DAFTAR PUSTAKA

Ardissino, G., Dacco, V., Testa, S., Bonaudo, R., Claris-Appiani, A., Taioli, E., Marra, G., Edefonti, A., Sereni, F., 2003. Epidemiology of Chronic Renal Failure in Children: Data From the ItalKid Project. *Pediatrics* 111: 382–7.

Bacchetta, J., Dubourg, L., Ranchin, B., Abou-jaoude, P., Arnaud, S., Carlier, M., Richard, M., Cochat, P., 2018. The Influence of Glomerular Filtration Rate and Age on Fibroblast Growth Factor 23 Serum Levels in Pediatric Chronic Kidney Disease. *J Clin Endocrinol Metab* 95: 1741–1748.

Baroncini, L.A.V., Sylvestre, L.C., Pecoits-Filho, R.F., 2015. Assessment of intima–media thickness in healthy children aged 1 to 15years old. *BBA Clin.* 3: 1–12.

Belay B, Belamarich P, R.A., 2004. Pediatric precursors of adult atherosclerosis. *Pediatr Rev.* 25: 4–16.

Braithwaite, V., Bruggraber, S.F.A., Prentice, A., 2013. Intact fibroblast growth factor 23 and fragments in plasma from Gambian children. *Osteoporos. Int.* 24: 1121–1124.

Chade, A.R., Lerman, A., Lerman, L.O., 2005. Kidney in Early Atherosclerosis. *Hypertension* 45: 1042–1049.

Charakida, M., Masi, S., Lüscher, T.F., Kastelein, J.J.P., Deanfield, J.E., 2010. Assessment of atherosclerosis: The role of flow-mediated dilatation. *Eur. Heart J.* 31: 2854–2861.

Coll, B., Betriu, Á., Martínez-Alonso, M., Borrs, M., Craver, L., Amoedo, M.L., Marco, M., Sarró, F., Junyent, M., Valdivielso, J.M., Fernández, E., 2010. Cardiovascular risk factors underestimate atherosclerotic burden in chronic kidney disease: Usefulness of non-invasive tests in cardiovascular assessment. *Nephrol. Dial. Transplant.* 25: 3017–3025.

Cui, S; Vaingakar, S., 2017. Stability of Fibroblast Growth Factor 23 in Human Plasma. *J Am Soc Nephrol* 23: 729–734.

Doyon, A., Kracht, D., Bayazit, A.K., Deveci, M., Duzova, A., Krmar, R.T., Litwin, M., Niemirska, A., Oguz, B., Schmidt, B.M.W., Sözeri, B., Querfeld, U., Melk, A., Schaefer, F., Wühl, E., Consortium, S., 2013. Carotid Artery Intima-Media Thickness and Distensibility in Children and Adolescents Reference Values and Role of Body Dimensions. *Hypertension* 62: 550–6.

Drüeke, T.B., Massy, Z.A., 2010. Atherosclerosis in CKD: Differences from the general population. *Nat. Rev. Nephrol.* 6: 723–735.

Epure, A.M., Leyvraz, M., Mivelaz, Y., Bernardo, S. Di, Costa, B.R., Chiolero, A., Sekarski, N., 2018. Risk factors and determinants of carotid intima-media thickness in children : protocol for a systematic review and meta-analysis. *BMJ Open* 0: 1–6.

Erben, R.G., Andrukhova, O., 2017. FGF23-Klotho signaling axis in the kidney. *Bone*.3:1-10

Erkoçoğlu, M., Özön, Z.A., Göçmen, R., Alikaşifoğlu, A., Gönç, N., 2013. Carotid intima media thickness in adolescents with increased risk for atherosclerosis. *Turk. J. Pediatr.* 55: 510–518.

Figurek, A., Spasovski, G., Popovic-Pejicic, S., 2018. FGF23 Level and Intima-Media Thickness Are Elevated From Early Stages of Chronic Kidney Disease. *Ther. Apher. Dial.* 22: 40–48.

Fiza, B., Prakash, J., Godara, S., Sinha, M., 2017. Association of Parathyroid Hormone with Markers of Bone-Mineral Metabolism in Patients of Chronic Kidney Disease with Secondary Hyperparathyroidism. *Int J Med Res Prof* 3: 4–9.

Fliser, D., Kollerits, B., Neyer, U., Ankerst, D.P., Lhotta, K., Lingenhel, A., Ritz, E., Kronenberg, F., Study, M., 2007. Fibroblast Growth Factor 23 (FGF23) Predicts Progression of Chronic Kidney Disease : The Mild to Moderate Kidney Disease (MMKD) Study. *J Am Soc Nephrol* 18: 2601–2608.

