

DAFTAR PUSTAKA

- Abe, M., Mitani, A., Hoshi, K., Yanagimoto, S. 2020. Large gender gap in oral hygiene behavior and its impact on gingival health in late adolescence. *International Journal of Environmental Research and Public Health*. 17 (2): 2-8.
- Akbarnejad, A. A., Mahjoub, S., Tamaddoni, A., Roudsari, J. M., *et al.* 2022. Salivary oxidative stress, total protein, iron, and pH in children with beta thalassemia major and their correlation with dental caries. *Journal Dental Shiraz Universitas Medical Science*. 23 (3): 266-271.
- Amalia, D, R., Rahutami, S., Murni, N, S. 2024. Analisis faktor-faktor yang berhubungan dengan kejadian karies gigi (indeks DMF-T). *Jurnal Kesehatan Tambusai*. 5 (2): 3357-3368.
- Amannila, V, N., Novilla, A., Gunawan, T. 2024. Hubungan frekuensi dan lamanya transfuse darah dengan kadar feritin pada pasien talasemia di rumas sakit TK II dustira Cimahi. *Pinlitmas*. 4 (1): 307-314.
- Arciszewska, M, L., Suski, J., Bonora, M., Pakula, B., Pinton, P., Duszynki, J., Olszewska, P, J., Wieckowski, M, R. 2025. The relation between mitochondrial membrane potential and reactive oxygen species formation. *Method in Molecular Biology*. 2878: 133-162.
- Ali, S. R., Haidar, A. H. M. J. A. 2022. Evaluation of some salivary characteristics in relation to dental caries among children with beta-thalassemia major. *Journal of Research in Medical and Dental Science*. 10 (8): 115-120.
- Aminudin, M, F., Darmawan, A, B, Rujito, L. 2022. Korelasi feritin dengan sitokin proinflamasi pada pasien talasemia beta di kota Samarinda Kalimantan Timur. *Journal Of The Indonesia Medical Association*. 72 (2): 76-82.
- Anisawati, L. D., Rosyidah, I. Nur, W. T. 2018. Dukungan orang tua dengan kualitas hidup anak penderita thalasemia (ruang poli anak RSUD dr. Soeroto Ngawi). *Nursing Journal of Sekolah Tinggi Ilmu Kesehatan Insan Cendekia Medika Jombang*. 16 (1) : 54-61.
- Araujo, H. C., Nakamune, A. C. M. S., Garcia, W. G., Pessan, J. P., Antoniali, C. 2020. Carious lesion severity induces higher antioxidant system activity and consequently reduces oxidative damage in children's saliva. *Oxidative Medicine and Cellylar Longevity*. 2020 (28): 1-9.
- Araujo, A, S, R., Fernandes, T, R, G., Rigatto, K, V., Llesuy, S. 2002. Myocardial antioxidant and oxidative stress changes due to sex hormones. *Brazilian Journal of Medical and Biological Research*. 35 (9): 1075-1081.

- Arinawati, D. Y., Widyawati, A. 2022. Saliva sebagai media diagnosis untuk deteksi keganasan. *Stomatognatic*. 12 (22): 77-83.
- Arora, A., Sathyaprasad, S. 2022. Oro-facial manifestations, oral health status and treatment needs in transfusion dependent children with beta-talasemia major: a cross-sectional study. *Malaysian Journal of Medicine and Health Sciences*. 18 (2): 76-80.
- Arum, Y. P., Maritasari, D. Y., Antoro, B. 2023. Faktor-faktor yang berhubungan dengan kejadian karies gigi pada remaja di klinik gigi cheese bandar lampung tahun 2022. *Dental Health Journal*. 10 (1): 23-31.
- Aziz, S. F. A., Jasim, W. A. 2023. Salivary antioxidants in relation to caries severity among a group of young adults. *Mustansiria Dental Journal*. 12 (2). 311-317.
- Baird, D. C., Batten, S. H., Sparks, S. K. 2022. Alpha and beta talasemia: rapid evidence review. *American Family Physician*. 105 (3): 272-280.
- Babu, N, S, V., Bhanushali, P, V. 2017. Evaluation and association of serum iron and ferritin levels in children with dental caries. *Journal of Indian Society of Pedodontics and Preventive Dentistry*. 35 (2): 106-109.
