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- Abd Alazem EA, Eldin Galal RE, Ebrahim D, and Helmy R. Association between 25(OH) vitamin D status and anemia in children on regular hemodialysis. *Egyptian Pediatric Association Gazette* (2025) 73: 115.
- Abdelrahman AH, Abdelgadir EA, Khalid KM. Molecular study of hepcidin HAMP (-582A/G) gene polymorphisms and measurement of serum hepcidin level among Sudanese patients with anemia of chronic kidney disease. *Journal of DNA and RNA research* 2020, vol.1, 23-30.
- Al-Amer O, Alsharif KF. Frequency of the HAMP (c.-582A/G) polymorphism in iron deficiency in Saudi Arabia. *Pakistan Journal of Biological Science* 2021, 146-150.
- Atkinson MA, Martz K, Warady BA, Neu AM. Risk of anemia in pediatric chronic kidney disease patients: A report of NAPRTCS. *Pediatr. Nephrol* 2010, 25, 1699-1706.
- Atkinson MA, Kim JY, Roy CN, Warady BA, White CT, Furt SL. Hepcidin and risk for anemia in CKD: A Cross-sectional and longitudinal analysis in the CKID cohort. *Pediatr Nephrol.* 2015 April;30(4):635-643.
- Bacchetta J, Zaritsky JJ, Sea JL, Chun RF, Lisse TS, Zavala K, Nayak A, Wesseling-Perry K, Westerman M, Hollis BW, Salusky IB, Hewison M (2014) Suppression of iron-regulatory hepcidin by vitamin D. *J. Am Soc Nephrol* 25:564-572
- Canali S, Vecchi C, Garuti C, Montosi G, Babitt JL, Pietrangelo A. The SMAD pathway is required for hepcidin response during endoplasmic reticulum stress. *Endocrinology* 2016, 157, 3935-3945.
- Carlberg C. Vitamin D and pigmented skin. *Nutrients* (2022), 14(2), 325.
- Costa MR, Calvalcante JF. Current controversies on vitamin D levels in CKD. *International Journal of Molecular Sciences.* (2021) Vol 27:1;108.
- D'Angelo G. 2013. Role of hepcidin in the pathophysiology and diagnosis of anemia. *Blood Res* 3:48:10-5. Salehi-Tabar R et al. (2021) Vitamin D-regulated gene expression profile: species-specificity and cell-specific effects on metabolism and immunity. *Endocrine society, Endocrinology.* Vol.162, No.2, 1-18. doi:10.1210/endocr/bqaa218.

- Dimitrov V, Barbier C, Ismailova A, Wang Y, Dmowski K, Eleftheriadis T, Pissas G, Remoundou M, et al. Ferroportin in monocytes of hemodialysis patients and its association with hepcidin, inflammation, markers of iron status and resistance to erythropoietin. *Int Urol Nephrol* 2014;46:161-7
- Dyussenova SB, Gordiyenko M.Y, Serikova GB, Turlybekova SA, Issayeva AA, Yerimbetova NA, Goroshko VO. Vitamin D deficiency in children with chronic renal disease. *Open Access Maced J Med Sci*. 2021 Oct 20;9(B);1751-1757.
- Ganz T. Systemic iron homeostasis. *Physiol. Rev.* 2013, 93, 1721-1741.
- Golden CD, Mason JZ, Levis A, Rice BL, Allen LH, Hampel D et al. Prevalence of micronutrient deficiencies across diverse environments in rural Madagascar. *Front. Nutr.* (2024)11:1389080
- Goyal KK, Saha A, Sahi PK, Kaur M, Dubey NK, Goyal P, Upadhyay AD. Hepcidin and proinflammatory markers in children with chronic kidney disease: A case-control study. *Clinical Nephrology* 2018. Vol 89;363-370.
- Hidayati EL, Trihono PP. Admission characteristics of pediatric chronic kidney disease. *Paediatr Indones*, Vol.51, No.4, July 2011.
- Jairam A, Des R, Aggarwal PK, Kohli HS, Gupta KL, Sakhuja V, Jha V. Iron status, inflammation and hepcidin in ESRD patients: The confounding role of intravenous iron therapy. *Indian J. Nephrol* 2010, 20,125-131.