Garcia-Bello, J.A., Gómez-Díaz, R.A., Contreras-Rodríguez, A., Talavera, J.O., Mondragón-González, R., Sanchez-Barbosa, L., Diaz-Flores, M., Valladares-Salgado, A., Gallardo, J.M., Aguilar-Kitsu, A., Lagunas-Munoz, J., Wacher, N.H., 2014. Carotid intima media thickness, oxidative stress, and inflammation in children with chronic kidney disease. *Pediatr. Nephrol.* 29: 273–281.

Gheissari, A., Sirous, M., Hajzargarbashi, T., Kelishadi, R., Merrikhi, A., Azhir, A., 2010. Carotid intima-media thickness in children with end-stage renal disease on dialysis. *Indian J Nephrol* 20: 29–34.

Goldstein, S.L., Currier, H., Watters, L., Hempe, J.M., Sheth, R.D., Silverstein, D., 2003. Acute and chronic inflammation in pediatric patients receiving hemodialysis. *J. Pediatr.* 143: 653–657.

Groothoff, J.W., Lilien, M.R., van de Kar, N.C.J., Wolff, E.D., Davin, J.C., 2005. Cardiovascular disease as a late complication of end-stage renal disease in children. *Pediatr. Nephrol.*22:23-34

Gutiérrez, O.M., Januzzi, J.L., Isakova, T., Laliberte, K., Smith, K., Collerone, G., Sarwar, A., Hoffmann, U., Coglianese, E., Christenson, R., Wang, T.J., Wolf, M., 2009. Fibroblast Growth Factor 23 and Left Ventricular Hypertrophy in Chronic Kidney Disease. *Circulation* 119: 2545–2552.

Hao, L., Chang, X., Fu, Y., He, Z., 2016. Vascular and Cardiac Valve Calcification in Chronic Kidney Disease. *Atheroscler open access* 1: 1–6.

Harambat, J., Van Stralen, K.J., Kim, J.J., Tizard, E.J., 2012. Epidemiology of chronic kidney disease in children. *Pediatr. Nephrol.*8:9-21

Hennerici, P.-J.., Csiba, S.M., 2007. Mannheim Carotid Intima-Media Thickness Consensus (2004 – 2006). *Cerebrovasc Dis* 20: 75–80.

Isakova, T., Wahl, P., Vargas, G.S., Gutiérrez, O.M., Scialla, J., Xie, H., Appleby, D., Nessel, L., Bellovich, K., Chen, J., Hamm, L., Gadegbeku, C., Horwitz, E., Townsend, R.R., Anderson, C.A.M., Lash, J.P., Hsu, C., Leonard, M.B., Wolf, M., 2011a. Fibroblast growth factor 23 is elevated before parathyroid hormone and phosphate in chronic kidney disease. *Kidney Int.* 79: 1370–1378.

Isakova, T., Wahl, P., Vargas, G.S., Gutiérrez, O.M., Scialla, J., Xie, H., Appleby, D., Nessel, L., Bellovich, K., Chen, J., Hamm, L., Gadegbeku, C., Horwitz, E., Townsend, R.R., Anderson, C.A.M., Lash, J.P., Hsu, C.Y., Leonard, M.B., Wolf, M., 2011b. Fibroblast growth factor 23 is elevated before parathyroid hormone and phosphate in chronic kidney disease. *Kidney Int.* 79: 1370–1378.

Isakova, T., Xie, H., Yang, W., Xie, D., Anderson, A.H., Scialla, J., Wahl, P., Gutierrez, O.M., Steigerwalt, S., He, J., Schwartz, S., Lo, J., Ojo, A., Sondheimer, J., Hsu, C.Y., Lash, J., Leonard, M., Kusek, J.W., Feldman, H.I., Wolf, M., Chronic Renal Insufficiency Cohort Study, G., 2011c. Fibroblast growth factor 23 and risks of mortality and end-stage renal disease in patients with chronic kidney disease. *JAMA* 305: 2432–2439.

Järvisalo, M.J., Jartti, L., Näntö-Salomnen, K., Irjala, K., Rönnemaa, T., Hartiala, J.J., Celermajer, D.S., Raitakari, O.T., 2001. Increased Aortic Intima-Media Thickness. *Circulation* 104: 2943–2947.

KDIGO, 2013. KDIGO 2012 Clinical Practice Guideline for the Evaluation and Management of Chronic Kidney Disease. *Kidney Int.* 3: Supplement.