- Bhalodiya, V. R., Valiya, L. G., Mehta, N. A., Padhariya, B. B. 2023. Correlation of serum feritin level in transfusion-dependent talasemia major patients:a study at a medical college affiliated hospital in Gujarat region. *International Journal of Contemporary Pediatrics*. 10 (3): 330-333.
- Cheng, X., Xu, X., Zhou, X., Ning, J. 2023. Oxidative stress response: a critical factor affecting the ecological competitiveness of *Streptococcus mutan*. *Journal of Oral Microbiology*. 16 (1): 1-7.
- Budkowska, M., Heryc, E, C., Marcinowska, Z., Siennicka, A., Dolegowska, B. 2022. The influence of circadian rhythm on the activity of oxidative stress enzymes. *International Journal Molecular Science*. 23 (22): 2-20.
- Dana, M., Fibach, E. 2019. Oxidative stress in beta thalassemia. *Molecular Diagnosis & Therapy*. 23 (2): 245-261.
- Dahlan, M. S. 2010. *Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan*. Salemba Medika. Jakarta.
- Daryani, K, K., S, K, P., Deshpande, A, N., Bargale, S, D., Khoja, M., Patel, K, S. 2019. Comparative evaluation of serum iron level, serum ferritin level and salivary pH with dental caries in children with iron deficiency anaemia- an observational cross-sectional study. *Journal of Advanced Medical and Dental Sciences Research*. 7 (4): 16-18.

- De, M. C. S., Vieira, R. B., Santos, D. S., Carvalho, C. A. T., Camargo, S. E. A., Mancini, M. N. G., Oliveira, L. D. 2014. Antioxidant and biomarkers of oxidative damage in the *saliva* of patients with down's syndrome. *Archives of Oral Biology*. 60 (2015): 600-605.
- Daud, M. A. (2020). Hubungan ferritin serum dengan berat badan dan tinggi badan pada penderita thalasemia beta mayor. *Jurnal Ilmiah Kesehatan Sandi Husada*. 9 (6): 6-11
- Dewi, R. O., Herwanda., Novita, C. F. 2017. Gambaran status karies gigi (indeks dmft-t) pada penyintas Talasemia beta mayor di Rumah Sakit Umum Daerah dr. Zainoel Abidin Banda Aceh. *Journal Caninus Denstistry*. 2 (2): 71-77.
- Dewi, S. R. P., Septhimoranie, S., Muchzal, S. 2020. Correlation of *saliva* characteristics and caries in beta-talasemia major patients. *Majalah Kedokteran Gigi Indonesia*. 6 (2) : 100-105.
- Ding, D., Li, N., Ge, Y., Wu, H., Yu, J., Qiu, W., Fang, F. 2024. Current status of superoxide dismutase 2 on oral disease progression by supervision of ROS. *Biomedicine dan Pharmacotherapy*. 175 (2024): 1-7.
- Doguer, C., Ha, J. H., Collins, J. F. 2018. Intersection of iron and copper metabolism in the mammalian intestine and liver. *European Journal of Haematology*. 8 (4): 1433-1461.
- Eagappan, A, R, S., Rao, V, A, P., Sujatha, S., Senthil, D. 2016. Evaluation of salivary nitric oxide level in children with early childhood caries. *Dental Research Journal*. 13 (4): 338-341.
- Entezari, S. 2022. Iron Chelators in Treatment of Iron Overload. *Journal of Toxicology*.
- Erosputri. I. 2024. Hubungan Kadar Urea Saliva dan Kadar Serum Feritin Terhadap Karies Gigi Penyintas Talasemia Beta Mayor Usia 12-17 Tahun. *Skripsi*. Program Studi Kedokteran Gigi Universitas Jenderal Soedirman. Purwokerto (Tidak dipublikasikan).
- Ezzat, A, M., Abdelmotaleb, G, S., Shaheen, A, M., Ismail, Y, M., Diab, A, M. 2016. Peroxidative stress and antioxidant enzymes in children with b-thalassemia major. *Medical Research Journal*. 15 (2): 57-61.
