

DAFTAR PUSTAKA

- Agustina, R., Mandala, Z. and Indah, R.N. (2020) 'The Relationship of Serum Ferritin Levels with SGOT and SGPT Enzyme Levels in Major β Thalassemia Patients', *Juni*, 11(1), pp. 252–257. Available at: <https://doi.org/10.35816/jiskh.v10i2.258>.
- Alassaf, A. *et al.* (2021) '4th Edition 2021 Guidelines For The Management Of Transfusion Dependent Thalassaemia (TDT)', *Thalassemia International Federation*, pp. 1–351.
- Andreas, E.H. (2014) 'Gamma-Glutamyltransferase Sebagai Biomarker Risiko Penyakit Kardiovaskuler', *Cdk*, 41(11), p. 817.
- Anggraini, D.M. *et al.* (2017) *Hubungan Kadar Feritin Dengan Aktivitas Enzim SGOT Dan SGPT Pasien Thalassemia Di RSUD Abdul Moeloek Provinsi Lampung Tahun 2017*. Bandar Lampung.
- Bajwa, H. and Basit, H. (2023) *Thalassemia*. StatPearls Publishing, Treasure Island (FL). Available at: <http://europepmc.org/books/NBK545151>.
- Borgna-Pignatti, C. and Marsella, M. (2015) 'Iron Chelation in Thalassemia Major', *Clinical Therapeutics*, 37(12), pp. 2866–2877. Available at: <https://doi.org/10.1016/j.clinthera.2015.10.001>.
- Brennan, P.N., Dillon, J.F. and Tapper, E.B. (2022) 'Gamma-Glutamyl Transferase (γ -GT) – an old dog with new tricks?', *Liver International*. John Wiley and Sons Inc, pp. 9–15. Available at: <https://doi.org/10.1111/liv.15099>.
- Diasys (2011) 'Gamma-GT FS* Szasz mod./IFCC stand. Diagnostic reagent for quantitative in vitro determination of gamma-glutamyltransferase (gamma-GT) in serum or plasma on DiaSys respons ® 910 Order Information'. Available at: <https://proline.co.id/our-product/reagents/clinical-chemistry/gamma-gt-fs-szasz-mod-ifcc-stand/>.
- Dimitriou, F. *et al.* (2022) 'Management of Transfusion Dependent Thalassaemia (Tdt) a Short Guide', pp. 15–147.
- Dinkes Jakarta (2022) *Apa Itu Thalassemia?* Available at: <https://dinkes.jakarta.go.id/berita/read/apa-itu-thalassemia>.
- Elalfy, M.S. *et al.* (2013) 'Liver fibrosis in young Egyptian beta-thalassemia major patients: Relation to hepatitis C virus and compliance with chelation', *Annals of Hepatology*, 12(1), pp. 54–61. Available at: [https://doi.org/10.1016/s1665-2681\(19\)31385-7](https://doi.org/10.1016/s1665-2681(19)31385-7).
- Gandasoebrata, R. (2013) 'Penuntun Laboratorium Klinik', pp. 69–131.