Kidney Disease: Improving Global Outcomes (KDIGO) CKD-MBD Work Group, 2009. KDIGO clinical practice guideline for the diagnosis, evaluation, prevention, and treatment of Chronic Kidney Disease-Mineral and Bone Disorder (CKD-MBD). *Kidney Int. Suppl.* 2: 1–130.

Koçyİğİt, A., Doğan, M., Yilmaz, İ., Çağlar, M., Hatİpoğlu, C., 2014. Relation of age and sex with carotid intima media thickness in healthy children. *Turkish J. Med. Sci.* 72: 422–426.

Liu, D., Alvarez-elías, A.C., Wile, B., Belostotsky, V., Filler, G., 2017. Deviations from the expected relationship between serum FGF23 and other markers in children with CKD : a cross-sectional study. *BMC Nephrol.* 18: 1–10.

Liu, S., Quarles, L.D., 2007. How Fibroblast Growth Factor 23 Works. *J. Am. Soc. Nephrol.* 18: 1637–1647.

Lopes, R., Morais, M.B. de, Oliveira, F.L.C., Brecheret, A.P., Abreu, A.L.C.S., Andrade, M.C. de, 2018. Evaluation of carotid intima-media thickness and factors associated with cardiovascular disease in children and adolescents with chronic kidney disease. *J. Pediatr. (Rio. J).* 1–9.

Lu, X., Hu, C., 2017. Chronic Kidney Disease-Mineral and Bone Disorder : Review Klotho / FGF23 Axis in Chronic Kidney. *Kidney Dis* 3: 15–23.

Mirza, M.A.I., Larsson, A., Lind, L., Larsson, T.E., 2009. Circulating fibroblast growth factor-23 is associated with vascular dysfunction in the community. *Atherosclerosis* 205: 385–390.

Muhaisen, R.M., Sharif, F.A., Yassin, M.M., 2012. Risk factors of cardiovascular disease among children with chronic kidney disease in Gaza strip. *J. Cardiovasc. Dis. Res.* 3: 91–98.

Negri, A.L., 2014. Fibroblast growth factor 23: Associations with cardiovascular disease and mortality in chronic kidney disease. *Int. Urol. Nephrol.* 46: 9–17.

Noto, N., Kato, M., Abe, Y., Kamiyama, H., Karasawa, K., Ayusawa, M., 2015. Reassessment of carotid intima - media thickness by standard deviation score in children and adolescents after Kawasaki disease. *Springerplus* 4: 1–7.

O'Leary, D.H., Bots, M.L., 2010. Imaging of atherosclerosis: Carotid intima-media thickness. *Eur. Heart J.* 31: 1682–1689.

Oliveira, R.B., Cancela, A.L.E., Graciolli, F.G., Reis, L.M. Dos, Draibe, A., Cuppari, L., Carvalho, A.B., Jorgetti, V., Canziani, M.E., Moyse, R.M.A., 2010. Early Control of PTH and FGF23 in Normophosphatemic CKD Patients : A New Target in CKD-MBD Therapy ? *Clin J Am Soc Nephrol 5* 5: 286–91.

Pardede, S., Chunnaedy, S., 2009. Penyakit Ginjal Kronik. *Sari Pediatr.* 11: 1035–1040.

Portale, A.A., Wolf, M., Jüppner, H., Messinger, S., Kumar, J., Wesseling-Perry, K., Schwartz, G.J., Furth, S.L., Warady, B.A., Salusky, I.B., 2014. Disordered FGF23 and mineral metabolism in children with CKD. *Clin. J. Am. Soc. Nephrol.* 9: 344–353.

Portale, A.A., Wolf, M., Jüppner, H., Messinger, S., Kumar, J., Wesseling-Perry, K., Schwartz, G.J., Furth, S.L., Warady, B.A., Salusky, I.B., 2014. Disordered FGF23 and mineral metabolism in children with CKD. *Clin. J. Am. Soc. Nephrol.* 9: 344–353.

Portale, A.A., Wolf, M.S., Messinger, S., Perwad, F., Jüppner, H., Warady, B.A., Furth, S.L., Salusky, I.B., 2016. Fibroblast growth factor 23 and risk of CKD progression in children. *Clin. J. Am. Soc. Nephrol.* 11: 1989–1998.

Pulupessy, J., 1994. Penyakit jantung koroner, in: Buku Ajar Kardiologi Anak. Ikatan Dokter Anak Indonesia, Jakarta, pp. 404–15.