- Fadel, H, T., Zolaly, M, A., Alharbi, M, O., Qarah, L, A., Alrehili, M, S., Alamri, A, D., Tarawah, A, M. 2020. Oral health profiles and related quality of life in thalassemia children in relation to iron overload: a cross-sectional study. *International Journal of Environmental Research and Public Health*. 17 (944): 1-9.

- Fakhredin, R. B., Franceshi, L. D., Motta, I., Eid, A. A., Taher, A. T., Cappellini, M. D. 2022. Redox balance in β -thalassemia and sickle cell disease: a love and hate relationship. *Antioxidant*. 11 (967): 1-17.
- Farrokhnia, T., Shoorgasthi, R., Sadeghian, M., Hasanzade, S., Lesan, S., Hidayati, M. 2024. Comparative analysis of serum and saliva iron, ferritin, and TIBC in women with iron deficiency anemia: highlighting saliva's screening potential. *Middle East Journal of Rehabilitation and Health Studies*. 11 (4): 1-8.
- Fuadah, N, T., Helena, D, F., Tazkiyah, I. 2023. Dampak mengonsumsi makanan kariogenik dan perilaku menggosok gigi terhadap kesehatan gigi anak usia sekolah dasar. *Jurnal Penelitian Perawat Profesional*. 5 (2): 771-78.
- Fung, E, B., Sushrita, N., Haines, D., Schroepfer, C., and Lal, A. 2014. Dietary intake insufficient to support nutritional adequacy in patients with thalassemia. *Blood*. 124 (21): 1361.
- Ganjifrockwala, F. A., Joseph, J. T., dan George, G. 2017. Serum total superoxide dismutase enzyme activity in type 2 diabetic patients with retinopathy in Mthatha region of the Eastern Cape Province of South Africa. *Biomedical Research*. 28 (2) : 532 -538.
- Gaya, M, L., Rini, E, A., Izzah, A, Z. 2023. Hubungan kadar ferritin serum dengan fungsi tiroid pada anak dengan thalassemia beta mayor. *Sari Pediatri*. 25(1): 27-31.
- Hattab, F. N. 2017. Thalassemia major and related dentomaxillofacial complications: clinical and radiographic overview with reference to dental care. *International Journal of Experimental Dental Science*. 6 (2): 95-104.
- Hawa, T. D. S., Riza, M., Kawuryan, D. L. 2023. Hubungan tingkat kepatuhan konsumsi obat kelasi besi dengan kadar ferritin pada penyintas talasemia anak di RSUD Dr. Moewardi. *Jurnal Ilmiah Rekam Medis dan Informatika Kesehatan*. 13 (1): 46-51.
- Hendi, S. S., Goodarzi, M. T., Moghimbeigi, A., Motamayel, F. A. 2020. Evaluation of the status of salivary antioxidants in dental caries. *Bentham Science*. 20 (6): 816-821.
- Hegde, M, N., Hegde, D, N., Ashok, A., Shetty, S. 2013. Evaluation of total antioxidant capacity of saliva and serum in caries-free and caries-active adults: an in-vivo study. *Indian Journal Dental of Dental Research*. 24(2): 164-167.
- Hongini, S. Y., Aditiawarman, M. 2022. *Kesehatan Gigi dan Mulut* Edisi Revisi. Penerbit Reka Cipta. Bandung.

- Ibrahim, A. A. F., Bedewy, T. A. E., El-sheikh, E. H. El-Halmeed, A. H. A. 2018. The oxidant and antioxidant status in β -thalasemia major patients. *Medical Journal Cairo Univ.* 86 (1): 367-374.
- Ifan., Hasan, F. E., Rosanty, A. 2018. Gambaran Kadar Hemoglobin Pada Nelayan Kecamatan Nambo Kota Kendari Provinsi Sulawesi Tenggara. *Tesis*. Program Studi Teknologi Laboratorium Medik Poltekkes Kemenkes Kendari. Kendari. (Tidak dipublikasikan).
- Indah, I, Z., Intan, S, A. 2017. *Penyakit Gigi, Mulut Dan THT*. Edisi II. Yogyakarta: NuhaMedika
- Jurczak, A., Koscielniak, D., Skalniak, A., Papiez, M., Vyhouskaya, P., Krzysciak, W. 2017. The role of the saliva antioxidant barrier to reactive oxygen species with regard to caries development. *Redox Report*. 22 (6): 524-533.
