

DAFTAR PUSTAKA

1. Guterres A, Junhua L. The Sustainable Development Goals Report 2025. 2025.
2. Kasymbekova K, Kasymova G, Khachatryan A, Khachatryan N, Klemen S, Klimuk D, Et Al. Global Tuberculosis Report 2024. Eropa; 2024 Nov.
3. Utami Asf, Khalishah Ad, Setiawan A, Arum Ads, Tomo Asn, Mailana Aa, Et Al. Laporan Program Penanggulangan Tuberkulosis 2023. Jakarta; 2024.
4. Triyono Ea, Yoto M, Sari Nh, Sukarjiyah W, Anggraini Sd, Eriyanto Y, Et Al. Profil Kesehatan Provinsi Jawa Timur 2024. Surabaya; 2025 Aug.
5. Maharani Ea. Persebaran Kasus Tuberkulosis Berdasarkan Kepadatan Penduduk Di Provinsi Jawa Timur Tahun 2021- 2023. Jurnal Kesehatan Tambusai. 2025 Mar;6(1).
6. Paramita Yoga Pc. Pulmonary Tb Relapse Case Confirmed Bacteriologically With Cor Pulmonale Chronic Disease. Journal La Medihealtico. 2025 Jun 12;6(3):720–31.
7. Meghji J, Lesosky M, Joekes E, Banda P, Rylance J, Gordon S, Et Al. Patient Outcomes Associated With Post-Tuberculosis Lung Damage In Malawi: A Prospective Cohort Study. Thorax. 2020 Mar;75(3):269–78.
8. Li A, Yuan S Yun, Li Q Guo, Li J Xing, Yin X Yu, Liu N Na. Prevalence And Risk Factors Of Malnutrition In Patients With Pulmonary Tuberculosis: A Systematic Review And Meta-Analysis. Front Med (Lausanne). 2023 Aug 10;10.
9. Tambunan M, Rizal M, Reno Monalisa S, Sa'pang M. Penerapan Asuhan Gizi Terstandar Pada Pasien Malnutrisi Dengan Dispnea Tuberkulosis Paru Dan Pneumotoraks Dekstra: Diet Tinggi Energi Tinggi Protein (Tetp) Nutrition Care Process In Malnourished Patients With Dyspnea Pulmonari Tuberculosis And Pneumotoraks: High Energy High Protein Diet. Jurnal Sains Kesehatan. 2025 Aug 5;32(2).
10. Vivien Carin, Khoirul Anwar, Sri Irawati, Yeshika Maharani. Asuhan Gizi Pada Pasien Tuberkulosis Paru, Acute Lymphadenitis, Dan Sindrom Nefrotik. Binawan Student Journal. 2024 Aug 24;6(2):144–52.
11. Cristanti Ff, Mahmudiono T, Erfiana. Proses Asuhan Gizi Terstandar Pada Pasien Pediatri Bronkopneumonia Dan Kejang Demam Sederhana Pasca Konvulsi Dengan Pemberian Diet Tinggi Kalori Dan Tinggi Protein: Sebuah Laporan Kasus. Media Gizi Kemas. 2024 Jun 30;13(1):276–85.
12. Colin C, Arikawa A, Lewis S, Cooper M, Lamers-Johnson E, Wright L, Et Al. Documentation Of The Evidence-Diagnosis Link Predicts Nutrition Diagnosis Resolution In The Academy Of Nutrition And Dietetics' Diabetes Mellitus Registry Study: A Secondary Analysis Of Nutrition Care Process Outcomes. Front Nutr. 2023 Mar 9;10.
13. Darmawan Ma, Artawan Ik, Rini Nm. Sindrom Obstruksi Pasca-Tuberkulosis (Sopt). Cermin Dunia Kedokteran. 2025;52(1).

14. Auld Sc, Barczak Ak, Bishai W, Coussens Ak, Dewi Imw, Mitini-Nkhoma Sc, Et Al. Pathogenesis Of Post-Tuberculosis Lung Disease: Defining Knowledge Gaps And Research Priorities At The Second International Post-Tuberculosis Symposium. *Am J Respir Crit Care Med*. 2024 Oct 15;210(8):979–93.
