

DAFTAR PUSTAKA

Aedulla, N., & Baradhi, K. (2023). Reflux nephropathy. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK526055/>

Adeva-Andany MM, Carneiro-Freire N. Biochemical composition of the glomerular extracellular matrix in patients with diabetic kidney disease. *World Journal of Diabetes* 2022; 13(7): 498-520. DOI: 10.4239/wjd.v13.i7.498

Ahmed H. Abdelhafiz, Siobhan H.M. Brown, Aminu Bello, Meguid El Nahas; Chronic Kidney Disease in Older People: Physiology, Pathology or Both?. *Nephron Clinical Practice* 1 August 2010; 116 (1): c19–c24. <https://doi.org/10.1159/000314545>

Alfano G, Perrone R, Fontana F, Ligabue G, Giovanella S, Ferrari A, Gregorini M, Cappelli G, Magistrini R, Donati G. Rethinking Chronic Kidney Disease in the Aging Population. *Life*. 2022;12(11):1724

Ameer, O. Z. (2022). Hypertension in chronic kidney disease: What lies behind the scene. In *Frontiers in Pharmacology* (Vol. 13). *Frontiers Media S.A.* <https://doi.org/10.3389/fphar.2022.949260>

Ammirati, A. L. (2020). Chronic kidney disease. In *Revista da Associacao Medica Brasileira* (Vol. 66, pp. 3–9). *Associacao Medica Brasileira*. <https://doi.org/10.1590/1806-9282.66.S1.3>

Bonilla, D. A., Kreider, R. B., Stout, J. R., Forero, D. A., Kerksick, C. M., Roberts, M. D., & Rawson, E. S. (2021). *Metabolic Basis of Creatine in Health and Disease: A Bioinformatics-Assisted Review*.

Catania, J. M., Chen, G., & Parrish, A. R. (2007). *Role of matrix metalloproteinases in renal pathophysiologies*. <https://doi.org/10.1152/ajprenal.00421.2006>.

Chan, C. T., Blankestijn, P. J., Dember, L. M., Gallieni, M., Harris, D. C. H., Lok, C. E., Mehrotra, R., Stevens, P. E., Wang, A. Y. M., Cheung, M., Wheeler, D. C., Winkelmayr, W. C., Pollock, C. A., Abu-Alfa, A. K., Bargman, J. M., Bleyer, A. J., Brown, E. A., Davenport, A., Davies, S. J., ... Zakharova, E. (2019). Dialysis initiation, modality choice, access, and prescription: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Kidney International*, 96(1), 37–47. <https://doi.org/10.1016/j.kint.2019.01.017>

Chen, T. K., Knicely, D. H., & Grams, M. E. (2019). Chronic Kidney Disease Diagnosis and Treatment: A Review. In *JAMA - Journal of the American Medical Association* (Vol. 322, No. 3, pp. 1294–1304). *American Medical Association*. <https://doi.org/10.1001/jama.2019.14745>



Arwar, M. S. (2024). Diabetic Nephropathy: Pathogenesis, Mechanisms, and

Therapeutic Strategies. *Hormone and Metabolic Research*. DOI: 10.1055/a-2435-8264

Elbarbary, H. S., Ahmed, H. A., Koura, M. A., Al-adly, H. F., & Helwa, M. A. (2021). *Urinary Laminin an Early Marker of Renal Function Decline in Type 2 Diabetic Patients*. September.

Gadelkarim Ahmed, H., Saud Mohammed Alzayed, F., Khalaf Ali Albluwe, H., Ali Salem Alosayfir, Z., Yousef Jarallah Aljarallah, M., Kanan Alghazi, B. M., & Ali Ghazai Alshammari, M. (2019). Etiology of Chronic Kidney Disease (CKD) in Saudi Arabia. *International Journal of Medical Research & Health Sciences*, 8(5), 177–182. www.ijmrhs.com

Genovese, G., Venegoni, L., Fanoni, D., Muratori, S., Berti, E., & Marzano, A. V. (2019). Linear IgA bullous dermatosis in adults and children: A clinical and immunopathological study of 38 patients. *Orphanet Journal of Rare Diseases*, 14(1), 1–7. <https://doi.org/10.1186/s13023-019-1089-2>

Gliselda, V. (2021). Diagnosis dan Manajemen Penyakit Ginjal Kronis (PGK). *J Medika Utama*, 2(4). <http://jurnalmedikahutama.com>

Hohenester, E. (2019). Structural biology of laminins. *Essays Biochem*, 1–11.