- Giardine, B. *et al.* (2014) 'Updates of the HbVar database of human hemoglobin variants and thalassemia mutations', *Nucleic Acids Research*, 42(D1), pp. 1063–1069. Available at: <https://doi.org/10.1093/nar/gkt911>.
- Gumay, B.S. and Mustofa, S. (2020) 'Penggunaan Klinis Aktivitas Enzim Gamma-Glutamyl Transferase (GGT) Plasma dan Potensinya sebagai Biomarker untuk Berbagai Penyakit Clinical Use of Plasma Gamma-Glutamyl Transferase (GGT) Enzyme Activities and Their Potency as Biomarkers for Various Di', *Medical Journal Of Lampung University*, 9(1), pp. 167–173.
- Gupta, R. *et al.* (2018) 'Ineffective Erythropoiesis: Anemia and Iron Overload', *Hematology/Oncology Clinics of North America*, 32(2), pp. 213–221. Available at: <https://doi.org/10.1016/j.hoc.2017.11.009>.
- Hamza, H.Y., Al-Ziaydi, A.G. and Alzamili, A.H.H. (2024) 'The Exploring of Growth Differentiation Factor-15 and H63D Gene Polymorphisms in β -thalassemia Major: Implications for Cardiovascular Risk and Iron Overload', *Journal of Applied Hematology*, pp. 55–61. Available at: https://doi.org/10.4103/joah.joah_10_24.
- Hershko, C. (2010) 'Pathogenesis and management of iron toxicity in thalassemia', *Annals of the New York Academy of Sciences*, 1202, pp. 1–9. Available at: <https://doi.org/10.1111/j.1749-6632.2010.05544.x>.
- Horiba (2023) 'ABX Pentra 400'.
- Instruksi Kerja Alat Laboratorium Patologi Klinik (2012) 'Instruksi Kerja Centrifuge Hettich, Laboratorium Patologi Klinik, Bandar Lampung'.
- Irfan, I.Z. and Esfandiari, A. (2016) 'Aktivitas Aspartate Aminotransferase Dan Gamma Glutamyltransferase (Ggt) Pada Sapi Pejantan Unggul (The Activity of Aspartate Aminotransferase (AST) and Gamma Glutamyltransferase (GGT) on Bulls)', 16(1), pp. 11–17.
- Karimi, M. *et al.* (2016) 'The frequency of silent cerebral ischemia in patients with transfusion-dependent β -thalassemia major', *Annals of Hematology*, 95(1), pp. 135–139. Available at: <https://doi.org/10.1007/s00277-015-2508-7>.
- Karimi, M. *et al.* (2017) 'Correlation of serum ferritin levels with hepatic MRI T2 and liver iron concentration in nontransfusion beta-thalassemia intermediate patients: A contemporary issue', *Pediatric Hematology and Oncology*, 34(5), pp. 292–297. Available at: <https://doi.org/10.1080/08880018.2017.1400135>.
- Kemenkes (2022) *Talasemia Penyakit Keturunan, Hindari dengan Deteksi Dini, Kemenkes*. Available at: <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20220510/5739792/talasemia-penyakit-keturunan-hindari-dengan->

deteksi-dini/.

- Kusumo, D. (2024) 'Hubungan Transfusi Darah Berulang dan Kepatuhan Konsumsi Obat Kelasi Besi dengan Kadar Ferritin pada Pasien Thalasemia di Kota Depok', *Ilmu Kesehatan Masyarakat*, 13, pp. 283–289. Available at: <https://journals.stikim.ac.id/index.php/jikm>.
- Lal, A. and Vichinsky, E. (2023) 'The Clinical Phenotypes of Alpha Thalassemia', *Hematology/Oncology Clinics of North America*, 37(2), pp. 327–339. Available at: <https://doi.org/10.1016/j.hoc.2022.12.004>.
- Li, S. *et al.* (2015) 'The role of oxidative stress and antioxidants in liver diseases', *International Journal of Molecular Sciences*, 16(11), pp. 26087–26124. Available at: <https://doi.org/10.3390/ijms161125942>.
- Liansyah, T. and Herdata, N. (2018) 'Aspek Klinis dan Tatalaksana Thalassemia', *J. Ked N. Med*, pp. 63–68.
- Maharani & Noviar (2018) *Imunohematologi dan Bank Darah*.
- Mettananda, S. *et al.* (2019) 'Health related quality of life among children with transfusion dependent β -thalassaemia major and haemoglobin e β -thalassaemia in Sri Lanka: A case control study', *Health and Quality of Life Outcomes*, 17(1), pp. 1–13. Available at: <https://doi.org/10.1186/s12955-019-1207-9>.
- Mettananda, S. and Higgs, D.R. (2018) 'Molecular Basis and Genetic Modifiers of Thalassemia', *Hematology/Oncology Clinics of North America*, 32(2), pp. 177–191. Available at: <https://doi.org/10.1016/j.hoc.2017.11.003>.
- Nienhuis, A.W. and Nathan, D.G. (2012) 'Pathophysiology and clinical manifestations of the β -thalassemias', *Cold Spring Harbor Perspectives in Medicine*, 2(12), pp. 1–13. Available at: <https://doi.org/10.1101/cshperspect.a011726>.
- Nugraha & Badrawi (2018) *Pedoman Teknik Pemeriksaan LABORATORIUM KLINIK*. Available at: www.transinfotim.blogspot.com.
- Oswari & Aulia (2023) *Hubungan Frekuensi Transfusi Darah Dengan Fungsi Hati Pada Pasien Anak Thalassemia Mayor Di Rsmh Palembang*. Universitas Sriwijaya. Available at: <https://repository.unsri.ac.id/136885/>.
- Owiredun, W.K.B.A. *et al.* (2019) 'Evaluation of serum iron overload, AST:ALT ratio and log₁₀ferritin:AST ratio among schizophrenia patients in the Kumasi Metropolis, Ghana: A case-control study', *BMC Research Notes*, 12(1), pp. 2–7. Available at: <https://doi.org/10.1186/s13104-019-4847-2>.
- Paloma, I.D.A.N.C. (2023) 'Talasemia: sebuah Tinjauan Pustaka', *Biocity Journal*, 113(13), pp. 89–100. Available at: <https://doi.org/10.30.812/biocity.v1i2.2525>.