- Kander, M, C., Cui, Y., Liu, Z. 2016. Gender difference in oxidative stress: a new look at the mechanisms for cardiovascular diseases. *Journal of Cellular and Molecular Medicine*. 21(5):1024-1032.
- Kasimu, S., Mainasara, A. S., Abdulrahman, M. B., Bello, A., Faku, A, A., Abdullahi, A. U. 2022. Serum ferritin-a marker for iron store: A review. *Annals of Basic and Medical Sciences*. 3 (1): 240-244.
- Kemenkes RI. 2018. Pedoman nasional Pelayanan Kedokteran Tata Laksana Talasemia. Nomor hk.01.07/menkes/1/2018. Jakarta.
- Kemenkes RI. 2018. Laporan riskesdas 2018. 53 (9): 181-222. Available at: <https://www.litbang.kemkes.go.id/laporanriset-kesehatan-dasar-riskesdas/>, diakses pada 18 Oktober 2024. Jakarta.
- Kemenkes RI. 2022. Talasemia Penyakit Keturunan, Hindari dengan Deteksi Dini. Available at: <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20220510/5739792/Talasemia-penyakit-keturunan-hindari-dengan-deteksi-dini/>, diakses 15 Oktober 2024. Jakarta.
- Kondaiah, P., Yaduvanshi, P.S., Sharp, P.A., and Pullakhandam, R. 2019. Iron and zinc homeostasis and interactions: Does enteric zinc excretion cross-talk with intestinal iron absorption?. *Nutrients*. 11 (8): 1885-1899.
- Kurniati, M., Eksa, D. R., Risnawati, C. 2020. Hubungan kepatuhan terapi kelasi dengan kadar ferritin pada penderita talasemia mayor di RSUD H. Abdul Moeloek Provinsi Lampung. *Jurnal Ilmu Kedokteran dan Kesehatan*. 7 (2): 433-442.
- Kzar, M. Y., Hussein, A. M. 2017. Salivary iron and ferritin levels, orofacial complication of patients with thalassemia major in Babylon teaching hospital for maternity and children. *Medical Journal of Babylon*. 14 (1): 135-139.

- Li-ping, W. 2008. Relationship between serum Iron, Ferritin and lipid peroxidation injury in patients with chronic hepatitis B. *Chinese Journal of Clinical Hepatology*. 24 (3): 183-185.
- Madi, M., Babu, S., Kumari, S., Shetty, S., Achalli, S., Madiyal, A., Bhat, M. 2016. Status of serum and salivary levels of superoxide dismutase in type 2 diabetes mellitus with oral manifestations: a case control study. *Ethiopia Journal Health Science*. 26 (6): 523-532.
- Maharani, D, A., Kurniawan, J., Agustanti, A., Rosalien, R., Rahardjo, A., Cavalcanti, A, L. 2019. Diagnostic validity of self-perceived dental caries in Indonesian young adolescents aged 12-15 years. *Pesquisa Brasileira em Odontopediatria e Clínica Integrada*. Pp 1-7.
- Mahdi, E. A. 2014. Relationship between oxidative stress and antioxidant status in beta thalassemia major patients. *Acta Chimica dan Pharmaceutica Indica*. 4 (3): 138-144.
- Marlo, F., Groothof, D., Khatami, F., Ahanchi, N, S. 2023. Changes in iron status biomarkers with advancing age according to sex and menopause: a population-based study. *Journal of Clinical Medicine*. 16 (12): 1-8.
- Martins, J. R., Fabregat, B. D., Carmona, W. R., Monteiro, D. R., Pessan, J. P., Antoniali, C. 2022. Salivary biomarkers of oxidative stress in children with dental caries: Systematic review and meta-analysis. *Archives of Oral Biology*. 139: 105432.
- Mashhadane, F. A. A. 2022. Oxidative stress and antioxidant defense mechanism in dentistry: a literature review. *Al-Rafidain Dental Journal*. 22 (2): 323-331.
- Matei, M, N., Popa, P, S., Covaci, A, M., Chipirliu, O., Earar, K., Stoica, G., Zaharia, A, E., et al. 2023. The impact of competitive sports on oral health: exploring their relationship with salivary oxidative stress in children. *Healthcare*. 11 (22): 1-13.