Huan, L., Yuezhong, I. L., Chao, W., Tu, I. I., & li, H. (2016). The urine albumin-to-creatinine ratio is a reliable indicator for evaluating complications of chronic kidney disease and progression in IgA nephropathy in China. *Clinics*, 71(5), 243–250. [https://doi.org/10.6061/clinics/2016\(05\)01](https://doi.org/10.6061/clinics/2016(05)01)

Indrayanti, S., Ramadaniati, H., Anggriani, Y., Sarnianto, P., & Andayani, N. (2019). Risk Factors for Chronic Kidney Disease: A Case-Control Study in a District Hospital in Indonesia. *J Pharm Sci*, 7(11), 2549–2554.

KDIGO. (2023). KDIGO 2023 clinical practice guideline for the evaluation and management of chronic kidney disease.

KDIGO. (2024). KDIGO 2024 clinical practice guideline for the evaluation and management of chronic kidney disease. In *Kidney Int* (Vol. 105).

Keputusan Menkes RI. Nomor HK 01. 07 Menkes/1634/2023 tentang Pedoman Nasional Pelayanan Kedokteran Tata laksana Penyakit Ginjal Kronik <https://peraturan.infoasn.id/keputusan-menteri-kesehatan-nomor-hk-01-07-menkes-1634-2023/>

Khanna, R. (2011). Presentation & Management of Glomerular Diseases: Hematuria, Nephritic & Nephrotic Syndrome. *Missouri Med*.



zer W., Thevis M. (2015). Effects of Exercise on the Urinary Proteome. DOI: /978-94-017-9523-4_12121

:024). Primary Role of the Kidney in Pathogenesis of Hypertension. *Life*, 14(1), doi.org/10.3390/life14010119

Kim, D., W., Rhee, H. (2023). Interpretation of Estimated Glomerular Filtration Rate. *The Korean journal of medicine*. Vol. 98, Iss: 1, pp 45-51. <https://www.doi.org/10.3904/kjm.2023.98.1.45>

Kovesdy, C. P. (2022). Epidemiology of chronic kidney disease: an update 2022. In *Kidney International Supplements* (Vol. 12, Issue 1, pp. 7–11). Elsevier B.V. <https://doi.org/10.1016/j.kisu.2021.11.003>

Li, M., Cheng, A., Sun, J., Fan, C., & Meng, R. (2021). albumin - to - creatinine ratio as a biomarker to predict stroke : A meta - analysis and systemic review. *Brain Circulation*. <https://doi.org/10.4103/bc.bc>

Lizicarova, D., Krahulec, B., Hirnerova, E., Gaspar, L., & Celecova, Z. (2014). Risk factors in diabetic nephropathy progression at present. *Bratisl Lek Listy*, 115(8), 517–521. <https://doi.org/10.4149/BLL>

MacRae, C., Mercer, S. W., Guthrie, B., & Henderson, D. (2021). Comorbidity in chronic kidney disease: A large cross-sectional study of prevalence in Scottish primary care. *British Journal of General Practice*, 71(704), E243–E249 <https://doi.org/10.3399/bjgp20X714125>

Mahemuti, N., Zou, J., Liu, C., Xiao, Z., Liang, F., & Yang, X. (2023). Urinary Albumin-to-Creatinine Ratio in Normal Range , Cardiovascular Health , and All-Cause Mortality. *JAMA*, 6(12), 1–12. <https://doi.org/10.1001/jamanetworkopen.2023.48333>

Mendivil, C.,O., González, G., Parra, L.,J., H., Vargas, A., H., García, N., R., Merchán, L., A., A. (2023). MDRD is the eGFR equation most strongly associated with 4-year mortality among patients with diabetes in Colombia. *BMJ open diabetes research & care* - Vol. 11. <https://www.doi.org/10.1136/bmjdr-2023-003495>

Ming, L., Wang, D., & Zhu, Y. (2023). Association between urinary albumin - to - creatinine ratio within normal range and hypertension among adults in the United States : Data from the NHANES 2009 – 2018. *Clin Cardiol*, 46(1), 622–631. <https://doi.org/10.1002/clc.24012>

Neprasova, M., Maixnerova, D., Sparding, N., Genovese, F., Karsdal, M. A., Koprivova, H., Kollar, M., Suchanek, M., Hruskova, Z., & Tesar, V. (2023). Serum and Urine Biomarkers Related to Kidney Fibrosis Predict Kidney Outcome in Czech Patients with IgA Nephropathy. *Int J Mol Sci*, 24, 2064.

