

**Riwayat Pelatihan:**

<b>Nama Pelatihan</b>	<b>Tahun</b>
BALANCE Unhas	2018
Masa Pengenalan Pembinaan Kader FK Unhas	2018
Basic Student Leadership Training FK Unhas	2018

## Lampiran 2. Surat Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN  
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN  
KOMITE ETIK PENELITIAN KESEHATAN  
RSPTN UNIVERSITAS HASANUDDIN  
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR  
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu  
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.



Contact Person: dr. Agussalim Bukhari.,MMed.PhD, Sp.GK Telp. 081241850858. 0411 5780103. Fax : 0411-581431

### **REKOMENDASI PERSETUJUAN ETIK**

Nomor : 139/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 3 Maret 2021

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH21020132	No Sponsor Protokol	
Peneliti Utama	Catherine Laura Johansyah	Sponsor	
Judul Peneliti	Hubungan Gejala Klinis dengan Gambaran Foto Toraks Pasien Coronavirus Disease 2019 (COVID-19) di RSUP Wahidin Sudirohusodo Periode Juli-Desember 2020		
No Versi Protokol	1	Tanggal Versi	1 Maret 2021
No Versi PSP		Tanggal Versi	
Tempat Penelitian	RS Dr. Wahidin Sudirohusodo Makassar		
Jenis Review	<input checked="" type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 3 Maret 2021 sampai 3 Maret 2022	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan 	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)	Tanda tangan 	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

### Lampiran 3. Surat Izin Penelitian



Nomor : LB.02.01/2.2/3523 /2021 26 Maret 2021  
Hal : Izin Penelitian

Yth. Kepala Instalasi Rekam Medis

Dengan ini kami hadapkan peneliti :

Nama : Catherine Laura Johansyah  
NIM : C011181041  
Prog. Studi : Sarjana Kedokteran  
Institusi : Fakultas Kedokteran UNHAS  
No. HP : +62 853 4160 4778

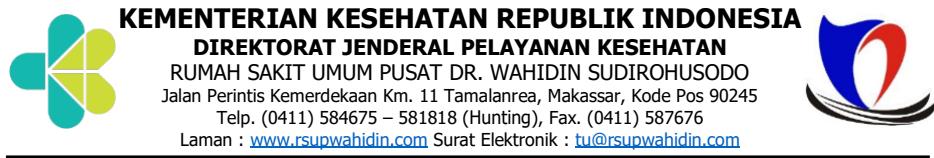
Yang bersangkutan akan melakukan pengambilan data awal dengan judul penelitian "Hubungan Gejala Klinis dengan Gambaran Foto Toraks Pasien Coronavirus Disease 2019 (COVID-19) di RSUP Wahidin Sudirohusodo Periode Juli-Desember 2020" berdasarkan surat dari Ketua Program Studi Sarjana Kedokteran FK UNHAS dengan Nomor 3727/UN4.6.8/PT.01.04/2021, tertanggal 22 Februari 2021, dengan data-data yang dibutuhkan yaitu: No RM, Nama (inisial), Tanggal Lahir, Umur, Jenis Kelamin, diagnose, gejala klinis saat pertama kali terdiagnosa, penyakit penyerta, tanggal masuk dan keluar RS, Hasil Pemeriksaan RT-PCR, Hasil Pemeriksaan pertama X-Ray Torax dan jumlah pemeriksaan X Ray Torax selama dirawat. Pengambilan data berlangsung sejak tanggal 29 Maret s.d 28 Mei 2021, dengan catatan selama penelitian berlangsung peneliti:

1. Wajib memakai ID Card selama melakukan penelitian
2. Wajib mematuhi peraturan dan tata tertib yang berlaku
3. Tidak mengganggu proses pelayanan terhadap pasien
4. Tidak diperkenankan membawa status pasien keluar dari Ruangan Rekam Medik
5. Tidak memperbolehkan mengambil gambar pasien dan identitas pasien harus dirahasiakan
6. Mematuhi protokol pencegahan Covid 19.

Demikian, untuk di pergunakan sebagaimana mestinya.