15. Louw Eh, Van Heerden Ja, Kalla Is, Maarman Gj, Nxumalo Z, Thienemann F, Et Al. Scoping Review Of Post-Tb Pulmonary Vascular Disease: Proceedings From The 2nd International Post-Tuberculosis Symposium. *Pulm Circ*. 2024 Jul 12;14(3).
16. Ratnakumar S, Hayward Se, Denny Ek, Goldsmith Lp, Evans R, Checkley W, Et Al. Post-Pulmonary Tuberculosis Lung Function: A Systematic Review And Meta-Analysis. *Lancet Glob Health*. 2025 Jun;13(6):E1020–9.
17. Fumagalli G, Mencarini J, Sini I, Allavena L, Tadolini M, Mantero M, Et Al. Post-Tuberculosis Lung Disease: A Guide For Clinicians. *Infection*. 2025 Sep 25;
18. Sinha S, Titiyal R, Mounika P, Ajayababu A, Chinnakali P, Ghanate N, Et Al. Effectiveness Of Pulmonary Rehabilitation On Functional Exercise Capacity & Health Related Quality Of Life (Hrql) Among Individuals With Post Tuberculosis Lung Disease: A Multicentric Pre & Post-Interventional Study. *Indian J Med Res*. 2025 Jun 26;161:540.
19. Agusti A, Decramer M, Celli Br, Chen R, Criner G. Global Initiative For Chronic Obstructive Lung Disease Global Initiative For Chronic Obstructive Lung Disease Pocket Guide To Copd Diagnosis, Management, And Prevention A Guide For Health Care Professionals [Internet]. 2017. Available From: [www.Goldcopd.Org](http://www.goldcopd.org)
20. Fachriyah As, Santosa B. Kasus Pneumonia Dengan Riwayat Tuberkulosis, Kambuhnya Tuberkulosis, Paru Yang Hancur, Sopt, Hipokalemia, Cor Pulmonale, Dan Hipertensi Pulmonal. *Syntax Literate ; Jurnal Ilmiah Indonesia*. 2025 Feb 24;10(2):2034–42.
21. Pakpahan Fs, Bihar S, Syarani F, Eyanoe Pc. Accuracy Between Curb-65 Score And Psi In Determining The Prognosis Of Community-Acquired Pneumonia Patients At H. Adam Malik General Hospital, Medan. *Respiratory Science*. 2021 Jun 23;1(3):174–81.
22. Stotts C, Corrales-Medina Vf, Rayner Kj. Pneumonia-Induced Inflammation, Resolution And Cardiovascular Disease: Causes, Consequences And Clinical Opportunities. *Circ Res*. 2023 Mar 17;132(6):751–74.
23. Yue X, Li M, Wang Y, Zhang J, Wang X, Kan L, Et Al. Nutritional Support And Clinical Outcome Of Severe And Critical Patients With Covid-19 Pneumonia. *Front Nutr*. 2020 Nov 19;7.
24. Kementerian Kesehatan Republik Indonesia. Keputusan Menteri Kesehatan Republik Indonesia Nomor Hk.01.07/Menkes/2147/2023 Tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Pneumonia Pada Dewasa. 2023.

25. Kementerian Kesehatan Republik Indonesia. Keputusan Menteri Kesehatan Republik Indonesia Nomor Hk.01.07/Menkes/322/2019 Tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Hepatitis B. 2019.
26. World Health Organization. Global Hepatitis Report 2024 : Action For Access In Low- And Middle-Income Countries. World Health Organization; 2024.
27. Khanam A, Chua J V., Kottilil S. Immunopathology Of Chronic Hepatitis B Infection: Role Of Innate And Adaptive Immune Response In Disease Progression. *Int J Mol Sci.* 2021 May 23;22(11):5497.
28. Hapsari Rb, Marpaung L, Lestari Nis, Suhailin D, Yusmariami, Azarsyah A, Et Al. *Petunjuk Teknis Manajemen Program Hepatitis B Dan Hepatitis C.* Jakarta; 2023.