- Porter J.L. & Rawla P. (2024) *Hemochromatosis*. StatPearls. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK430862/>.
- Prof. Dr. Soekidjo Notoatmodjo (2018) 'Metodologi Penelitian Kesehatan', *Rineka Cipta*, pp. 1–242.
- Rachmilewitz, E.A. and Giardina, P.J. (2011) 'How I treat thalassemia', *Blood*, 118(13), pp. 3479–3488. Available at: <https://doi.org/10.1182/blood-2010-08-300335>.
- Ragab, S.M., Safan, M.A. and Badr, E.A. (2015) 'Study of serum haptoglobin level and its relation to erythropoietic activity in beta thalassemia children', *Mediterranean Journal of Hematology and Infectious Diseases*, 7(1). Available at: <https://doi.org/10.4084/mjhid.2015.019>.
- Rahmawati *et al.* (2023) 'Perbandingan Kadar Alanine Aminotransferase Berdasarkan Frekuensi Transfusi Darah Pasien Talasemia B Mayor Di Rsd Banjarbaru', *Jurnal Karya Generasi Sehat*, 1(1). Available at: <https://doi.org/10.31964/jkgs.v1i1.95>.
- Regar, J. (2013) 'Aspek Genetik Talasemia', *Jurnal Biomedik (Jbm)*, 1(3), pp. 151–158. Available at: <https://doi.org/10.35790/jbm.1.3.2009.829>.
- Ribeil Jean Antoine *et al.* (2013) 'Ineffective Erythropoiesis in β -Thalassemia', *The Scientific World Journal*, 2013, pp. 1–11.
- Rohimah, S. and Puspasari, F. (2020) 'Ketercapaian Tranfusi Pada Pasien Talasemia Mayor Di Rumah Sakit Umum Daerah Ciamis Tahun 2018', *Jurnal Keperawatan Galuh*, 2(1). Available at: <https://doi.org/10.25157/jkg.v2i1.3575>.
- Rujito, L. (2019) *Buku Referensi Talasemia : Genetik Dasar dan Pengelolaan Terkini*. 1st ed. Purwokerto: Universitas Jenderal Soedirman.
- Salama, K.M. *et al.* (2015) 'Liver enzymes in children with beta-Thalassemia major: Correlation with iron overload and viral hepatitis', *Open Access Macedonian Journal of Medical Sciences*, 3(2), pp. 287–292. Available at: <https://doi.org/10.3889/oamjms.2015.059>.
- Sanchez-Villalobos, M. *et al.* (2022) 'New Insights Into Pathophysiology of β -Thalassemia', *Frontiers in Medicine*, 9(April), pp. 1–10. Available at: <https://doi.org/10.3389/fmed.2022.880752>.
- Schumann, G. *et al.* (2002) 'IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 °C', *Clinical Chemistry and Laboratory Medicine*, 40(7), pp. 725–733.
- Sharif, Y. *et al.* (2021) 'Assessment of patients with β -thalassemia major, undergoing tertiary care at a regional thalassemia center in Pakistan', *Pakistan Journal of Zoology*, 53(1), pp. 245–250. Available at:

<https://doi.org/10.17582/JOURNAL.PJZ/20190630160603>.

- Singer, S.T. *et al.* (2000) 'Alloimmunization and erythrocyte autoimmunization in transfusion-dependent thalassemia patients of predominantly Asian descent', *Blood*, 96(10), pp. 3369–3373. Available at: <https://doi.org/10.1182/blood.v96.10.3369>.
- Soegiyono (2011) *Metode Penelitian Kuantitatif, Kualitatif dan R&D*.
- Steinberg, M.H. and Adams, J.G. (1983) 'Thalassemic hemoglobinopathies', *American Journal of Pathology*, 113(3), pp. 396–409.
- Sumiyati, M., Nurmansyah, D. and Wahyuni, R.A. (2024) 'The Correlation Between Duration Of Blood Transfusion And The Volume Of Transfused Blood Alanine Aminotransferase Levels In Pasiensts With Beta Thalassemia Major At Idaman Banjarbaru General Hospital In 2024'.
- Taher (2021) ' β -Thalassemias', *Journalism*, 11(3), pp. 369–373. Available at: <https://doi.org/10.1177/1461444810365020>.
- Taher, A.T. *et al.* (2008) 'Thalassemia and hypercoagulability', *Blood Reviews*, 22(5), pp. 283–292. Available at: <https://doi.org/10.1016/J.BLRE.2008.04.001>.
- Thavorncharoensap, M. *et al.* (2010) 'Factors affecting health-related quality of life in Thai children with thalassemia', *BMC Blood Disorders*, 10, pp. 1–10. Available at: <https://doi.org/10.1186/1471-2326-10-1>.
- Tintasias, Y. (2016) 'Dampak tranfusi pada thalassemia', *Academia*, pp. 1–19. Available at: https://www.academia.edu/30711182/DAMPAK_TRANFUSI_PADA_THALASSEMIA.
- Vichinsky, E. *et al.* (2015) 'Transfusion Complications in Thalassemia Patients : A Report from the CDC', *HHS Public Access*, 54(4), pp. 1–20. Available at: <https://doi.org/10.1111/trf.12348>.Transfusion.
- Whitfield, J.B. (2001) 'Gamma glutamyl transferase', *Critical Reviews in Clinical Laboratory Sciences*, 38(4), pp. 263–355. Available at: <https://doi.org/10.1080/20014091084227>.
- Wulan, L. (2018) 'Hubungan Kadar Feritin Dengan Aktivitas Enzim GGT (Gamma-Glutamyl Transferase) Pada Pasien Talasemia Di Rsud Dr. H. Abdul Moeloek Provinsi Lampung Tahun 2018'.
- Xing, M. *et al.* (2022) 'Characteristics of peripheral blood Gamma-glutamyl transferase in different liver diseases.', *Medicine*, 101(1), p. e28443. Available at: <https://doi.org/10.1097/MD.00000000000028443>.
- Yutarti, C.S. and Susilowati, I.T. (2023) 'Hubungan Kadar Feritin Serum dengan

Tes Fungsi Hati pada Pasien Thalasemia Mayor', *Jurnal Kesehatan*, 14(1), pp. 42–48. Available at: <https://doi.org/10.26630/jk.v14i1.3360>.