Nielsen, S., Rasmussen, D., Brix, S., Fenton, A., Jesky, M., Ferro, C., Karsdal, M., Genovese, F., & Cockwell, P. (2018). A novel biomarker of laminin turnover is associated with disease progression and mortality in chronic kidney disease. *Plos One*, 1–13.

NIH. (2010). Urine Albumin-to-Creatinine Ratio (UACR) Estimated Glomerular Filtration Rate (eGFR). *NIH*.



oyler, K. E., Rolland, C., Vaart, J. Van Der, & Grubb, E. B. (2018). Albuminuria, creatinine, and estimated glomerular filtration rate as predictors of cardio-renal outcomes in patients with type 2 diabetes mellitus and kidney disease : a systematic review. *BMC Nephrol*, 19, 1–13. <https://doi.org/10.1186/s12882-018-0821-9>

ah, C. (2020). Usefulness of urinary fibronectin and laminin as biomarkers of

glomerular injury in diabetics in. *J Diabet Endocrinol*, 11(June), 30–37.
<https://doi.org/10.5897/JDE2020.0137>

Provenzano, M., Hu, L., Abenavoli, C., Cianciolo, G., Coppolino, G., Nicola, L., D., Manna, G., L., Comai, G., Baraldi, O. (2024). Estimated glomerular filtration rate in observational and interventional studies in chronic kidney disease. *Journal of Nephrology*. Volume 37, pages 573–586. <https://www.doi.org/10.1007/s40620-024-01887-x>

Putera, A. S., Prasetyo, E., Oley, M. C., & Langi, F. L. F. G. (2021). Hubungan Kadar Laminin Serum dengan Tingkat Kesadaran Menurut Skor FOUR pada Pasien Cedera Otak Akibat Trauma. *E-Clinic*, 9(2), 504–508.

Putra, R., Perangin-angin, V., Ferdinand, S., & Tandanu, E. (2021). Description of serum urea and creatinine levels pre hemodialysis and post hemodialysis at Royal Prima Hospital in chronic kidney disease. *Arc Med Cas Rep*, 2(2), 118–122.

Rahman Rini. (2021). Karya Akhir Analisis kadar Laminin Urine Sebagai Penanda Dini Nefropati Diabetik pada Penderita DM Tipe 2. http://repository.unhas.ac.id/23897/2/C108216202_tesis_bab%201-2.pdf

Riskesdas 2018., 2018. Depkes.go.id. 2018. Available from:
[http://www.depkes.go.id/resources/download/info-terkini/hasilriskesdas 2018.pd](http://www.depkes.go.id/resources/download/info-terkini/hasilriskesdas%202018.pdf)

Rosa, H., & Parise, E. R. (2008). Is there a place for serum laminin determination in patients with liver disease and cancer? *World J Gastroenterol*, 14(23), 3628–3632.
<https://doi.org/10.3748/wjg.14.3628>

Setiati, S., Alwi, I., Sudoyo, A., Simadibrata, M., Setiyohadi, B., & Syam, A. (2014). Buku Ajar Ilmu Penyakit Dalam. *InternaPublishing*.

Shivhare, S., Dutta, P., Jain, A., Sharma, A. (2023). A comprehensive research investigation on uacr for the early detection of diabetic nephropathy in type 2 diabetes mellitus patients. Volume – 13. Issue – 11. PRINT ISSN No 2249 - 555X. DOI : 10.36106/ijar

Singh, A. K., Farag, Y. M. K., Mittal, B. V., Subramanian, K. K., Ram, S., Reddy, K., Acharya, V. N., Almeida, A. F., Channakeshavamurthy, A., Ballal, H. S., Gaccione, P., Issacs, R., Jasuja, S., Kirpalani, A. L., Kher, V., Modi, G. K., Nainan, G., & Prakash, J. (2013). Epidemiology and risk factors of chronic kidney disease in India – results from the SEEK (Screening and Early Evaluation of Kidney Disease) study. *BMC Nephrol*, 14, 1–10.