29. Zheng P, Dou Y, Wang Q. Immune Response And Treatment Targets Of Chronic Hepatitis B Virus Infection: Innate And Adaptive Immunity. *Front Cell Infect Microbiol.* 2023 Jun 22;13.
30. Kementerian Kesehatan Ri. *Pedoman Pelayanan Gizi Pada Pasien Tuberkulosis.* Kementerian Kesehatan Ri; 2014.
31. Persatuan Ahli Gizi Indonesia, Asosiasi Dietisien Indonesia. *Penuntun Diet Dan Terapi Gizi.* 4th Ed. S. A. Budi Hartati Skm, Mkm, Me, Editor. Jakarta: Buku Kedokteran Egc; 2019.
32. Kaipainen T, Hartikainen S, Tiihonen M, Nykänen I. Effect Of Individually Tailored Nutritional Counselling On Protein And Energy Intake Among Older People Receiving Home Care At Risk Of Or Having Malnutrition: A Non-Randomised Intervention Study. *Bmc Geriatr.* 2022 Dec 1;22(1).
33. Kementerian Kesehatan Ri. *Pedoman Proses Asuhan Gizi Terstandar (Pagt).* Jakarta: Kementerian Kesehatan Ri; 2014.
34. Thibault R, Abbasoglu O, Ioannou E, Meija L, Ottens-Oussoren K, Pichard C, Et Al. *Espen Guideline On Hospital Nutrition.* *Clinical Nutrition.* 2021 Dec 1;40(12):5684–709.
35. Kusumawardani Mk, Primasari An, Nugroho Tp, Wangit C. *Build Trust Rumah Sakit Umum Daerah Dr. Soetomo Pemerintah Provinsi Jawa Timur.* Surabaya; 2024 Dec.
36. Susetyowati. *Penerapan Skrining Gizi Di Rumah Sakit.* Gadjah Mada University Press; 2021.
37. Tramontano A, Palange P. Nutritional State And Copd: Effects On Dyspnoea And Exercise Tolerance. *Nutrients.* 2023 Apr 6;15(7):1786.
38. Pura Block S, Of Jammu U. Food Insecurity And Its Association With Dietary Diversity: A Cross-Sectional Study In Rural Households In Jammu. *Indian Journal Of Community Medicine |.* 2024;49(1).

39. Mehraban N, Ickowitz A. Dietary Diversity Of Rural Indonesian Households Declines Over Time With Agricultural Production Diversity Even As Incomes Rise. *Glob Food Sec*. 2021 Mar 1;28.
40. Wunderle C, Gomes F, Schuetz P, Stumpf F, Austin P, Ballesteros-Pomar Md, Et Al. Espen Guideline On Nutritional Support For Polymorbid Medical Inpatients. *Clinical Nutrition*. 2023 Sep 1;42(9):1545–68.
41. Cehan Vd, Cehan Ar, Pui Mc, Lazar A. A New Perspective On Overfeeding In The Intensive Care Unit (Icu): Challenges, Dangers And Prevention Methods. Vol. 15, *Life*. Multidisciplinary Digital Publishing Institute (Mdpi); 2025.
42. Li J, Li B, Qian J, Zhang J, Ren H, Ning B, Et Al. Nutritional Survey In Critically Ill Children: A Single Center Study In China. Vol. 9, *Translational Pediatrics*. Ame Publishing Company; 2020. P. 221–30.
43. Singer P, Blaser Ar, Berger Mm, Alhazzani W, Calder Pc, Casaer Mp, Et Al. Espen Guideline On Clinical Nutrition In The Intensive Care Unit. *Clinical Nutrition*. 2019 Feb;38(1):48–79.
44. Mifflin M, St Jeor S, Hill L, Scott B, Daugherty S, Koh Y. A New Predictive Equation For Resting Energy Expenditure In Healthy Individuals. *Am J Clin Nutr*. 1990 Feb;51(2):241–7.
45. Jidi C, Cokram C, Gin H Kau, Noor Mi, Litonjua A. The Asia-Pacific Perspective: Redefining Obesity And Its Treatment. Australia; 2000 Feb.