- Maskoen, A. M., Reniarti, L., Sumantri, N. I., Sahiratmadja, E. 2018. High ferritin in homozygous and heterozygous β -thalasemia tends to decrease oxidative stress levels. *Universa Medicina*. 37 (2): 97-103.
- Mohammed, N. A., Rasoul, H. F. A. 2020. Evaluation of oxidative stress and antioxidant status in Talasemia major patient: a single-center study. *Medical Journal Cairo University*. 88 (5): 2147-2155.
- Moosazadeh, M., Gorji, N, E., Nasiri, P., Shafaroudi, A, M. 2020. Comparison of decayed, missing, filled teeth index between thalassemia major patients and control group in Iran: a systematic review and meta-analysis. *British Dental Journal*. 6 (23): 1-7.

- Mukhbitin, F. 2018. Gambaran kejadian karies gigi pada siswa kelas 3 MI Al-Mutmainah. *Jurnal Promkes*. 6 (2): 155-166.
- Nabi, A. T., Muttu, J., Chhaparwal, A. 2022. Implications of β -thalassemia on oral health status in patients: A cross-sectional study. *Journal of Family Medicine and Primary Care*. 11 (3): 1174-1178.
- Nafady, A., Ali, S. S., Masry, M. A. E., Baseer, K. A., Qubaisy, H. M., Mahmoud, S. G. 2017. Oxidative stress in pediatric patients with β thalassemia major. *Egyptian Journal of Haematology*. 42 (3): 123-127.
- Ne, Y. G. S., Frazao, D. R., Bittencourt, L. O., Fagundes, N. C. F., Vasquez, G. M., Lopez, M. E. C., *et al.* 2022. Are dental caries associated with oxidative stress in *saliva* children and adolescents? A systematic review. *Metabolites*. 12 (858): 1-23.
- Ne, Y. G. S., Lima, F. W., Mendes, P. F. S., Silva, D. C. B., Bittencourt, L. O., Nascimento. P. C., *et al.* 2023. Dental caries and *salivary* oxidative stress: global scientific research landscape. *Antioxidant*. 12 (330) : 2-19.
- Nelson, A., Santosh, A. B. R., Jones, T. 2024. Review of *salivary* antioxidants and their barriers. *Dental Journal Kedokteran Gigi*. 57 (2): 74-79.
- Nimkarn, N., Songdej, D., Dumrongwongsiri, O., Sirachainan, N., Chuansumrit, A., and Thalassemia Study Group. 2021. Age as a major factor associated with zinc and copper deficiencies in pediatric thalassemia. *Journal of Trace Elements in Medicine and Biology*. 68: 1-8.
- Nuraini, P., Wahluyo, S., Pradopo, S., Kuntari, S., Taqwim, A., Purba, Y.S., Pantouw, M. A. A. 2023. Effects of iron accumulation on dental caries, gingivitis, and candida albicans infection in children with beta thalasemia major: a narrative review. *Acta Medica Philippina*. 57 (3): 1-6.
- Nuriyah, E., Edi, I. S., Ulfah, S. F. 2022. Karies gigi ditinjau dari pengetahuan kesehatan gigi dan mulut pada siswa sekolah dasar. *Indonesian Journal of Health and Medical*. 2 (2): 167-178.
- Omari, D. A. A., Takruri, H. R. 2022. Status of Hepcidin, superoxide dismutase, zinc, copper, in β -Thalassemia (A review). *Journal of the Saudi Society for Food and Nutrition*. 15 (1): 11-18.
- Onur, D., Sadikoglu, S. C., Harputluoglu, N., Ozkan, B. 2024. Evaluation of serum vitamin B12 and D, iron, ferritin, folate, calcium, phosphorus and magnesium level in children in palliative care clinic: a single-center cross-sectional study. *BMC Palliative Care*. 23 (218): 2-11.
- Paloma, I. D. A. N. C. 2023. Talasemia: sebuah tinjauan pustaka. *Journal of Pharmacy Bioscience and Clinical Community*. 1 (2): 89-100.

- Pambudi, M. A. 2020. Hubungan antara kadar feritin dengan krateinin serum pada anak Talasemia beta mayor. *Jurnal Ilmiah Kesehatan Sandi Husada*. 11 (1) : 473-478.
