

DAFTAR PUSTAKA

- Barbu, M., Hjärpe, A., Martinsson, A., Dellgren, G., Ricksten, S., Lannemyr, L., Pivodic, A., Taha, A., & Jeppsson, A. (2023). Cardiopulmonary bypass management and acute kidney injury in cardiac surgery patients. *Acta Anaesthesiologica Scandinavica*, aas.14357. <https://doi.org/10.1111/aas.14357>
- Bell, S., Rennie, T., Marwick, C. A., & Davey, P. (2018). Effects of peri-operative nonsteroidal anti-inflammatory drugs on post-operative kidney function for adults with normal kidney function. *The Cochrane Database of Systematic Reviews*, 11(11), CD011274. <https://doi.org/10.1002/14651858.CD011274.pub2>
- Bhirowo, Y. P., Raksawardana, Y. K., Setianto, B. Y., Sudadi, S., Tandean, T. N., Zaharo, A. F., Ramsi, I. F., Kusumawardani, H. T., & Triyono, T. (2023). Hemolysis and cardiopulmonary bypass: Meta-analysis and systematic review of contributing factors. *Journal of Cardiothoracic Surgery*, 18(1), 291. <https://doi.org/10.1186/s13019-023-02406-y>
- Borasino, S., Kalra, Y., Elam, A. R., Carlisle O'Meara, L., Timpa, J. G., Goldberg, K. G., Collins Gaddis, J. L., & Alten, J. A. (2018). Impact of Hemolysis on Acute Kidney Injury and Mortality in Children Supported with Cardiac Extracorporeal Membrane Oxygenation. *The Journal of Extra-Corporeal Technology*, 50(4), 217–224.
- Buehler, P. W., Humar, R., & Schaer, D. J. (2020). Haptoglobin Therapeutics and Compartmentalization of Cell-Free Hemoglobin Toxicity. *Trends in Molecular Medicine*, 26(7), 683–697. <https://doi.org/10.1016/j.molmed.2020.02.004>
- Chen, J., Chang, C., Wu, V. C., Chang, S., Hung, K., Chu, P., & Chen, S. (2021). Long- Term Outcomes of Acute Kidney Injury After Different Types of Cardiac Surgeries: A Population- Based Study. *Journal of the American Heart Association*, 10(9), e019718. <https://doi.org/10.1161/JAHA.120.019718>
- Corredor, C., Thomson, R., & Al-Subaie, N. (2016). Long-Term Consequences of Acute Kidney Injury After Cardiac Surgery: A Systematic Review and Meta-Analysis. *Journal of Cardiothoracic and Vascular Anesthesia*, 30(1), 69–75. <https://doi.org/10.1053/j.jvca.2015.07.013>
- Dahlan, S. (2020). *Besar Sampel dalam Penelitian Kedokteran dan Kesehatan* (Vol. 5). PT Epidemiologi Indonesia.
- Davenport, M. S., Perazella, M. A., & Nallamothu, B. K. (2023). Contrast-Induced Acute Kidney Injury and Cardiovascular Imaging: Danger or Distraction? *Circulation*, 147(11), 847–849. <https://doi.org/10.1161/CIRCULATIONAHA.122.062783>
- Deuel, J. W., Schaer, C. A., Boretti, F. S., Opitz, L., Garcia-Rubio, I., Baek, J. H., Spahn, D. R., Buehler, P. W., & Schaer, D. J. (2016). Hemoglobinuria-related acute kidney injury is driven by intrarenal oxidative reactions triggering a heme toxicity response. *Cell Death & Disease*, 7(1), e2064–e2064. <https://doi.org/10.1038/cddis.2015.392>

- Feng, C., Naik, B. I., Xin, W., Ma, J. Z., Scalzo, D. C., Thammishetti, S., Thiele, R. H., Zuo, Z., & Raphael, J. (2017). Haptoglobin 2-2 Phenotype Is Associated With Increased Acute Kidney Injury After Elective Cardiac Surgery in Patients With Diabetes Mellitus. *Journal of the American Heart Association*, 6(10), e006565. <https://doi.org/10.1161/JAHA.117.006565>
- Ferreiro, A., & Lombardi, R. (2017). Acute kidney injury after cardiac surgery is associated with mid-term but not long-term mortality: A cohort-based study. *PLOS ONE*, 12(7), e0181158. <https://doi.org/10.1371/journal.pone.0181158>