## Lampiran 4. Surat Selesai Meneliti



### **SURAT KETERANGAN SELESAI PENELITIAN**

**Nomor : LB.02.01/2.2/ 17669 /2021**

Yang bertanda tangan dibawah ini Plt. Direktur SDM, Pendidikan dan Penelitian RSUP. Dr. Wahidin Sudirohusodo Makassar menerangkan bahwa :

Nama : **Catherine Laura Johansyah**  
NIM : **C011181041**  
Prog. Studi : **Sarjana Kedokteran**  
Institusi : **Fakultas Kedokteran Univ. Hasanuddin Makassar**  
No. HP : **+62 853-4160-4778**

**Benar Telah melakukan penelitian di Inst. Rekam Medik dari tanggal 29 Maret s.d 28 Mei 2021 dengan judul penelitian “Hubungan Gejala Klinis Dengan Gambaran Foto Toraks Pasien Coronavirus Disease 2019 (Covid-19) di RSUP. Dr. Wahidin Sudirohusodo Periode Juli-Desember 2020”**

Demikian Surat Keterangan ini dibuat untuk di pergunakan sebagaimana mestinya.

12 Oktober 2021  
Plt. Direktur SDM, Pendidikan dan Penelitian



## Lampiran 5. Data Penelitian

<b>Keterangan</b>											
HT	: Hipertensi					H	: Hidup				
DM	: Diabetes Melitus					M	: Meninggal				
M	: Malnutrisi					a	: Lapangan paru kanan atas				
TEP	: Tumor Ekstra Paru					b	: Lapangan paru kanan tengah				
TP	: Tumor Paru					c	: Lapangan paru kanan bawah				
A	: Asma					d	: Lapangan paru kiri atas				
TB	: Tuberkulosis Paru					e	: Lapangan paru kiri tengah				
BT	: Brain Trauma					f	: Lapangan paru kiri				
F	: Fraktur					JK	: Jenis kelamin				

No.	Umur	JK	Penyakit Penyerta	PCR	Lama Rawat	Status Keluar	Gejala Klinis	Gambaran Foto Toraks	Lokasi Lap Paru	Waktu Foto Toraks	Jumlah Foto Toraks
1	51	L	M, TB	Ya	7	H	Berat	6	a, b, c, d, e, f	3	2
2	71	L	-	Ya	7	H	Berat	1	c	4	1
3	11	P	-	Ya	9	H	Ringan	0	-	7	1
4	7	L	-	Ya	9	H	Ringan	0	-	2	1
5	13	P	-	Ya	9	H	Ringan	0	-	1	1
6	47	L	M	Ya	12	M	Sedang	4	a, b, d, e	1	1
7	52	L	HT, M	Ya	8	M	Berat	6	a, b, c, d, e, f	4	2
8	63	P	M, TEP	Ya	16	H	Sedang	0	-	4	2
9	66	P	HT, DM, M	Ya	5	M	Kritis	4	a, b, c, d	2	1
10	27	L	-	Ya	3	M	Kritis	2	b, c	8	4
11	11	L	-	Ya	7	H	Ringan	0	-	2	1
12	81	L	HT, DM, M	Ya	7	M	Kritis	6	a, b, c, d, e, f	3	2
13	35	L	HT, M	Ya	31	H	Sedang	3	b, c, f	5	3
14	31	L	M, TEP	Ya	2	M	Kritis	3	a, b, c	2	1
15	60	L	HT, M, TB	Ya	20	H	Sedang	6	a, b, c, d, e, f	4	3
16	56	L	M	Ya	25	H	Berat	6	a, b, c, d, e, f	4	1
17	37	L	-	Ya	13	H	Sedang	2	b, c	1	1
18	73	L	HT, M	Ya	7	M	Berat	6	a, b, c, d, e, f	4	3
19	67	L	M	Ya	13	M	Berat	5	a, b, c, e, f	5	2
20	30	L	M	Ya	26	H	Sedang	2	c, e	10	3
21	11	L	-	Ya	6	H	Ringan	0	-	2	1