- Pamewa, K., Febriany, M., Wijaya, M, F., Anas, R., Saman, M, S, A. 2024. Perbedaan Akumulasi Plak antara anak laki-laki dan Perempuan setelah menyikat gigi di depan cermin. *Indonesian Journal of Public Health*. 2 (2): 327-335.
- Patne, A. B., Hisalkar, P. J., Gaikwar, S. B., Patil, S. V. 2012. Alterations in antioxidant enzyme status with lipid peroxidation in β talasemia major patients. *International Journal of Pharmacy and Life Science*. 3 (10): 2003-2006.
- Pineda, AE, G, A., Perez, A, G., Godoy, F, G. 2020. Salivary parameters and oral health status amongst adolescents in Mexico. *BMC Oral Health*. 6 (2): 1-7.
- Praramdana, M. N., Rusydi, M. A., Rizky, M. 2023. Sebuah tinjauan pustaka: penatalaksanaan beta talasemia. *Jurnal Medika Hutama*. 4 (2): 3257-3264.
- Primarani, W. 2016. Gambaran Kadar Serum feritin Pada Penyintas Penyakit Ginjal Kronik Yang Menjalani Terapi Hemodialisis di RSUP dr.Mohammad Hoesin Palembang Tahun 2016. *Karya Tulis Ilmiah*. Program Analisis Kesehatan Politeknik Kesehatan Palembang. Palembang (Tidak dipublikasikan).
- Purbasari, D., Lail, N, A. 2024. Kepatuhan konsumsi terapi kelasi besi dengan kualitas hidup anak pada penderita thalasemia mayor di RSUD majalengka. *Medical Journal Awatara*. 2 (1): 17-24.
- Putri, F. S. A., dan Aryani, T. 2022. Analisis Kadar Ferritin dan Hemoglobin Pada Ibu Hamil Dengan Suplementasi Besi. *Skripsi*. Program Studi Sarjana Terapan Teknologi Laboratorium Medis Fakultas Ilmu Kesehatan Universitas 'Aisyiyah Yogyakarta. Yogyakarta. (Tidak dipublikasikan).
- Rahman, H., Kartawinata, T. G., Julianti, E. 2012. Uji aktivitas enzim superoksida dismutase dalam ekstrak mesokarp buah merah (*Pandanus conoideus* Lamarck) menggunakan densitometri citra elektroforegram. *Acta Pharmaceutica Indonesia*. 36 (2): 43-47.
- Rakhmadian, R. D. 2022. Laporan kasus: restorasi direct komposit kelas I pada gigi molar. *Jurnal Kesehatan dan Kesehatan Gigi*. 3 (1): 25-30.
- Ramadhanty, N., Gunantara, T., Putri, M. 2023. Pengaruh kadar feritin darah terhadap status gizi pasien thalassemia β mayor anak. *Jurnal Integrasi Kesehatan dan Sains*. 5 (2) : 167-171.
- Ramdiana., Legiran. 2023. Literature review: stress oksidatif dan reproduksi Wanita. *Jurnal Ilmu Kesehatan Masyarakat*. 12 (3): 202-214.

- Rathee, M., Sapra, A. 2023. *Dental Caries*. StatPearls Publishing LLC. University School of Medicine. Southern Illinois.
- Ratnaningsih, T. 2016. Hubungan pola makan dengan kejadian karies gigi pada anak usia 7-9 tahun. *Jurnal Kesehatan Bhamada*. 7(2). 56-203.
- Rujito, L. 2019. *Talasemia: Genetik Dasar dan Pengelolaan Terkini*. Universitas Jenderal Soedirman. Banyumas.
- Rujito, L., Mulatsih, S., Sofro, A, S, M. 2015. Status of superoxide dismutase in transfusion dependent thalassaemia. *North American Journal of Medical Sciences*. 7 (5): 194-198.
- Rusnoto., Romantis, C, B., Purnomo, M., Jauhar, M. 2023. Perilaku menyikat gigi dan konsumsi makanan kariogenik pemicu karies gigi pada anak. *Jurnal Ilmu Keperawatan dan Kebidanan*. 14 (2): 518-527.