- Fuhrman, D. Y., & Kellum, J. A. (2017). Epidemiology and pathophysiology of cardiac surgery-associated acute kidney injury. *Current Opinion in Anaesthesiology*, 30(1), 60–65. <https://doi.org/10.1097/ACO.0000000000000412>
- Fujii, T., Uchino, S., Takinami, M., & Bellomo, R. (2014). Validation of the Kidney Disease Improving Global Outcomes Criteria for AKI and Comparison of Three Criteria in Hospitalized Patients. *Clinical Journal of the American Society of Nephrology*, 9(5), 848–854. <https://doi.org/10.2215/CJN.09530913>
- Gameiro, J., Agapito Fonseca, J., Jorge, S., & Lopes, J. (2018). Acute Kidney Injury Definition and Diagnosis: A Narrative Review. *Journal of Clinical Medicine*, 7(10), 307. <https://doi.org/10.3390/jcm7100307>
- Graw, J. A., Hildebrandt, P., Krannich, A., Balzer, F., Spies, C., Francis, R. C., Kuebler, W. M., Weber-Carstens, S., Menk, M., & Hunsicker, O. (2022). The role of cell-free hemoglobin and haptoglobin in acute kidney injury in critically ill adults with ARDS and therapy with VV ECMO. *Critical Care*, 26(1), 50. <https://doi.org/10.1186/s13054-022-03894-5>
- Gritti, M. N., Farid, P., Manlhiot, C., Noone, D., Sakha, S., Ali, S., Bernknopf, B., & McCrindle, B. W. (2023). Factors Associated With Acute Kidney Injury After Cardiopulmonary Bypass in Children. *CJC Pediatric and Congenital Heart Disease*, 2(1), 20–29. <https://doi.org/10.1016/j.cjpcp.2022.11.007>
- Han, S. J., & Lee, H. T. (2019). Mechanisms and therapeutic targets of ischemic acute kidney injury. *Kidney Research and Clinical Practice*, 38(4), 427–440. <https://doi.org/10.23876/j.krcp.19.062>
- Harky, A., Joshi, M., Gupta, S., Yi Teoh, W., Gatta, F., & Snosi, M. (2020). Acute Kidney Injury Associated with Cardiac Surgery: A Comprehensive Literature Review. *Brazilian Journal of Cardiovascular Surgery*, 35(2). <https://doi.org/10.21470/1678-9741-2019-0122>
- Helms, C. C., Gladwin, M. T., & Kim-Shapiro, D. B. (2018). Erythrocytes and Vascular Function: Oxygen and Nitric Oxide. *Frontiers in Physiology*, 9, 125. <https://doi.org/10.3389/fphys.2018.00125>
- Hirooka, Y., & Nozaki, Y. (2021). Interleukin-18 in Inflammatory Kidney Disease. *Frontiers in Medicine*, 8, 639103. <https://doi.org/10.3389/fmed.2021.639103>
- Hokka, M., Egi, M., Kubota, K., & Mizobuchi, S. (2021). Perioperative Serum Free Hemoglobin and Haptoglobin Levels in Valvular and Aortic Surgery With Cardiopulmonary Bypass: Their Associations With Postoperative Kidney

- Injury. *Journal of Cardiothoracic and Vascular Anesthesia*, 35(11), 3207–3214. <https://doi.org/10.1053/j.jvca.2021.04.029>
- Hou, K., Chen, Q., Zhu, X., Shen, X., Zou, L., Mu, X., & Sun, X. (2021). Correlation Between Vasoactive-Inotropic Score and Postoperative Acute Kidney Injury after Cardiovascular Surgery. *The Heart Surgery Forum*, 24(2), E282–E292. <https://doi.org/10.1532/hcf.3537>
- Hu, J., Chen, R., Liu, S., Yu, X., Zou, J., & Ding, X. (2016). Global Incidence and Outcomes of Adult Patients With Acute Kidney Injury After Cardiac Surgery: A Systematic Review and Meta-Analysis. *Journal of Cardiothoracic and Vascular Anesthesia*, 30(1), 82–89. <https://doi.org/10.1053/j.jvca.2015.06.017>
