

DAFTAR PUSTAKA

1. Garland A, Olafson K, Ramsey CD, Yogendram M, Fransoo R. Epidemiology of critically ill patients in intensive care units: a population-based observational study. *Crit Care*.2013;17(5):R212.
2. Wironegoro R, Suhardi CJ, Maulydia, Wibisono S, Adi S, Rahmaweni R. The impact of thyroid hormone levels and APACHE II scores on the clinical outcome in critically ill patients. *Anaesthesia, Pain and Intensive Care*. 2024;28(3):416-422. doi:10.35975/apic.v28i3.2478
3. Xu Y, Xu K, Guo J, Fang M, Wang Z. Association between dynamic fluctuation in triiodothyronine levels and prognosis among critically ill patients within comprehensive intensive care unit. *Frontiers in endocrinology*. 2023 : 1-10.
4. Martini FH, Ober WC, Garrison CW, Welch K HR. The endocrine system. In: *Fundamentals of anatomy & physiology*. 7th ed. Published online 2006:606-611.
5. Kumar KVSH, Kapoor U, Kalia R, Chandra NSA, Singh P, Nangia R. Low triiodothyronine predicts mortality in critically ill patients. *Indian J Endocrinol Metab*. 2013;17(2):285. doi:10.4103/2230-8210.109715
6. Rothberger GD, Valestra PK, Knight K, Desai AK, Calixte R, Shapiro LE. Low free T3 is associated with worse outcomes in patients in the ICU requiring invasive mechanical ventilation. *J Intensive Care Med*. 2021;36(3):313-318.
7. Ronco C, Bellomo R, Kellum J, Ricci Z. *Critical Care Nephrology E-Book*. Elsevier health sciences; 2017.
8. Kayambankadzanja, RK, Schell CO, Wärnberg MG, et al. Towards definitions of critical illness and critical care using concept analysis. *BMJ Open*. 2022;12(9):1-11. doi:10.1136/bmjopen-2022-060972
9. Chandrashekar M, Shivaraj BM, Krishna VP. A study on prognostic value of serum cortisol in determining the outcome in the critically ill patients. *J Evol Med Dent Sci*. 2015;4(58):10130-10136.
10. Painter JR. Critical care in the surgical global period. *Chest*. 2013;143(3):851-855.
11. Rapsang AG, Shyam DC. Scoring systems in the intensive care unit: A compendium. *Indian Journal of Critical Care Medicine*. 2014;18(4):220-228. doi:10.4103/0972-5229.130573

12. Mumtaz H, Ejaz MK, Tayyab M, et al. APACHE scoring as an indicator of mortality rate in ICU patients: a cohort study. *Annals of Medicine and Surgery*. 2023;85(3):416-421. doi:10.1097/MS9.0000000000000264
13. Badtiya V, Rajpal A, Khanam B. Compariosn of APACHE II & IV scoring system in predicting the outcome of patient admitted in critical care unit. *Glob J Res Anal*. Published online September 15, 2024:190-194. doi:10.36106/gjra/7209954
14. Abdel Hay Ibrahim A, Youssif Kamel H, Wessam Aly W, Safwat Al-Araby M. Outcomes Prediction in Critically Ill Elderly Patients Using APACHE II, APACHE IV, and SOFA Scores. *The Egyptian Journal of Geriatrics and Gerontology*. 2023;10(2):153-165. doi:10.21608/ejgg.2023.350107
15. Langouche L, Van den Berghe G. Hypothalamic-pituitary hormones during critical illness: a dynamic neuroendocrine response. *Handb Clin Neurol* 2014;124:115-26
16. Téblick A, Langouche L, Van Den Berghe G. Anterior pituitary function in critical illness. *Endocr Connect*. 2019;8(8): 131-R143. doi:10.1530/EC-19-0318
17. Van Aerde N, Van Dyck L, Vanhorebeek I, Van den Berghe G. Endocrinopathy of the critically ill. In: *Post-Intensive Care Syndrome*. Springer; 2019:125-143.
18. Muges G, Giri D, Mondal S. Chemical Biology of Thyroid Hormones. *AsiaChem Magazine*. 2023;3(1). doi:10.51167/acm00048
19. Rousset B, Dupuy C, Miot F, Dumont J. *Chapter 2 Thyroid Hormone Synthesis And Secretion*. MDText.com, Inc., South Dartmouth (MA); 2000.
20. Jing L, Zhang Q. Intrathyroidal feedforward and feedback network regulating thyroid hormone synthesis and secretion. *Front Endocrinol (Lausanne)*. 2022;13(September):1-24. doi:10.3389/fendo.2022.992883
21. Too HC, Shibata M, Yayota M, Iwasawa A. Iodothyronine Deiodinases: Key Enzymes Behind the Action of Thyroid Hormone. *Reviews in Agricultural Science*. 2017;5(0):45-55. doi:10.7831/ras.5.45
22. Djokomoeljanto R. Kelenjar Tiroid, Hipotiroidisme, dan Hipertiroidisme. *Buku Ajar Ilmu Penyakit Dalam 5th ed Jakarta: Interna Publishing*. Published online 2009:1993-2008.
23. Mebis L, Van Den Berghe G. Thyroid axis function and dysfunction in critical illness. *Best Pract Res Clin Endocrinol Metab*. 2011;25(5):745-757. doi:10.1016/j.beem.2011.03.002