- Sadjadpour, F., Hosseinichimeh, N., Pahel, B, T., Metcalf, S, S. 2024. System mapping of multilevel factors contributing to dental caries in adolescents. *Frontiers in Oral Health*. 4 (2023): 1-14.
- Safela, S. D., Purwaningsih, E., Isnanto, I. 2021. Systematic Literature Review: Faktor Yang Mempengaruhi Karies Gigi Pada Anak Sekolah Dasar. *Jurnal Ilmiah Keperawatan Gigi*. 2(2): 335–344.
- Sari, M, D., Nerito, P. 2024. Hubungan Pola Konsumsi Makanan Kariogenik dan Non-kariogenik dengan pengalaman sakit gigi pada siswa SMP Mojokerto. *Bhakta Dental Journal*. 2(1): 21-28.
- Sastroasmoro, S., Ismael, S. 2011. *Dasar- Dasar Metodologi Penelitian Klinis*. Sagung Seto. Jakarta.
- Schober, P., Boer, C., Schwarte, L. A. 2018. Correlation coefficients : appropriate use and interpretation. *Anesthesia dan Analgesia*. 126 (5): 1763 - 1768.
- Schwartz, M., Neiers, F., Feron, G., Canon, F. 2021. The relationship between salivary redox, diet, and food flavor perception. *Frontiers in Nutrition*. 7
- Setiowati, A. D. 2024. Hubungan Kadar Feritin Serum dan Kadar Besi Saliva Terhadap Karies Gigi Penyintas Talasemia Beta Mayor Usia 12-17 Tahun. *Skripsi*. Program Studi Kedokteran Gigi Universitas Jenderal Soedirman. Purwokerto (Tidak dipublikasikan).
- Sibarani, M, R. 2014. Karies: etiologi, karakteristik klinis, dan tatalaksana. *Majalah Kedokteran UKI*. 30 (1): 14-22.
- Silva, P, V, D., Troiano, J, A., Nakamune, A, C, M, S., Pessan, J, P., Antoniali, C. 2016. Increased activity of the antioxidants systems modulate the oxidative

- stress in saliva of toddlers with early childhood caries. *Archive of Oral Biology Journal*. 70 (2016):62–66.
- Simanjuntak, E.J. and Zulham, Z. (2020). Superoksida dismutase (SOD) dan radikal bebas. *Jurnal Keperawatan Dan Fisioterapi*. 2 (2): 124–129.
- Solekhah, N, K. 2020. Efektivitas berkumur larutan garam terhadap jumlah koloni streptococcus mutans dalam saliva. *Jurnal Kesehatan Gigi*. 8 (1): 16-21.
- Sreedevi, A., Brizuela, M., Mohamed, S. 2022. *Pit and Fissure Sealents*. StatPearl. Konya.
- Suhana., Kusumajaya, H., Nurvinda, R. 2023. Faktor-faktor yang berhubungan dengan kejadian talasemia beta mayor anak. *Jurnal Penelitian Perawat Profesional*. 5 (4): 1713-1723.
- Sukma, T. I. 2020. Hubungan Kebersihan Rongga Mulut dengan Kadar Superoxide Dismutase (SOD) Pada Anak dan Remaja Down Syndrom di Kabupaten Banyumas. *Skripsi*. Universitas Jenderal Soedirman. (Tidak dipublikasikan).
- Suparyanto, T., Anggraeni, M., Yolandia, R. A. 2023. Hubungan pemberian tablet zink, gaya hidup, dan asupan protein terhadap kadar feritin pada ibu hamil trimester III di Rumah Sakit Krakatau Medika Cilegon tahun 2022. *Sentri: Jurnal Riset Ilmiah*. 2 (4): 978-993.
- Supriatna, C., Indriani, B, K., Akbari, R. 2020. Evaluasi penggunaan obat kelasi besi dalam menurunkan kadar feritin pada pasien thalasemia anak di RSUD 45 Kuningan. *Jurnal Ilmiah Indonesia*. 5(1): 28-38.
- Suryoadji, K. A., Alfian, I. M. 2021. Patofisiologi gejala penyakit Talasemia beta: a narative review. *Journal UII*. 13 (2): 56-60.
- Susanah, S. 2022. Tata laksana terkini talsemia beta: terapi target. *Sari Pediatri*. 24 (4): 279-285.