- Hu, J., Rezoagli, E., Zadek, F., Bittner, E. A., Lei, C., & Berra, L. (2021). Free Hemoglobin Ratio as a Novel Biomarker of Acute Kidney Injury After On-Pump Cardiac Surgery: Secondary Analysis of a Randomized Controlled Trial. *Anesthesia & Analgesia*, 132(6), 1548–1558. <https://doi.org/10.1213/ANE.0000000000005381>
- Jing, H., Liao, M., Tang, S., Lin, S., Ye, L., Zhong, J., Wang, H., & Zhou, J. (2022). Predicting the risk of acute kidney injury after cardiopulmonary bypass: Development and assessment of a new predictive nomogram. *BMC Anesthesiology*, 22(1), 379. <https://doi.org/10.1186/s12871-022-01925-w>
- Kanji, H. D., Schulze, C. J., Hervas-Malo, M., Wang, P., Ross, D. B., Zibdawi, M., & Bagshaw, S. M. (2010). Difference between pre-operative and cardiopulmonary bypass mean arterial pressure is independently associated with early cardiac surgery-associated acute kidney injury. *Journal of Cardiothoracic Surgery*, 5(1), 71. <https://doi.org/10.1186/1749-8090-5-71>
- Karkouti, K., Grocott, H. P., Hall, R., Jessen, M. E., Kruger, C., Lerner, A. B., MacAdams, C., Mazer, C. D., De Medicis, É., Myles, P., Ralley, F., Rheault, M. R., Rochon, A., Slaughter, M. S., Sternlicht, A., Syed, S., & Waters, T. (2015). Interrelationship of preoperative anemia, intraoperative anemia, and red blood cell transfusion as potentially modifiable risk factors for acute kidney injury in cardiac surgery: A historical multicentre cohort study. *Canadian Journal of Anesthesia/Journal Canadien d'anesthésie*, 62(4), 377–384. <https://doi.org/10.1007/s12630-014-0302-y>
- Kellum, J. A., Romagnani, P., Ashuntantang, G., Ronco, C., Zarbock, A., & Anders, H.-J. (2021). Acute kidney injury. *Nature Reviews Disease Primers*, 7(1), 52. <https://doi.org/10.1038/s41572-021-00284-z>
- Kerchberger, V. E., & Ware, L. B. (2020). The Role of Circulating Cell-Free Hemoglobin in Sepsis-Associated Acute Kidney Injury. *Seminars in Nephrology*, 40(2), 148–159. <https://doi.org/10.1016/j.semnephrol.2020.01.006>
- Khawaja, A. (2012). KDIGO Clinical Practice Guidelines for Acute Kidney Injury. *Nephron Clinical Practice*, 120(4), c179–c184. <https://doi.org/10.1159/000339789>
- Kim-Campbell, N., Gretchen, C., Callaway, C., Felmet, K., Kochanek, P. M., Maul, T., Wearden, P., Sharma, M., Viegas, M., Munoz, R., Gladwin, M. T., & Bayir, H. (2017). Cell-Free Plasma Hemoglobin and Male Gender Are Risk

- Factors for Acute Kidney Injury in Low Risk Children Undergoing Cardiopulmonary Bypass: *Critical Care Medicine*, 45(11), e1123–e1130. <https://doi.org/10.1097/CCM.0000000000002703>
- Kumar, A. B., Suneja, M., Bayman, E. O., Weide, G. D., & Tarasi, M. (2012). Association Between Postoperative Acute Kidney Injury and Duration of Cardiopulmonary Bypass: A Meta-Analysis. *Journal of Cardiothoracic and Vascular Anesthesia*, 26(1), 64–69. <https://doi.org/10.1053/j.jvca.2011.07.007>
- Lagny, M.-G., Jouret, F., Koch, J.-N., Blaffart, F., Donneau, A.-F., Albert, A., Roediger, L., Krzesinski, J.-M., & Defraigne, J.-O. (2015). Incidence and outcomes of acute kidney injury after cardiac surgery using either criteria of the RIFLE classification. *BMC Nephrology*, 16, 76. <https://doi.org/10.1186/s12882-015-0066-9>
- Lau, D., Pannu, N., James, M. T., Hemmelgarn, B. R., Kieser, T. M., Meyer, S. R., & Klarenbach, S. (2021). Costs and consequences of acute kidney injury after cardiac surgery: A cohort study. *The Journal of Thoracic and Cardiovascular Surgery*, 162(3), 880–887. <https://doi.org/10.1016/j.jtcvs.2020.01.101>