22	53	P	M	Ya	23	H	Sedang	0	-	2	3
23	53	L	HT, M	Ya	23	H	Sedang	6	a, b, c, d, e, f	4	2
24	60	L	M	Ya	43	H	Sedang	4	b, c, e, f	8	1
25	31	L	M	Ya	12	H	Sedang	3	c, d, f	4	3
26	55	L	M	Ya	31	H	Sedang	0	-	11	3
27	46	L	M	Ya	15	M	Sedang	6	a, b, c, d, e, f	12	1
28	47	L	HT, M, F	Ya	10	H	Sedang	0	-	3	1
29	39	L	TEP	Ya	22	H	Sedang	3	d, e, f	21	1
30	37	L	F	Ya	4	H	Ringan	1	e	3	2
31	37	L	-	Ya	6	M	Sedang	0	-	6	1
32	45	L	M, TB, TEP	Ya	12	H	Sedang	0	-	3	2
33	0	P	-	Ya	11	H	Sedang	4	a, b, c, e	2	1
34	32	P	M	Ya	18	H	Kritis	6	a, b, c, d, e, f	4	7
35	29	P	DM	Ya	17	M	Berat	6	a, b, c, d, e, f	17	1
36	49	L	TP	Ya	12	H	Kritis	3	a, b, c	1	3
37	62	L	M	Ya	29	H	Kritis	6	a, b, c, d, e, f	2	2
38	68	L	DM, M, TEP	Ya	30	H	Sedang	2	b, f	6	2
39	58	P	DM, M	Ya	11	M	Berat	3	c, d, e	5	3
40	52	P	TEP	Ya	5	M	Sedang	3	d, e, f	1	1
41	58	P	HT, DM, M	Ya	17	H	Sedang	0	-	2	2
42	49	L	HT, M	Ya	29	H	Sedang	6	a, b, c, d, e, f	6	1
43	54	L	M, TEP	Ya	8	H	Sedang	6	a, b, c, d, e, f	4	1
44	59	L	M, TEP	Ya	13	H	Sedang	0	-	7	1
45	54	L	M	Ya	26	H	Sedang	0	-	9	1
46	49	P	M, TEP	Ya	7	M	Sedang	3	a, b, c	1	1
47	56	L	HT, M	Ya	21	H	Berat	2	b, c	5	2
48	48	L	HT, F	Ya	37	H	Berat	2	c, f	1	9
49	50	P	TEP	Ya	8	H	Sedang	1	c	11	1
50	75	L	HT, M, TEP	Ya	10	H	Berat	1	c	8	1
51	23	L	F	Ya	12	H	Ringan	0	-	11	1
52	30	P	-	Ya	6	H	Ringan	0	-	2	1
53	48	P	M, TEP	Ya	13	H	Sedang	2	b, c	5	2
54	47	P	-	Ya	22	H	Sedang	2	b, e	16	1

55	31	L	-	Ya	5	H	Ringan	0	-	2	1
56	32	P	-	Ya	5	H	Ringan	0	-	2	1
57	17	L	F	Ya	12	H	Berat	0	-	2	1
58	70	P	HT	Ya	12	H	Sedang	6	a, b, c, d, e, f	5	1
59	66	P	HT, M	Ya	2	H	Sedang	2	b, c	2	1
60	28	L	M	Ya	8	H	Sedang	0	-	5	1
61	46	P	HT, DM	Ya	4	M	Kritis	6	a, b, c, d, e, f	3	1
62	28	P	-	Ya	4	H	Ringan	2	c, f	1	1
63	35	P	-	Ya	5	Hidup	Ringan	0	-	2	1
64	27	P	TB	Ya	11	Hidup	Sedang	0	-	12	1
65	29	P	-	Ya	6	Hidup	Ringan	0	-	1	1
66	33	P	-	Ya	8	Hidup	Ringan	0	-	2	1
67	54	P	M, F	Ya	8	Hidup	Sedang	3	a, c, d	2	4
68	47	P	HT, M	Ya	28	Hidup	Sedang	1	c	22	1
69	54	L	DM, TB	Ya	21	Hidup	Sedang	6	a, b, c, d, e, f	25	5
70	34	P	-	Ya	3	Hidup	Ringan	0	-	2	1
71	31	L	-	Ya	5	Hidup	Ringan	1	c	2	1
72	61	L	-	Ya	7	Hidup	Ringan	1	c	2	1
73	24	L	TEP, M	Ya	5	Hidup	Sedang	0	-	5	1
74	60	L	M	Ya	9	Hidup	Sedang	5	a, b, c, d, e	1	1
75	0	L	M	Ya	11	Hidup	Sedang	4	a, c, d, e	1	1
76	25	L	-	Ya	3	Hidup	Ringan	0	-	1	1
77	0	P	-	Ya	17	M	Sedang	0	-	1	2
78	20	P	M	Ya	10	H	Ringan	0	-	1	1
79	24	P	M	Ya	6	H	Ringan	0	-	2	1
80	1	L	-	Ya	7	H	Sedang	2	a, d	5	1
81	53	P	M, TEP	Ya	4	M	Sedang	3	d, e, f	1	1
82	62	L	DM, M	Ya	16	H	Sedang	6	a, b, c, d, e, f	4	1
83	53	P	HT, M	Ya	6	H	Sedang	6	a, b, c, d, e, f	2	1
84	30	P	M	Ya	6	H	Ringan	0	-	2	1
85	54	P	HT, DM, M	Ya	6	H	Berat	6	a, b, c, d, e, f	5	1
86	40	L	M	Ya	10	H	Sedang	0	-	2	2
87	63	L	HT, M	Ya	13	H	Kritis	6	a, b, c, d, e, f	2	3
88	26	P	-	Ya	7	H	Ringan	1	b	1	1
89	21	L	-	Ya	21	H	Ringan	2	b, e	2	1
90	31	P	-	Ya	9	H	Ringan	1	b	2	1