Qureshi, G., Brown, R., Salciccioli, L., Qureshi, M., Rizvi, S., Farhan, S., Lazar, J., 2007. Relationship between aortic atherosclerosis and non-invasive measures of arterial stiffness. *Atherosclerosis* 195: 190–194.

R, Oke Rina, Rosmayanti, Ramayati R, R., 2013. Luaran Pasien Anak dengan Gagal Ginjal Terminal. *Sari Pediatr.* 14: 277–282.

Recio-Mayoral, A., Banerjee, D., Streather, C., Kaski, J.C., 2011. Endothelial dysfunction, inflammation and atherosclerosis in chronic kidney disease - a cross-sectional study of predialysis, dialysis and kidney-transplantation patients. *Atherosclerosis* 216: 446–451.

Salusky, I.B., Wesseling-Perry, K., Salusky, I.B., 2013. Chronic Kidney Disease : Mineral and Bone Disorder in Children. *YSNEP* 33: 169–179.

Scialla, J.J., Lau, W.L., Reilly, M.P., Isakova, T., Yang, H.Y., Crouthamel, M.H., Chavkin, N.W., Rahman, M., Wahl, P., Amaral, A.P., Hamano, T., Master, S.R., Nessel, L., Chai, B., Xie, D., Kallem, R.R., Chen, J., Lash, J.P., Kusek, J.W., Budoff, M.J., Giachelli, C.M., Wolf, M., 2013. Fibroblast growth factor 23 is not associated with and does not induce arterial calcification. *Kidney Int.* 83: 1159–1168.

Shioi, A., Nishizawa, Y., 2009. Vascular Calcification in Chronic Kidney Disease: Pathogenesis and Clinical Implications. *J. Ren. Nutr.* 19: 78–81.

Silverstein, D.M., 2009. Inflammation in chronic kidney disease: Role in the progression of renal and cardiovascular disease. *Pediatr. Nephrol.* 24: 1445–1452.

Smith, E.R., McMahon, L.P., Holt, S.G., 2014. Fibroblast growth factor 23. *Ann. Clin. Biochem.*23:2-6

Spiotta, R.T., Luma, G.B., 2008. Evaluating obesity and cardiovascular risk factors in children and adolescents. *Am. Fam. Physician* 78: 1052–1058.

Stein, J.H., Korcarz, C.E., Hurst, R.T., Lonn, E., Kendall, C.B., Mohler, E.R., Najjar, S.S., Rembold, C.M., Post, W.S., 2008. Use of Carotid Ultrasound to Identify Subclinical Vascular Disease and Evaluate Cardiovascular Disease Risk : A Consensus Statement from the American Society of Echocardiography Carotid Intima-Media Thickness Task Force Endorsed by the Society for Vascula. *J. Am. Soc. Echocardiogr.* 53792: 93–111.

Tomasello, S., 2008. Secondary hyperparathyroidism and chronic kidney disease. *Diabetes Spectr.*2:1-10

Van Husen, M., Fischer, A.K., Lehnhardt, A., Klaassen, I., Möller, K., Müller-Wiefel, D.E., Kemper, M.J., 2010. Fibroblast growth factor 23 and bone metabolism in children with chronic kidney disease. *Kidney Int.* 78: 200–206.

Vervloet, M., Cozzolino, M., 2017. Vascular calcification in chronic kidney disease: different bricks in the wall? *Kidney Int.* 91: 808–817.

Wesseling-Perry, K., Salusky, I.B., 2013. Chronic Kidney Disease: Mineral and Bone Disorder in Children. *Semin. Nephrol.* 33: 169–179.

Wesseling, K., Bakkaloglu, S., Salusky, I., 2008. Chronic kidney disease mineral and bone disorder in children. *Pediatr. Nephrol.* 23: 195–207.

Wetmore, J.B., Liu, S., Krebill, R., Menard, R., Quarles, L.D., 2010. Effects of Cinacalcet and Concurrent Low-Dose Vitamin D on FGF23 Levels in ESRD. *Clin J Am Soc Nephrol* 5: 110–116.

Yang, X., Liaw, L., Prudovsky, I., Brooks, P.C., Vary, C., Oxburgh, L., Friesel, R., 2015. Fibroblast Growth Factor Signaling in the Vasculature. *Curr. Atheroscler. Rep.*3:1-15

Zhang, M., Yan, J., Zhu, M., Ni, Z., 2015. Fibroblast Growth Factor 23 Predicts Coronary Calcification and Poor Prognosis in Patients with Chronic Kidney Disease Stages 3-5D. *Ann. Clin. Lab. Sci.* 45: 17–22.