- Liu, D., Liu, B., Liang, Z., Yang, Z., Ma, F., Yang, Y., & Hu, W. (2021). Acute Kidney Injury following Cardiopulmonary Bypass: A Challenging Picture. *Oxidative Medicine and Cellular Longevity*, 2021, 1–13. <https://doi.org/10.1155/2021/8873581>
- Lopez, M. G., Shotwell, M. S., Morse, J., Liang, Y., Wanderer, J. P., Absi, T. S., Balsara, K. R., Levack, M. M., Shah, A. S., Hernandez, A., & Billings, F. T. (2021). Intraoperative venous congestion and acute kidney injury in cardiac surgery: An observational cohort study. *British Journal of Anaesthesia*, 126(3), 599–607. <https://doi.org/10.1016/j.bja.2020.12.028>
- Lyu, L., Long, C., Hei, F., Ji, B., Liu, J., Yu, K., Chen, L., Yao, J., Hu, Q., Hu, J., & Gao, G. (2016). Plasma Free Hemoglobin Is a Predictor of Acute Renal Failure During Adult Venous-Arterial Extracorporeal Membrane Oxygenation Support. *Journal of Cardiothoracic and Vascular Anesthesia*, 30(4), 891–895. <https://doi.org/10.1053/j.jvca.2016.02.011>
- Matheson, B., Razynska, A., Kwansa, H., & Bucci, E. (2000). Appearance of dissociable and cross-linked hemoglobins in the renal hilar lymph. *Journal of Laboratory and Clinical Medicine*, 135(6), 459–464. <https://doi.org/10.1067/mlc.2000.106458>
- Mehta, R. L., Kellum, J. A., Shah, S. V., Molitoris, B. A., Ronco, C., Warnock, D. G., & Levin, A. (2007). Acute Kidney Injury Network: Report of an initiative to improve outcomes in acute kidney injury. *Critical Care*, 11(2), R31. <https://doi.org/10.1186/cc5713>
- Mizuguchi, K. A., Huang, C.-C., Shempp, I., Wang, J., Shekar, P., & Frendl, G. (2018). Predicting kidney disease progression in patients with acute kidney injury after cardiac surgery. *The Journal of Thoracic and Cardiovascular Surgery*, 155(6), 2455–2463.e5. <https://doi.org/10.1016/j.jtcvs.2018.01.093>
- Molina Andújar, A., Lucas, A., Escudero, V. J., Rovira, I., Matute, P., Ibañez, C., Blasco, M., Sandoval, E., Ruiz, J., Chorda Sánchez, M., Piñeiro, G. J.,

- Quintana, E., & Poch, E. (2022). Risk Factors for Acute Kidney Injury Following Cardiac Surgery and Performance of Leicester Score in a Spanish Cohort. *Journal of Clinical Medicine*, 11(4), 904. <https://doi.org/10.3390/jcm11040904>
- Neugarten, J., Sandilya, S., Singh, B., & Golestaneh, L. (2016). Sex and the Risk of AKI Following Cardio-thoracic Surgery: A Meta-Analysis. *Clinical Journal of the American Society of Nephrology: CJASN*, 11(12), 2113–2122. <https://doi.org/10.2215/CJN.03340316>
- Nielsen, D. V., Fedosova, M., Hjortdal, V., & Jakobsen, C.-J. (2014). Is single-dose prophylactic gentamicin associated with acute kidney injury in patients undergoing cardiac surgery? A matched-pair analysis. *The Journal of Thoracic and Cardiovascular Surgery*, 148(4), 1634–1639. <https://doi.org/10.1016/j.jtcvs.2014.05.090>
- Ono, M., Arnaoutakis, G. J., Fine, D. M., Brady, K., Easley, R. B., Zheng, Y., Brown, C., Katz, N. M., Grams, M. E., & Hogue, C. W. (2013). Blood Pressure Excursions Below the Cerebral Autoregulation Threshold During Cardiac Surgery are Associated With Acute Kidney Injury*: *Critical Care Medicine*, 41(2), 464–471. <https://doi.org/10.1097/CCM.0b013e31826ab3a1>
- Ortega-Loubon, C., Martínez-Paz, P., García-Morán, E., Tamayo-Velasco, Á., López-Hernández, F. J., Jorge-Monjas, P., & Tamayo, E. (2021). Genetic Susceptibility to Acute Kidney Injury. *Journal of Clinical Medicine*, 10(14), 3039. <https://doi.org/10.3390/jcm10143039>