46. Abe Y, Suzuki M, Shima H, Shiraishi Y, Tanabe N, Sato S, Et Al. Annual Body Weight Change And Prognosis In Chronic Obstructive Pulmonary Disease. *International Journal Of Copd*. 2021;16:3243–53.
47. Adult Vital Sign Interpretation In Acute Care Guide 2021. 2021 Apr.
48. Hsu D, Irfan M, Jabeen K, Iqbal N, Hasan R, Migliori Gb, Et Al. Post Tuberculosis Treatment Infectious Complications. *International Journal Of Infectious Diseases*. 2020 Mar 1;92:S41–5.
49. Dasaradhan T, Koneti J, Kalluru R, Gadde S, Cherukuri S Priya, Chikatimalla R. Tuberculosis-Associated Anemia: A Narrative Review. *Cureus*. 2022 Aug 7;
50. Ipniliati E, Dwiyantri Rd, Insana A. Evaluation Of The Duration Of Anti-Tuberculosis Drug Administration On Leukocyte Profiles In Tuberculosis Patients. *Tropical Health And Medical Research*. 2025 Mar 7;7(1):41–8.
51. Ghoshal Ag. Hypoxemia And Oxygen Therapy. *The Journal Of Association Of Chest Physicians*. 2020;8(2):42.
52. Kiryukhina Ld, Kokorina E V., Gavrillov P V., Denisova N V., Archakova Li, Yablonskiy Pk. Gas Exchange In Patients With Pulmonary Tuberculosis: Relationships With Pulmonary Poorly Communicating Fraction And Alveolar Volume. *Journal Of Respiration*. 2023 Jun 20;3(2):107–17.
53. Mapamba Da, Sauli E, Mrema L, Lalashowi J, Magombola D, Buza J, Et Al. Impact Of N-Acetyl Cysteine (Nac) On Tuberculosis (Tb) Patients—A Systematic Review. *Antioxidants*. 2022 Nov 21;11(11):2298.

54. Cobilinschi C, Mirea L. Optimizing Nutrient Uptake In The Critically Ill: Insights Into Malabsorption Management. *The Journal Of Critical Care Medicine*. 2024 Jan 1;10(1):3–6.
55. Huang C, Lin L, Kuo S. Comparing The Outcomes Of Cefoperazone/Sulbactam-Based And Non-Cefoperazone/Sulbactam-Based Therapeutic Regimens In Patients With Multiresistant *Acinetobacter Baumannii* Infections—A Meta-Analysis. *Antibiotics*. 2024 Sep 23;13(9):907.
56. Aghili M, Vahidi E, Mohammadrezaei N, Mirrajei T, Abedini A. Effectiveness Of Nebulized Budesonide For Copd Exacerbation Management In Emergency Department; A Randomized Clinical Trial. *Arch Acad Emerg Med*. 2020;8(1):E85.
57. Sommerfeldt J, Sartorius H, Von Sarnowski B, Klein S, Ritter Ca. Drug Administration Via Feeding Tubes—A Procedure That Carries Risks: Systematic Identification Of Critical Factors Based On Commonly Administered Drugs In A Cohort Of Stroke Patients. Vol. 80, *European Journal Of Clinical Pharmacology*. Springer Science And Business Media Deutschland Gmbh; 2024. P. 1599–623.
58. Cortés-Aguilar R, Malih N, Abbate M, Fresneda S, Yañez A, Bennasar-Veny M. Validity Of Nutrition Screening Tools For Risk Of Malnutrition Among Hospitalized Adult Patients: A Systematic Review And Meta-Analysis. *Clinical Nutrition*. 2024 May;43(5):1094–116.
59. Miwa T, Hanai T, Nishimura K, Hirata S, Unome S, Nakahata Y, Et Al. Nutritional Assessment Using Subjective Global Assessment Identifies Energy Malnutrition And Predicts Mortality In Patients With Liver Cirrhosis. *Sci Rep*. 2025 Dec 1;15(1).