- Kamboj K, Yadav AK, Kumar V, Jha V. Effect of vitamin D supplementation on serum hepcidin levels in CKD. *Indian Journal of Nephrology* (2023) Vol.33; 6:474-480.
- Kari JA, El Dosoky SH, El-Moshedy SM, Habib HS. Vitamin D insufficiency and deficiency in children with chronic kidney disease. *Ann Saudi Med* 2012; 32(5):473-478.
- Kidney Disease: Improving Global Outcomes (KDIGO). (2012) KDIGO 2012 Clinical practice guideline for the evaluation and management of chronic kidney disease.
- Konamori Y, Murakami M, Sugiyama M, Hashimoto O, Matsui T, Funaba M. Interleukin-1 β (IL-1 β) transcriptionally activate hepcidin by inducing CCAAT

- enhancer-binding protein δ (C/EBP δ) expression in hepatocytes. *J. Biol. Chem.* 2017, 292, 10275-10287.
- Lee KH, Park E, Choi HJ, Kang HG, Ha IS, Cheong HI et al. Anemia and iron deficiency in children with chronic kidney disease (CKD): Data from the Know-Ped CKD study. *J. Clin. Med.* 2019, 8, 152; doi:103390/jcm8020152.
- Lee SW, Kim YH, Chung W et al. Serum hepcidin and iron indices affect anemia status differently according to the kidney function of non-dialysis chronic kidney disease patients: Korean cohort study for outcome in patients with chronic kidney disease (KNOW-CKD). *Kidney Blood Press Res* 2017;42:1183-92.
- Lukaszyk E, Lukaszyk M, Koc-Zorawska E, Tobolczyk J, Bodzenta-Lukaszyk A, Malyszko J. Iron status and inflammation in early stages of chronic kidney disease. *Kidney Blood Press. Res* 2015, 40, 366-373.
- Malyszko J, Koc-Zorawska E, Levin-Iaina N, Malyszko J, Kozminski P, Kobus G, Mysliwiec M. New parameters in iron metabolism and functional iron deficiency in patients on maintenance hemodialysis. *Pol. Arch. Med. Wewn* 2012, 122,537-542.
- Mercadal L, Metzger M, Haymann JP, et al. The relation of hepcidin to iron disorders, inflammation and hemoglobin in chronic kidney disease. *PloS One* 2014;9:e99781.
- Marchi-Silva R, De Aquino BM, Londe AC, Mazzola TN, Julio PR, Muskardin TQ, Appenzeller S. New insights on children lupus nephritis. *International Journal of Nephrology and Renovascular Disease* 2025:18 1-12.
- Muscogiuri G, Barrea L, Somma CD, Laudisio D, Salzano C, Pugliese G et al. Sex differences of vitamin D status across BMI classes: an observational prospective cohort study. *Nutrients* 2019;11:3034.
- Nadirah RR, Dasril D. Hubungan kadar *hepcidin* dengan status besi pada inflamasi akibat obesitas. *Sari Pediatri* 2014, Vol. 16, No. 3: 161-66.
- National library of medicine, National center for biotechnology information. HAMP hepcidin antimicrobial peptide [Homo sapiens (human)], October 2022.

- Paiva Lourencao LFD, Suano-Souza FI, Affonso Fonseca FL, Rodrigues Simoes TM, Da Silva R, Saccardo Sarni RO. Impact of inflammation on anemia in children: a cross-sectional study. *BMC Pediatrics* (2025) 25:272.
- Pistis KD, Westerbeg PA, Qureshi AR, Beshara S, Sterner G, Barany P, Linde T. The effect of high-dose vitamin D supplementation on hepcidin-25 and erythropoiesis in CKD. *BMC Nephrology*. (2023) Vol.24 :20.
- Pradipta L, Aras J, Rauf S. (2021) Correlation vitamin D and hepcidin serum levels in children with chronic kidney disease. (Tesis PPDS Universitas Hasanuddin).
- Reddy GC, Devaki R, Rao P. Iron indices in patients with functional anemia in chronic kidney disease. *EJIFCC* 2013;24:129-36.