- Ostermann, M., Kunst, G., Baker, E., Weerapolchai, K., & Lumlertgul, N. (2021). Cardiac Surgery Associated AKI Prevention Strategies and Medical Treatment for CSA-AKI. *Journal of Clinical Medicine*, 10(22), 5285. <https://doi.org/10.3390/jcm10225285>
- Pickering, J. W., James, M. T., & Palmer, S. C. (2015). Acute Kidney Injury and Prognosis After Cardiopulmonary Bypass: A Meta-analysis of Cohort Studies. *American Journal of Kidney Diseases*, 65(2), 283–293. <https://doi.org/10.1053/j.ajkd.2014.09.008>
- Plewes, K., Kingston, H. W. F., Ghose, A., Maude, R. J., Herdman, M. T., Leopold, S. J., Ishioka, H., Hasan, Md. M. U., Haider, Md. S., Alam, S., Piera, K. A., Charunwatthana, P., Silamut, K., Yeo, T. W., Faiz, Md. A., Lee, S. J., Mukaka, M., Turner, G. D. H., Anstey, N. M., ... Dondorp, A. M. (2017). Cell-free hemoglobin mediated oxidative stress is associated with acute kidney injury and renal replacement therapy in severe falciparum malaria: An observational study. *BMC Infectious Diseases*, 17(1), 313. <https://doi.org/10.1186/s12879-017-2373-1>
- Rangaswami, J., Bhalla, V., Blair, J. E. A., Chang, T. I., Costa, S., Lentine, K. L., Lerma, E. V., Mezue, K., Molitch, M., Mullens, W., Ronco, C., Tang, W. H. W., McCullough, P. A., & On behalf of the American Heart Association Council on the Kidney in Cardiovascular Disease and Council on Clinical Cardiology. (2019). Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies: A Scientific

- Statement From the American Heart Association. *Circulation*, 139(16).
<https://doi.org/10.1161/CIR.0000000000000664>
- Rezoagli, E., Ichinose, F., Strelow, S., Roy, N., Shelton, K., Matsumine, R., Chen, L., Bittner, E. A., Bloch, D. B., Zapol, W. M., & Berra, L. (2017). Pulmonary and Systemic Vascular Resistances After Cardiopulmonary Bypass: Role of Hemolysis. *Journal of Cardiothoracic and Vascular Anesthesia*, 31(2), 505–515. <https://doi.org/10.1053/j.jvca.2016.06.009>
- Ricci, Z., Pezzella, C., Romagnoli, S., Iodice, F., Haiberger, R., Carotti, A., & Cogo, P. (2014). High levels of free haemoglobin in neonates and infants undergoing surgery on cardiopulmonary bypass. *Interactive Cardiovascular and Thoracic Surgery*, 19(2), 183–187. <https://doi.org/10.1093/icvts/ivu129>
- Rodrigues, F. B., Bruetto, R. G., Torres, U. S., Otaviano, A. P., Zanetta, D. M. T., & Burdmann, E. A. (2013). Incidence and Mortality of Acute Kidney Injury after Myocardial Infarction: A Comparison between KDIGO and RIFLE Criteria. *PLoS ONE*, 8(7), e69998. <https://doi.org/10.1371/journal.pone.0069998>
- Ronco, C., Bellomo, R., & Kellum, J. A. (2019). Acute kidney injury. *The Lancet*, 394(10212), 1949–1964. [https://doi.org/10.1016/S0140-6736\(19\)32563-2](https://doi.org/10.1016/S0140-6736(19)32563-2)
- Rother, R. P., Bell, L., Hillmen, P., & Gladwin, M. T. (2005). The Clinical Sequelae of Intravascular Hemolysis and Extracellular Plasma Hemoglobin: A Novel Mechanism of Human Disease. *JAMA*, 293(13), 1653. <https://doi.org/10.1001/jama.293.13.1653>
- Sampieri, C. L., & Orozco-Ortega, R. A. (2018). Matrix metalloproteinases and tissue inhibitors of metalloproteinases in chronic kidney disease and acute kidney injury: A systematic review of the literature. *Hippokratia*, 22(3), 99–104.