91	44	P	HT, DM, M	Ya	12	H	Kritis	6	a, b, c, d, e, f	3	3
92	29	L	-	Ya	8	H	Ringan	0	-	2	1
93	41	P	-	Ya	10	H	Ringan	0	-	1	1
94	24	L	BT, F	Ya	2	M	Kritis	6	a, b, c, d, e, f	1	1
95	60	P	HT, DM	Ya	7	H	Sedang	2	c, f	3	1
96	36	P	-	Ya	8	H	Ringan	0	-	1	1
97	36	P	-	Ya	10	H	Ringan	0	-	1	1
98	32	L	-	Ya	17	H	Ringan	1	b	2	4
99	25	L	-	Ya	4	H	Ringan	0	-	2	1
100	58	L	DM, M	Ya	19	H	Berat	6	a, b, c, d, e, f	3	4
101	32	L	-	Ya	6	H	Ringan	1	c	2	1
102	29	L	-	Ya	7	H	Ringan	0	-	1	1
103	26	P	-	Ya	7	H	Ringan	0	-	1	1
104	76	P	M, TP	Ya	8	M	Berat	6	a, b, c, d, e, f	5	1
105	31	L	-	Ya	5	H	Ringan	1	b	2	1
106	33	L	-	Ya	7	H	Ringan	0	-	1	1
107	32	P	-	Ya	10	H	Ringan	0	-	1	1
108	40	L	M	Ya	5	H	Ringan	0	-	3	1
109	47	L	M	Ya	13	H	Sedang	0	-	7	1
110	17	L	HT	Ya	15	H	Sedang	0	-	3	2
111	40	P	HT	Ya	2	H	Sedang	1	c	1	1
112	78	L	HT	Ya	16	H	Sedang	4	b, c, e, f	1	1
113	18	P	M, BT	Ya	5	M	Kritis	0	-	3	1
114	79	L	M	Ya	5	M	Berat	1	a	1	2
115	7	L	TEP	Ya	6	H	Sedang	0	-	1	1
116	61	L	HT, M	Ya	14	H	Sedang	4	a, b, c, f	2	1
117	43	P	-	Ya	6	H	Ringan	0	-	2	1
118	36	P	M, TEP	Ya	6	M	Kritis	6	a, b, c, d, e, f	2	2
119	14	L	-	Ya	2	H	Sedang	0	-	2	1
120	50	P	M	Ya	15	H	Berat	6	a, b, c, d, e, f	1	3
121	57	L	HT, DM, M, TEP	Ya	16	H	Sedang	4	a, b, c, f	6	3
122	57	L	HT, M	Ya	8	M	Kritis	6	a, b, c, d, e, f	3	3
123	41	P	-	Ya	5	H	Sedang	2	e, f	1	1
124	34	L	A	Ya	7	H	Sedang	2	a, e	5	1