- Triwardhani, E, R., Reniarti, L., Setiabudiawan, B. 2022. Hubungan jenis dan tingkat kepatuhan pengobatan kelasi besi oral dengan kadar feritin serum pada penyandang talasemia beta mayor anak. *Sari Pediatri*. 24 (1): 23-30.
- Turgeon, M. L. 2018. *Clinical Hematology*. 6 th ed. Wolters Kluwer. Philadelphia.
- Vahabzadeh, Z., Hashemi, Z. M., Nouri, B., Zamani, F., Shafiee, F. 2020. *Salivary enzymatic antioxidant activity and dental caries: a cross-sectional study. Dental and Medical Problems*. 57 (4): 385-391.
- Venita, N. L. 2023. Metode uji farmakodinamik sebagai salah satu pembuktian khasiat obat bahan alam sebagai alternatif pilihan terapi talasemia. *Jurnal Inovasi Riset Ilmu Kesehatan*. 2 (1): 1-10.

- Viprakasit, V., Ekwattanakit, S. 2018. Clinical classification, screening and diagnosis for talasemia. *Hematology Oncology Clinics of North America*. 32 (2): 193-211.
- Veljovic, T., Djuric, M., Mirnic, J., Gusic, I., Maletin, A., Ivic, S., Stojilkovic, M., Brkic, S. 2023. Effect of nonsurgical periodontal treatment on salivary and plasma superoxide dismutase levels of patients suffering from periodontitis. *Journal of Clinical Medicine*. 12 (6688): 1-11.
- Wahjuni, S. 2015. *Superoksida Dismutase (SOD) Sebagai Prekursor Antioksidan Endogen Pada Stress Oksidatif*. Udayana University Press. Bali.
- Wahyuni, S., Nurhayati, M., Septiana, R. 2023. Korelasi status sosial ekonomi terhadap kejadian karies gigi anak TK Bina Putra II Sukarama Palembang. *Jurnal Kesehatan Gigi dan Mulut*. 5 (1): 14-22.
- Waseem, F., Khemomal, K, A., Sajid, R. 2011. Antioxidant status in beta thalassemia major: a single-center study. *Indian Journal of Pathology and Microbiology*. 54 (4): 761-763.
- WHO. 2013. *Oral Health Survey Basic Methods*. 5th edition. World Health Organization. Perancis.
- Widodo, H. B., dan Maharani, A. E. 2019. Oral manifestation of talasemia beta mayor: case study. *Journal of Case Report in Dental Medicine*. 1 (2): 32-35.
- Winarsi, H., Wijayanti, S. P. M., Purwanto, A. 2012. Aktivitas enzim superoksida dismutase, katalase, dan glutathion peroksidase wanita penderita sindrom metabolic. *Majalah Kedokteran Bandung*. 44 (1): 7-12.
- Winarsi, H. 2011. *Antioksidan Alami Dan Radikal Bebas Potensi Dan Aplikasinya Dalam Kesehatan*. Kanisius. Yogyakarta.
- Yutarti, C, S., Susilowati, I, T. 2023. Hubungan kadar feritin serum dengan tes fungsi hati pada pasien thalasemia mayor. *Jurnal Kesehatan*. 14 (1): 42-46.
- Younus, H. 2018. Therapeutic potentials of superoxide dismutase. *International Journal of Health Sciences*. 12 (3): 88-93.
- Zahra, A. N., Riyanti, R., Sakinah, E. N. 2018. The correlation between ferritin levels and glutathion (GSH) levels in major beta talasemia patient at dr. soebandi jember hospital. *Journal of Agromedicine and Medical Sciences*. 4 (1): 18-24.
- Zaynalova, G. K., Shadlinskaya, R. V. 2019. The evaluation of the prevalence and intensity of dental caries in β -talasemia major patients. *Dentistry*. 9 (5): 1-3.

Zulkefli, A. A. B. M. 2024. Efek Paparan Profilin Toxoplasma Gondii Terhadap Kadar Superoxide Dismutase (SOD) Pada Tikus (Rattus Norvegicus Strain Wistar). *Tugas Akhir*. Program Studi Kedokteran Universitas Brawijaya. Malang (Tidak dipublikasikan).