- Schurle, A., & Koyner, J. L. (2021). CSA-AKI: Incidence, Epidemiology, Clinical Outcomes, and Economic Impact. *Journal of Clinical Medicine*, 10(24), 5746. <https://doi.org/10.3390/jcm10245746>
- Shaver, C. M., Paul, M. G., Putz, N. D., Landstreet, S. R., Kuck, J. L., Scarfe, L., Skrypnyk, N., Yang, H., Harrison, F. E., de Caestecker, M. P., Bastarache, J. A., & Ware, L. B. (2019). Cell-free hemoglobin augments acute kidney injury during experimental sepsis. *American Journal of Physiology-Renal Physiology*, 317(4), F922–F929. <https://doi.org/10.1152/ajprenal.00375.2018>
- Silva, T. F. da, Silva, K. R. da C., Nepomuceno, C. M., Corrêa, C. S. M., Godoy, J. P. M., Santos, A. T. L. dos, & Gheller, A. S. (2021). Incidence of acute kidney injury post cardiac surgery: A comparison of the AKIN and KDIGO criteria. *Brazilian Journal of Anesthesiology (English Edition)*, 71(5), 511–516. <https://doi.org/10.1016/j.bjane.2021.02.016>
- Spina, S., Lei, C., Pinciroli, R., & Berra, L. (2019). Hemolysis and Kidney Injury in Cardiac Surgery: The Protective Role of Nitric Oxide Therapy. *Seminars in Nephrology*, 39(5), 484–495. <https://doi.org/10.1016/j.semnephrol.2019.06.008>

- Squicciarro, E., Stasi, A., Lorusso, R., & Paparella, D. (2022). Narrative review of the systemic inflammatory reaction to cardiac surgery and cardiopulmonary bypass. *Artificial Organs*, 46(4), 568–577. <https://doi.org/10.1111/aor.14171>
- STARSurg Collaborative. (2018). Association between peri-operative angiotensin-converting enzyme inhibitors and angiotensin-2 receptor blockers and acute kidney injury in major elective non-cardiac surgery: A multicentre, prospective cohort study. *Anaesthesia*, 73(10), 1214–1222. <https://doi.org/10.1111/anae.14349>
- Tagami, T., Matsui, H., Ong, M., Kuno, M., Kaneko, J., Tanaka, C., Unemoto, K., Fushimi, K., & Yasunaga, H. (2019). Haptoglobin use and acute kidney injury requiring renal replacement therapy among patients with severe burn injury: A nationwide database study. *Annals of Clinical Epidemiology*, 1(2), 69–75. https://doi.org/10.37737/ace.1.2_69
- Thiagarajan, P., Parker, C. J., & Prchal, J. T. (2021). How Do Red Blood Cells Die? *Frontiers in Physiology*, 12, 655393. <https://doi.org/10.3389/fphys.2021.655393>
- Tsai, T.-Y., Chien, H., Tsai, F.-C., Pan, H.-C., Yang, H.-Y., Lee, S.-Y., Hsu, H.-H., Fang, J.-T., Yang, C.-W., & Chen, Y.-C. (2017). Comparison of RIFLE, AKIN, and KDIGO classifications for assessing prognosis of patients on extracorporeal membrane oxygenation. *Journal of the Formosan Medical Association*, 116(11), 844–851. <https://doi.org/10.1016/j.jfma.2017.08.004>
- Vallelian, F., Buehler, P. W., & Schaer, D. J. (2022a). Hemolysis, free hemoglobin toxicity, and scavenger protein therapeutics. *Blood*, 140(17), 1837–1844. <https://doi.org/10.1182/blood.2022015596>
- Vallelian, F., Buehler, P. W., & Schaer, D. J. (2022b). Hemolysis, free hemoglobin toxicity, and scavenger protein therapeutics. *Blood*, 140(17), 1837–1844. <https://doi.org/10.1182/blood.2022015596>
- Velho, T. R., Pereira, R. M., Guerra, N. C., Ferreira, H., Sena, A., Ferreira, R., & Nobre, Â. (2022). Low Mean Arterial Pressure During Cardiopulmonary Bypass and the Risk of Acute Kidney Injury: A Propensity Score Matched Observational Study. *Seminars in Cardiothoracic and Vascular Anesthesia*, 26(3), 179–186. <https://doi.org/10.1177/10892532211045765>
- Vercaemst, L. (2008a). Hemolysis in cardiac surgery patients undergoing cardiopulmonary bypass: A review in search of a treatment algorithm. *The Journal of Extra-Corporeal Technology*, 40(4), 257–267.