Sinha, S.K., Nicholas, S.B. (2023). Pathomechanisms of Diabetic Kidney Disease. *J. Clin. Med.* 2023, 12(23), 7349; <https://doi.org/10.3390/jcm12237349>

Sittampalam, G.S., Coussens, N.P., Brimacombe, K., Grossman, A., Arkin, M., Auld, D., et al. (2019). *Guidance manual*. Eli Lilly & Company and the National Center for Advancing Sciences Bethesda (MD). 229-230



M., Sy., D, Coulibaly, M., Diallo, D., Yattara, H., Fofana, A.S., Kodio, A., (2020). Prevalence des Micro et Macroalbuminuries chez les Diabetiques de Centre Hospitalier Universitaire du Point-G à Bamako. *HEALTH SCIENCES SEASES* - Vol. 21, Iss: 3. <https://www.hsd->

fmsb.org/index.php/hsd/article/download/1653/pdf_900

- Umboh, O., Moies, E., & Palar, S. (2023). The Effect of Anemia and Hypoalbuminemia on Six-Months Hospitalization Risk in End Stage Chronic Kidney Disease Patients Undergoing Hemodialysis: A Retrospective Cohort Study. *Acta Med Indones*, 55(2).
- Vaidya, S., & Aedulla, N. (2022). Chronic renal failure. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK535404/>
- Vosters TG, Kingma FM, et al. (2024) "Sex differences in CKD risk factors across ethnic groups" *Nephrol Dial Transplant*. 39: 1194–1197. <https://doi.org/10.1093/ndt/gfae038>
- Yamaguchi, J., Tanaka, T., & Nangaku, M. (2016). Recent advances in understanding of chronic kidney disease [version 1 ; referees : 3 approved] Referee Status : *F1000 Faculty Rev*, 4(May), 1–9. <https://doi.org/10.12688/f1000research.6970.1>
- Yang, J., & He, W. (2020). *Diagnosis and Treatment Chronic Kidney Disease*. Springer.
- Yanti Andi KE., Mamile R., Hidayati PH., Dwimartyono F., Sanna AT. (2022). Karakteristik Pasien Penyakit Ginjal Kronis di Rumah Sakit Ibnu Sina Makassar Tahun 2019-2021. *Wal'afiat Hospital Journal*, Vol. 03 No. 02: 126-138. <https://doi.org/10.1186/s12882-022-02932-2>
- Yosdimiyati L. (2021) "The Relationship between Microalbumin Levels and HbA1c in People at Risk for Type 2 Diabetes Mellitus" *Medicra*. 4:2. doi: 10.21070/medicra.v4i2.1612
- Yuwen, P., Chen, W., Lv, H., Feng, C., Li, Y., Zhang, T., Hu, P., Guo, J., Tian, Y., & Liu, L. (2017). Albumin and surgical site infection risk in orthopaedics: a meta-analysis. *BMC Surgery*. <https://doi.org/10.1186/s12893-016-0186-6>
- Weldegiorgis Misghina., Woodward Mark. Elevated triglycerides and reduced high-density lipoprotein cholesterol are independently associated with the onset of advanced chronic kidney disease: a cohort study of 911,360 individuals from the United Kingdom. *BMC Nephrology* (2022) 23:312 <https://doi.org/10.1186/s12882-022-02932-2>
- Wong Germaina, Jean Amélie Bernier, Rovin Brad, Ronco Pierre. Time for action: recognizing chronic kidney disease as a major noncommunicable disease driver of premature mortality. *Kidney International* (2024) 105, 1144–1146; <https://doi.org/10.1016/j.kint.2024.03.020>
- Zhang, A., Li, M., Qiu, J., Sun, J., Su, Y., Cai, S., & Bao, Q. (2022). The relationship between urinary albumin to creatinine ratio and all-cause mortality in the elderly population in the Chinese community: a 10-year follow-up study. *BMC Nephrology*, 1–10. <https://doi.org/10.1186/s12882-021-02644-z>



Zhang, A., Li, M., Qiu, J., Sun, J., Su, Y., Cai, S., & Bao, Q. (2022). The relationship between urinary albumin to creatinine ratio and all-cause mortality in the elderly population in the Chinese community: a 10-year follow-up study. *BMC Nephrology*, 1–10. <https://doi.org/10.1186/s12882-021-02644-z>

Y., Shen, D., Zhao, Y. (2024). Research on the temperature control of a line storage system based on improved adaptive LADRC. *Journal of Physics: Series 2806* (2024) 012023 IOP Publishing doi:10.1088/1742-012023