

DAFTAR PUSTAKA

- Afifah, R. N., Ketut Mariadi, I., Losen Adnyana, W., Tuti, K., & Merati, P. (2023). Hubungan antara Stres dan Kebiasaan Makan dengan Kejadian Dispepsia pada Mahasiswa Pendidikan Dokter Universitas Udayana. *Intisari Sains Medis | Intisari Sains Medis*, 14(1), 294–298. <https://doi.org/10.15562/ism.v14i1.1678>
- Alduraywish, S., Alburikan, A., Alotaibi, M., Alhamoudi, A., Aldosari, A., Alturki, M., Alotaibi, A., & Tharkar, S. (2023). Association between academic stress during exam period, dietary behavior and bowel symptoms among medical students in Saudi Arabia. *Clinical Epidemiology and Global Health*, 22. <https://doi.org/10.1016/j.cegh.2023.101318>
- American Psychiatric Association. (2013). Diagnostic and Statistical Manual of Mental Disorders. 5th ed.
- American Psychiatric Association. (2023). What are Anxiety Disorders?. Psychiatry.org. <https://www.psychiatry.org/patients-families/anxiety-disorders/what-are-anxiety-disorders>
- Anthony L., Mescher. (2018). Junqueira's Basic Histology. 15th ed. USA: McGraw-Hill
- Appaji Rayi, & Murr, N. (2022). *Electroencephalogram*. Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK563295/>
- Appleton, J. (2018). The Gut-Brain Axis: Influence of Microbiota on Mood and Mental Health. *Integrative Medicine*, 17(4)
- Atmajaya, F. S., & Marthasari, R. S. (2023). The Relationship between the Level of Anxiety and the Incidence of Dyspepsia Syndrome among the Students of the Faculty of Medicine at Widya Mandala Catholic University Surabaya. *Journal of Widya Medika Junior*, 5(1). <https://doi.org/10.33508/jwmj.v5i1.4417>
- Aurora, S. K., Shrewsbury, S. B., Ray, S., Hindiyeh, N., & Nguyen, L. (2021). A Link between Gastrointestinal Disorders and Migraine: Insights into the Gut–Brain Connection. In *Headache* (Vol. 61, Issue 4, pp. 576–589). Blackwell Publishing Inc. <https://doi.org/10.1111/head.14099>
- Barret K., E., Barman S., Boitano S., Brooks H., L. (2019). Ganong's Review of Medical Physiology. 26th ed. AS:McGraw-Hill

- Bedewy, D., & Gabriel, A. (2015). Examining perceptions of academic stress and its sources among university students: The Perception of Academic Stress Scale. In *Health Psychology Open* (Vol. 2, Issue 2). SAGE Publications Inc. <https://doi.org/10.1177/2055102915596714>
- Chand, S. P., & Marwaha, R. (2023). *Anxiety*. Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK470361/>
- Bergmann, C., Muth, T., & Loerbroks, A. (2019). Medical students' perceptions of stress due to academic studies and its interrelationships with other domains of life: a qualitative study. *Medical Education Online*, 24(1). <https://doi.org/10.1080/10872981.2019.1603526>
- de Zambotti, M., Javitz, H., Franzen, P. L., Brumback, T., Clark, D. B., Colrain, I. M., & Baker, F. C. (2018). Sex- and Age-Dependent Differences in Autonomic Nervous System Functioning in Adolescents. *Journal of Adolescent Health*, 62(2), 184–190. <https://doi.org/10.1016/j.jadohealth.2017.09.010>
- Debnath, S., Levy, T. J., Bellehsen, M., Schwartz, R. M., Barnaby, D. P., Zanos, S., Volpe, B. T., & Zanos, T. P. (2021). A Method to Quantify Autonomic Nervous System Function in Healthy, Able-bodied Individuals. *Bioelectronic Medicine*, 7(1). <https://doi.org/10.1186/s42234-021-00075-7>
- Delorme, A. (2023). EEG is Better Left Alone. *Scientific Reports*, 13(1). <https://doi.org/10.1038/s41598-023-27528-0>
- Dewi, D. K., Meylana, E. H., Widiani, F. P., & Safitri, R. I. (2020). The Profile of Perceived Academic Stress in Higher Education.
- Drake R., Vogl W., Mitchell A. (2020). Gray's Anatomy for Student. 4th ed. Canada: Elsevier
- Ei-Wen Victor Lo, Wei, Y.-H., & Hwang, B. (2020). Association between occupational burnout and heart rate variability. *Medicine*, 99(2), e18630–e18630. <https://doi.org/10.1097/md.00000000000018630>
- Eka Sackbani, J., Thysmelia Affandi, T., & Rahmatun Nisaa, D. (2019). The Correlation of Anxiety in Dealing with Objective Student Oral Case Analysis (Osoca) Examination on the Case of Functional Dyspepsia in the First Semester Medical Students (Issue 4).
- Francis, P., & Zavala, S. R. (2022). Functional Dyspepsia. Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK554563/>
- Gullett, N., Zuzanna Zajkowska, Walsh, A., Harper, R., & Mondelli, V. (2023). Heart rate variability (HRV) as a way to understand associations

between the autonomic nervous system (ANS) and affective states: A critical review of the literature. *International Journal of Psychophysiology*, 192, 35–42.
<https://doi.org/10.1016/j.ijpsycho.2023.08.001>