60. Bell K, Lawson J, Penz E, Cammer A. Systematic Review Of Tailored Dietary Advice And Dietitian Involvement In The Treatment Of Chronic Obstructive Pulmonary Disease (COPD). *Respir Med*. 2024 Apr;225:107584.
61. Wiciński M, Liczner G, Cadelski K, Kołnierzak T, Nowaczewska M, Malinowski B. Anemia Of Chronic Diseases: Wider Diagnostics—Better Treatment? *Nutrients*. 2020 Jun 16;12(6):1784.
62. Aujayeb A. A Reminder Of An Important Clinical Lesson: Hypoxaemia In A Pleural Effusion. *Reports*. 2022 Feb 17;5(1):6.
63. Nur Pratiwi Dk, Patima, Musdalifah, Hasnah. Analisis Asuhan Keperawatan Pada Pasien Efusi Pleura Dengan Gangguan Pemenuhan Kebutuhan Dasar Oksigenasi Menggunakan Intervensi Breathing Exercise. *Alauddin Scientific Journal Of Nursing*. 2024 May 2;5(1):1–7.
64. Chou C, Veracruz N, Chitnis As, Wong Rj. Risk Of Drug-Induced Liver Injury In Chronic Hepatitis B And Tuberculosis Co-Infection: A Systematic Review And Meta-Analysis. *J Viral Hepat*. 2022 Dec 14;29(12):1107–14.
65. Rawal G, Yadav S. Nutrition In Chronic Obstructive Pulmonary Disease: A Review. *J Transl Int Med*. 2015 Dec 1;3(4):151–4.

66. Khairi Aibm, Abdul Hamid Hb. Nutrition Optimisation Of Young Tuberculosis Patient With Poor Oral Intake. *Malaysian Journal Of Movement, Health & Exercise*. 2024 Jan;13(1):39–42.
67. Tuna T, Samur G. The Role Of Nutrition And Nutritional Supplements In The Prevention And Treatment Of Malnutrition In Chronic Obstructive Pulmonary Disease: Current Approaches In Nutrition Therapy. *Curr Nutr Rep*. 2025 Jan 25;14(1):21.
68. Lam P, Cichero J, Chen J, Dantas R, Duivesteyn J. Iddsi Framework Detailde Definitions 2.0 2019. 2019.
69. Chen Y, Gao Y. Comparison Of Balanced Crystalloids Versus Normal Saline In Critically Ill Patients: A Systematic Review With Meta-Analysis And Trial Sequential Analysis Of Randomized Controlled Trials. *Ther Clin Risk Manag*. 2023 Oct;Volume 19:783–99.
70. Wensveen Fm, Šestan M, Polić B. The Immunology Of Sickness Metabolism. Vol. 21, *Cellular And Molecular Immunology*. Springer Nature; 2024. P. 1051–65.
71. Sembiring E, Syapitri H, Amila A. Anemia Management Model In Pulmonary Tuberculosis Using Beetroot And Tomato Combined With A High-Calorie And High-Protein Diet. *Jurnal Aisyah : Jurnal Ilmu Kesehatan*. 2021 Mar 22;6(1):109–16.
72. Ardhani P, Oktamianti P, Manurung Nil. The Effect Of Nutritional Interventions On The Success Treatment Of Tuberculosis In Children: Literature Review. *Jurnal Kesehatan Masyarakat*. 2023 Dec;7(3).
73. Amipara Ag, Rangari A, Ghewade B. Diagnosis And Management Of Tuberculous Pleural Effusion In A Patient With Chronic Obstructive Pulmonary Disease: A Case Report. *Cureus*. 2024 Jul 14;
74. Vijay J, Raju A, Joseph A, Ramesh A, Haridas N, Vijayan M. A Prospective Study To Assess The Impact Of Formoterol And Budesonide Nebulization As Add On Therapy In The Management Of Acute Exacerbation Of Copd In A Tertiary Care Hospital. *Clinical And Medical Reports*. 2019;2(3).