- Vercaemst, L. (2008b). Hemolysis in cardiac surgery patients undergoing cardiopulmonary bypass: A review in search of a treatment algorithm. *The Journal of Extra-Corporeal Technology*, 40(4), 257–267.
- Vermeulen Windsant, I. C., De Wit, N. C. J., Sertorio, J. T. C., Van Bijnen, A. A., Ganushchak, Y. M., Heijmans, J. H., Tanus-Santos, J. E., Jacobs, M. J., Maessen, J. G., & Buurman, W. A. (2014). Hemolysis during cardiac surgery is associated with increased intravascular nitric oxide consumption and perioperative kidney and intestinal tissue damage. *Frontiers in Physiology*, 5. <https://doi.org/10.3389/fphys.2014.00340>

- Vives, M., Hernandez, A., Parramon, F., Estanyol, N., Pardina, B., Muñoz, A., Alvarez, P., & Hernandez, C. (2019). Acute kidney injury after cardiac surgery: Prevalence, impact and management challenges. *International Journal of Nephrology and Renovascular Disease*, 12, 153–166. <https://doi.org/10.2147/IJNRD.S167477>
- Vourc'h, M., Roquilly, A., Foucher, A., Retiere, C., Feuillet, F., Devi, S., McWilliam, H. E. G., Braudeau, C., Bourreille, G., Hachani, A., O'Kane, D., Mueller, S. N., Ischia, J., Roussel, J.-C., Rigal, J.-C., Josien, R., Rozec, B., Villadangos, J. A., & Asehnoune, K. (2022). Transfusion-Related Renal Dysfunction After Cardiac Surgery. *JACC: Basic to Translational Science*, 7(7), 627–638. <https://doi.org/10.1016/j.jacbts.2022.02.019>
- Walsh, M., Devereaux, P. J., Garg, A. X., Kurz, A., Turan, A., Rodseth, R. N., Cywinski, J., Thabane, L., & Sessler, D. I. (2013). Relationship between Intraoperative Mean Arterial Pressure and Clinical Outcomes after Noncardiac Surgery. *Anesthesiology*, 119(3), 507–515. <https://doi.org/10.1097/ALN.0b013e3182a10e26>
- Wetz, A. J., Richardt, E. M., Schotola, H., Bauer, M., & Bräuer, A. (2017). Haptoglobin and Free Haemoglobin during Cardiac Surgery—Is there a Link to Acute Kidney Injury? *Anaesthesia and Intensive Care*, 45(1), 58–66. <https://doi.org/10.1177/0310057X1704500109>
- Yu, Y., Li, C., Zhu, S., Jin, L., Hu, Y., Ling, X., Miao, C., & Guo, K. (2023a). Diagnosis, pathophysiology and preventive strategies for cardiac surgery-associated acute kidney injury: A narrative review. *European Journal of Medical Research*, 28(1), 45. <https://doi.org/10.1186/s40001-023-00990-2>
- Yu, Y., Li, C., Zhu, S., Jin, L., Hu, Y., Ling, X., Miao, C., & Guo, K. (2023b). Diagnosis, pathophysiology and preventive strategies for cardiac surgery-associated acute kidney injury: A narrative review. *European Journal of Medical Research*, 28(1), 45. <https://doi.org/10.1186/s40001-023-00990-2>
- Yuan, S.-M. (2019a). Acute Kidney Injury after Cardiac Surgery: Risk Factors and Novel Biomarkers. *Brazilian Journal of Cardiovascular Surgery*, 34(3). <https://doi.org/10.21470/1678-9741-2018-0212>
- Yuan, S.-M. (2019b). Acute kidney injury after pediatric cardiac surgery. *Pediatrics & Neonatology*, 60(1), 3–11. <https://doi.org/10.1016/j.pedneo.2018.03.007>