125	65	L	HT, M	Ya	11	M	Kritis	6	a, b, c, d, e, f	5	3
126	53	P	DM, F	Ya	26	H	Sedang	2	c, f	26	1
127	2	P	M, TEP	Ya	26	H	Berat	0	-	17	1
128	64	P	HT, DM, M	Ya	5	H	Berat	4	b, c, e, f	1	1
129	0	L	-	Ya	4	M	Kritis	4	a, b, e, f	1	1
130	60	P	DM	Ya	2	M	Kritis	6	a, b, c, d, e, f	1	1
131	55	P	HT, DM	Ya	1	M	Kritis	6	a, b, c, d, e, f	1	1
132	40	L	DM, M	Ya	15	Hidup	Sedang	6	a, b, c, d, e, f	7	3
133	27	P	-	Ya	5	H	Ringan	0	-	4	1
134	34	L	-	Ya	10	H	Ringan	0	-	3	3
135	64	P	HT, DM, M	Ya	2	M	Berat	6	a, b, c, d, e, f	4	1
136	56	L	HT, TEP	Ya	23	M	Berat	2	a, e	1	2
137	55	P	-	Ya	4	M	Sedang	4	a, c, d, e	1	1
138	57	L	DM, M	Ya	5	M	Sedang	3	c, e, f	2	1
139	54	L	HT, M	Ya	22	H	Sedang	1	f	2	1
140	36	L	HT, DM, M	Ya	8	H	Sedang	0	-	3	2
141	17	P	-	Ya	37	H	Berat	2	c, f	4	1
142	54	P	M	Ya	4	H	Sedang	4	b, c, e, f	1	2
143	44	L	M, TP	Ya	9	M	Sedang	4	b, c, e, f	3	1
144	31	P	-	Ya	14	H	Ringan	3	b, c, e	11	1
145	32	P	-	Ya	5	H	Ringan	0	-	4	1
146	58	P	-	Ya	5	H	Sedang	0	-	2	1
147	72	P	DM	Ya	6	H	Berat	4	a, b, c, f	1	2
148	43	P	-	Ya	13	H	Sedang	0	-	1	1
149	38	L	-	Ya	14	H	Ringan	0	-	1	1
150	34	L	HT, M	Ya	12	M	Sedang	3	b, c, f	2	1
151	55	P	DM, M	Ya	2	M	Kritis	6	a, b, c, d, e, f	2	1
152	44	L	M, TEP	Ya	10	M	Berat	5	a, b, d, e, f	1	1
153	51	P	TB	Ya	5	H	Sedang	0	-	4	1
154	48	P	HT, M	Ya	27	M	Kritis	6	a, b, c, d, e, f	1	3
155	66	L	H, M	Ya	6	H	Kritis	6	a, b, c, d, e, f	1	2
156	18	L	-	Ya	5	H	Sedang	2	a, b	3	1