75. Lo Sc, Ma Ksk, Li Yr, Li Zy, Lin Ch, Lin Hc, Et Al. Nutritional Support For Successful Weaning In Patients Undergoing Prolonged Mechanical Ventilation. *Sci Rep*. 2022 Dec 1;12(1).
76. Bell K, Lawson J, Penz E, Cammer A. Systematic Review Of Tailored Dietary Advice And Dietitian Involvement In The Treatment Of Chronic Obstructive Pulmonary Disease (Copd). *Respir Med*. 2024 Apr;225:107584.
77. Gao H, Cheng X, Zuo X, Huang Z. Exploring The Impact Of Adequate Energy Supply On Nutrition, Immunity, And Inflammation In Elderly Patients With Chronic Obstructive Pulmonary Disease. *Int J Chron Obstruct Pulmon Dis*. 2024 Jun;Volume 19:1391–402.

78. Liu T, Zheng J, Du J, He G. Food Processing And Nutrition Strategies For Improving The Health Of Elderly People With Dysphagia: A Review Of Recent Developments. *Foods*. 2024 Jan 10;13(2).
79. Ueshima J, Shimizu A, Maeda K, Uno C, Shirai Y, Sonoi M, Et Al. Nutritional Management In Adult Patients With Dysphagia: Position Paper From Japanese Working Group On Integrated Nutrition For Dysphagic People. *J Am Med Dir Assoc*. 2022 Oct;23(10):1676–82.
80. Preau S, Vodovar D, Jung B, Lancel S, Zafrani L, Flatres A, Et Al. Energetic Dysfunction In Sepsis: A Narrative Review. Vol. 11, *Annals Of Intensive Care*. Springer Science And Business Media Deutschland Gmbh; 2021.
81. Singer P, Blaser Ar, Berger Mm, Calder Pc, Casaer M, Hiesmayr M, Et Al. Espen Practical And Partially Revised Guideline: Clinical Nutrition In The Intensive Care Unit. *Clinical Nutrition*. 2023 Sep;42(9):1671–89.
82. Umbrello M, Marini Jj, Formenti P. Metabolic Support In Acute Respiratory Distress Syndrome: A Narrative Review. *J Clin Med*. 2023 Apr 29;12(9):3216.
83. Blaauw L, Schoonees A, Robertson N, Visser J. The Impact Of Guideline Recommended Protein Intake On Mortality And Length Of Intensive Care Unit And Hospital Stay In Critically Ill Adults: A Systematic Review. *Clin Nutr Espen*. 2024 Jun;61:356–68.
84. Valle C, Echeverría F, Chávez V, Valenzuela R, Bustamante A. Deep-Frying Impact On Food And Oil Chemical Composition: Strategies To Reduce Oil Absorption In The Final Product. *Food Safety And Health*. 2024 Oct 6;2(4):414–28.
85. Cheng X, Jiang C, Jin J, Jin Q, Akoh Cc, Wei W, Et Al. Medium- And Long-Chain Triacylglycerol: Preparation, Health Benefits, And Food Utilization. *Annu Rev Food Sci Technol*. 2024 Jun 28;15(1):381–408.
86. Baiano A. Craft Beer: An Overview. *Compr Rev Food Sci Food Saf*. 2021 Mar 24;20(2):1829–56.
87. Preiser Jc, Arabi Ym, Berger Mm, Casaer M, Mcclave S, Montejo-González Jc, Et Al. A Guide To Enteral Nutrition In Intensive Care Units: 10 Expert Tips For The Daily Practice. *Crit Care*. 2021 Dec 14;25(1):424.
88. Cereda E, Guzzardella A, Tamayo L, Piano M, Alquati O, Vadalà R, Et Al. Potential Benefits Of Using An Energy-Dense, High-Protein Formula Enriched With B-Hydroxy-B-Methylbutyrate, Fructo-Oligosaccharide, And Vitamin D For Enteral Feeding In The Icu: A Pilot Case-Control Study In Covid-19 Patients. *Nutrition*. 2023 Feb;106:111901.
89. Becker-Barroso E, Hart L. With Gratitude To Our Peer Reviewers In 2021. *Lancet Neurol*. 2022 Apr;21(4):302.