24. Pappa TA, Vagenakis AG, Alevizaki M. The non thyroidal illness syndrome in the non-critically ill patient. *Eur J Clin Invest.* 2011;41(2):212-20.
25. Warner MH, Beckett GJ. Mechanisms behind the non-thyroidal illness syndrome. *J Endocrinology.* 2010;205:1-13.
26. De Groot LJ. Non-thyroidal illness syndrome is a manifestation of hypothalamic-pituitary dysfunction, and in view of current evidence, should be treated with appropriate replacement therapies. *Crit Care Clin.* 2006;22:57-86.
27. Fliers E, Bianco AC, Langouche L, Boelen A. Thyroid function and critical ill patients. *Lancet Diabetes Endocrinol.* 2015;3:816-25.
28. Moura Neto A, Zantut-Wittmann DE. Abnormalities of Thyroid Hormone Metabolism during Systemic Illness: The Low T3 Syndrome in Different Clinical Settings. *Int J Endocrinol.* 2016;2016. doi:10.1155/2016/2157583
29. Peeters RP, Wouters PJ, Kaptein E, Van Toor H, Visser TJ, Van Den Berghe G. Reduced activation and increased inactivation of thyroid hormone in tissues of critically ill patients. *Journal of Clinical Endocrinology and Metabolism.* 2003;88(7):3202-3211. doi:10.1210/jc.2002-022013
30. Scoscia E, Baglioni S, Eslami A, Iervasi G, Monti S, Todisco T. Low triiodothyronine (T3) state: A predictor of outcome in respiratory failure? Results of a clinical pilot study. *Eur J Endocrinol.* 2004;151(5):557-560. doi:10.1530/eje.0.1510557
31. Wang F, Pan W, Wang H, Wang S, Pan S, Ge J. Relationship between thyroid function and ICU mortality: A prospective observation study. *Crit Care.* 2012;16(1):1-9. doi:10.1186/cc11151
32. Aroor AR, Bhat A, Roshan M. Correlation of thyroid hormone profile and acute physiology and chronic health evaluation II (APACHE II) score with the survival in sepsis in a tertiary care centre. *Asian J Med Sci.* 2021;12(2):19-24.
33. Prasad L, Bharadhi M, Varadarajan S, et al. Thyroid and Cortisol Changes in Critical Illness. *Texila International Journal of Public Health.* 2024;12(4). doi:10.21522/TIJPH.2013.12.04.Art044
34. Economidou F, Douka E, Tzanela M, Nanas S. Thyroid function during critical illness. *Hormones.* 2011;10(2):117-124.
35. Savvidis C, Ragia D, Kallistrou E, et.al. Critical illness-implication of non-thyroidal illness syndrome and thyroxine therapy. *WJCCM.* 2025; 14(3): 1-12.

36. Iervasi G, Pingitore A, Landi P, et al. Low-T3 syndrome: A strong prognostic predictor of death in patients with heart disease. *Circulation*. 2003;107(5):708-713. doi:10.1161/01.CIR.0000048124.64204.3F
37. Nascimento Pontes CD, da Rocha JLG, Rodrigues Medeiros JM, et al. Low T3 syndrome as a prognostic factor in patients in the intensive care unit: an observational cohort study. *Rev Bras Ter Intensiva*. 2022;34(2):262-271. doi:10.5935/0103-507X.20220024-en
38. Wismandari W, Soewondo P. Triiodotironin Sebagai Prediktor Perburukan klinis pada pasien Sepsis. *University Indonesia Library*. 2014
39. Brinkman S, de Jonge E, Abu-Hanna A, Arbous MS, de Lange DW, de Keizer NF. Mortality after hospital discharge in ICU patients. *Crit Care Med*. 2013;41(5):1229-1236.
40. Koperna T, Semler D, Marian F. Risk stratification in emergency surgical patients: is the APACHE II score reliable marker of physiological impairment?. *Arch Surg*. 2001; 136(1): 55-9
41. Ho KM, Dobb GJ, Knuiman M, et.al. A comparison of admission and worst 24-hour acute physiology and chronic health evaluation II score in predicting hospital mortality: a retrospective cohort study. *Critical Care*. 2006; 10: 1-8.