- Rianthavorn P, Boonyapapong P (2013) Ergocalciferol decreases erythropoietin resistance in children with chronic kidney disease stage 5. *Pediatr Nephrol* 28:1261–1266
- Roemhild K, Von Maltzahn F, Wiskirchen R, Knuchel R, Von Stillfried S & Lammers T. (2021) Iron metabolism: pathophysiology and pharmacology. In *Trends in Pharmacological Sciences* (Vol. 42, Issue 8, pp. 640-656). Elsevier Ltd. <http://doi.org/10.1016/j.tips>. 2021.05.001
- Ruiz-Jaramillo Mde MA, Gizart-Mendoza JM, Amador-Licona N, Gutierrez-Nevarro Mde J, Hernandez-Gonzales MA, Dubey-Ortega LA, Solorio-Meza SE. Iron overload as cardiovascular risk factor in children and adolescents with renal disease. *Nephrol. Dial. Transplant*. 2011, 26, 3268-3273.
- Saraswati PD, Kurniawan Y, Kurniawan MR, Prasetyo RV, Ugrasena IDG, Soemyarso NA, Noer MS. Anemia in children with chronic kidney disease at Dr. Soetomo Hospital, Surabaya. *Paediatr Indones* 54(4) Suppl:231.
- Shahid Nadeem, Tangpricha V, Ziegler TR, Rhodes JE, Leong T, Xiang Y, Greenbaum LA. Randomized trial of two maintenance doses of vitamin D in children with chronic kidney disease. *Pediatric Nephrology* (2021).
- Sibel A *et al*. The hepcidin and 25-OH- vitamin D levels in obese children as a potensial mediator of the iron status. *Journal Clinical Laboratory* (2021) 200813.

- Sonkar SK, Singh NK, Sonker GK, Panday S, Bhosale V, Kumar A, Usman K. Association of Hepcidin and Anemia in Early Chronic Kidney Disease. *Saudi J Kidney Dis Transpl* 2019;30(2):315-324.
- Suchdev PS, Williams AM, Mei Z, Flores-Ayala R, Pasricha SR, Rogers LM, Namaste SM. Assessment of iron status in settings of inflammation: Challenges and potential approaches. *Am. J. Clin. Nutr* 2017, 106(Suppl. 6), 1626S-1633S.
- Swinkels DW, Wetzels JFM. Hepcidin: a new tool in the management of anemia in patients with chronic kidney disease?. *Nephrol Dial Transplant* 2008, 23:2450-2453.
- Tarancon-Diaz L, Iriante-Gahete M, Sanchez-mingo P, Munoz-Fernandex MA, Navarro-Gomez ML, Pacheco YM. Impact of obesity on iron metabolism and the effect of intravenous iron supplementation in obese patients with absolute iron deficiency. *Scientific reports* (2025) 15:1343.
- Tzu-Ching Lin, Yun Yeh H, Lin Tsai H, Hsuan Chiang P, Kai Kao Z, Yu Yang L, Chun Chen Y, Wen Chang J. Vitamin D deficiency and associated factors among children in a tertiary care hospital setting: A retrospective cohort study. *Journal of Chinese Medical Association*. (2025) 88:433-441.
- Ueda N, Takasawa K. Impact of inflammation on ferritin, hepcidin and the management of iron deficiency anemia in chronic kidney disease. *Nutrients* 2018, 10,1173;doi:10.3390/nu10091173.
- Voltan G, Cannito M, Ferrarese M, Ceccato F, Camozzi V (2023) Vitamin D: An overview of gene regulation, ranging from metabolism to genomic effects.
- Wang H, Yuan Tingting, Weihua Wu, Santao Ou. Vitamin D and chronic kidney disease: mechanisms, clinical implications, and future perspectives. *Frontiers in Medicine*, 2025. 12:1643415.
- Wierzbicka A, Oczkowicz M. Sex differences in vitamin D metabolism, serum levels and action. *British Journal of Nutrition* (2022), 128, 2115-2130.
- Zhao N, Zhang AS, Enns CA. Iron regulation by hepcidin. *J. Clin. Investg.* 2013, 123, 2337-2343.