157	38	L	HT, DM, M	Ya	12	M	Berat	6	a, b, c, d, e, f	4	4
158	65	L	M, TP	Ya	1	M	Kritis	6	a, b, c, d, e, f	1	1
159	57	L	HT, M	Ya	10	M	Kritis	6	a, b, c, d, e, f	2	5
160	52	L	M, TB, BT	Ya	15	H	Sedang	3	a, b, d	1	2
161	34	L	HT, M	Ya	8	H	Sedang	2	c, f	1	2
162	32	L	M	Ya	13	M	Kritis	6	a, b, c, d, e, f	1	7
163	30	P	-	Ya	4	H	Ringan	0	-	1	1
164	51	L	M	Ya	9	H	Berat	4	a, b, c, e	1	2
165	20	P	-	Ya	8	H	Ringan	0	-	3	1
166	34	P	-	Ya	7	H	Ringan	0	-	2	1
167	48	P	-	Ya	6	H	Ringan	0	-	1	1
168	34	L	TB	Ya	7	H	Sedang	2	b, e	2	1
169	34	L	-	Ya	6	H	Ringan	0	-	4	1
170	58	P	-	Ya	8	H	Sedang	0	-	1	1
171	41	P	DM	Ya	6	H	Sedang	0	-	6	1
172	31	P	TB	Ya	15	H	Sedang	0	-	1	1
173	33	L	-	Ya	11	H	Ringan	4	b, c, e, f	2	1
174	58	L	HT	Ya	3	H	Sedang	0	-	1	1
175	25	P	-	Ya	3	H	Ringan	0	-	2	1
176	43	L	-	Ya	6	H	Ringan	0	-	3	1
177	38	L	-	Ya	11	H	Ringan	0	-	2	1
178	30	P	M	Ya	3	H	Ringan	0	-	1	1
179	26	P	-	Ya	9	H	Ringan	1	f	2	1
180	34	L	-	Ya	6	H	Ringan	1	a	2	1
181	32	L	-	Ya	4	H	Ringan	0	-	2	1
182	30	P	-	Ya	3	H	Ringan	0	-	3	1
183	51	P	-	Ya	4	H	Ringan	0	-	2	1
184	43	L	-	Ya	10	H	Sedang	2	c, f	3	1
185	38	P	-	Ya	2	H	Ringan	0	-	3	1
186	33	P	-	Ya	3	H	Ringan	0	-	2	1
187	2	L	-	Ya	8	H	Ringan	1	a	3	1
188	38	P	HT, DM, M	Ya	9	H	Sedang	1	c	3	1
189	55	P	DM	Ya	6	H	Sedang	0	-	2	1
190	28	P	-	Ya	4	H	Ringan	1	f	2	1
191	52	P	-	Ya	8	H	Sedang	0	-	2	1
192	36	P	-	Ya	10	H	Sedang	0	-	7	1

193	54	L	HT, M	Ya	6	H	Sedang	4	b, c, e, f	1	2
194	66	P	HT, M	Ya	11	H	Sedang	2	c, f	2	1
195	26	L	-	Ya	9	H	Ringan	1	b	2	1
196	56	P	-	Ya	12	H	Ringan	2	c, f	2	1
197	21	P	-	Ya	6	H	Ringan	0	-	2	1
198	33	P	-	Ya	7	H	Ringan	0	-	2	1
199	32	P	-	Ya	6	H	Ringan	0	-	2	1
200	56	P	-	Ya	15	H	Ringan	0	-	1	1
201	29	P	-	Ya	3	H	Ringan	0	-	2	1
202	31	L	-	Ya	13	H	Ringan	1	f	3	1
203	21	P	-	Ya	6	H	Ringan	0	-	2	1
204	53	P	HT, M	Ya	15	H	Sedang	4	b, c, e, f	4	3
205	35	L	HT	Ya	8	H	Ringan	0	-	1	1
206	39	P	-	Ya	8	H	Ringan	0	-	2	1
207	31	L	-	Ya	9	H	Ringan	1	d	2	2
208	42	L	-	Ya	3	H	Ringan	0	-	2	1
209	56	L	-	Ya	8	H	Ringan	1	c	4	1
210	46	P	-	Ya	2	H	Ringan	0	-	2	1
211	43	L	-	Ya	15	H	Ringan	0	-	2	3
212	25	P	-	Ya	9	H	Ringan	0	-	2	1
213	34	L	-	Ya	10	H	Ringan	0	-	2	1
214	38	P	-	Ya	8	H	Ringan	0	-	3	1
215	14	P	-	Ya	8	H	Ringan	1	b	1	1
216	29	P	-	Ya	5	H	Ringan	0	-	1	1
217	55	L	-	Ya	15	H	Sedang	2	c, f	2	1
218	26	P	-	Ya	4	H	Ringan	0	-	2	1
219	28	P	-	Ya	13	H	Ringan	0	-	2	1
220	36	L	DM	Ya	6	H	Ringan	0	-	3	1
221	38	L	M	Ya	8	H	Ringan	2	b, e	3	1
222	43	P	-	Ya	6	H	Ringan	0	-	2	1
223	32	P	-	Ya	14	H	Ringan	0	-	2	1
224	24	P	-	Ya	3	H	Ringan	0	-	1	1
225	39	P	-	Ya	8	H	Sedang	0	-	5	1
226	35	L	-	Ya	6	H	Ringan	1	f	2	1
227	41	P	-	Ya	6	H	Ringan	1	c	2	1