Guo, W. J., Yao, S. K., Zhang, Y. L., Du, S. Y., Wang, H. F., Yin, L. J., & Li, H. L. (2018). Impaired vagal activity to meal in patients with functional dyspepsia and delayed gastric emptying. *Journal of International Medical Research*, 46(2), 792–801.
<https://doi.org/10.1177/0300060517726442>

Hakimjon Zaynidinov, Sarvar Makhmudjanov, Farkhad Rajabov, & Singh, D. (2021). IoT-Enabled Mobile Device for Electrogastrography Signal Processing. 346–356. https://doi.org/10.1007/978-3-030-68452-5_36

Harianto, I., & Meilia, J. N. (2022). SURYA MEDIKA Pengaruh Karakteristik Individual yang Mempengaruhi Gejala Dispepsia Akibat Stress Akademik pada Mahasiswa Selama Masa Pandemi COVID-19 (Vol. 17, Issue 01).

Hilmy Asari, M. M. (2023). Validity and Reliability Test of Rome IV Functional Dyspepsia Diagnostic Questionnaire (R4-FDDQ) on Indonesian Population. *Gaceta Médica de Caracas*, 131(2).
<https://doi.org/10.47307/GMC.2023.131.2.5>

James, T., & Sunil, N. (2020). Heart rate variability in different phases of menstrual cycle among healthy medical students of a teaching institution, South India. *National Journal of Physiology, Pharmacy and Pharmacology*, 0, 1.
<https://doi.org/10.5455/njppp.2020.10.03064202022032020>

Khakim, Z., & Kusrohmaniah, S. (2021). Dasar-Dasar Electroencephalography (EEG) bagi Riset Psikologi. *Buletin Psikologi*, 29(1), 92. <https://doi.org/10.22146/buletinpsikologi.52328>

Kirthana Kunikullaya U, Radhika Kunnavil, Vijayadas, Jaisri Goturu, Prakash, V., & Murthy, N. S. (2021). Normative data and gender differences in heart rate variability in the healthy young individuals aged 18–30 years, a South Indian cross-sectional study. *Indian Pacing and Electrophysiology Journal*, 21(2), 112–119.
<https://doi.org/10.1016/j.ipej.2021.01.002>

Klaassen, T., Vork, L., Smeets, F. G. M., Troost, F. J., Kruimel, J. W., Leue, C., Mascline, A. A. M., & Keszthelyi, D. (2022). The Interplay Between Stress and Fullness in Patients With Functional Dyspepsia and Healthy Controls: An Exploratory Experience Sampling Method Study. *Psychosomatic Medicine*, 84(3), 306–312.
<https://doi.org/10.1097/PSY.0000000000001012>

- Kuwahara, A., Matsuda, K., Kuwahara, Y., Asano, S., Inui, T., & Marunaka, Y. (2020). Microbiota-Gut-Brain Axis: Enteroendocrine Cells and the Enteric Nervous System Form an Interface between the Microbiota and the Central Nervous System. In *Biomedical Research (Tokyo)* (Vol. 41, Issue 5).
- Lee, I. S., Preissl, H., Giel, K., Schag, K., & Enck, P. (2018). Attentional and physiological processing of food images in functional dyspepsia patients: A pilot study. *Scientific Reports*, 8(1). <https://doi.org/10.1038/s41598-017-19112-0>
- Li, H., & Page, A. J. (2022). Altered Vagal Signaling and Its Pathophysiological Roles in Functional Dyspepsia. In *Frontiers in Neuroscience* (Vol. 16). Frontiers Media S.A. <https://doi.org/10.3389/fnins.2022.858612>
- Liu, B., Zhao, Y., & Zhang, H. (2022). The Effect of Autonomic Nervous System Dysfunction on the Progression of Primary Open-Angle Glaucoma. *International Journal of General Medicine*, 15, 4565–4573. <https://doi.org/10.2147/IJGM.S362275>
- Ludwig, P. E., Reddy, V., & Varacallo, M. (2022). Neuroanatomy, Neurons. Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK441977/>
- Madisch, A., Andresen, V., Enck, P., Labenz, J., Frieling, T., & Schemann, M. (2018). The diagnosis and Treatment of Functional Dyspepsia. *Deutsches Arzteblatt International*, 115(13), 222–232. <https://doi.org/10.3238/arztebl.2018.0222>
- Mayer, E. A., Nance, K., & Chen, S. (2021). The Gut-Brain Axis. <https://doi.org/10.1146/annurev-med-042320>
- Medicore / SA 3000P – ANTARES Group. (2022). Faantares.info. <https://faantares.info/product/sa-3000p/>
- Meenakshi Chaswal, Kapoor, R., Batra, A., Verma, S., & Bhupendra Singh Yadav. (2018). *Heart Rate Variability and Cardiovascular Reflex Tests for Assessment of Autonomic Functions in Preeclampsia*. 2018, 1–7. <https://doi.org/10.1155/2018/8163824>
- Munir, S., & Takov, V. (2022). Generalized Anxiety Disorder. Nih.gov; StatPearls Publishing. [https://www.ncbi.nlm.nih.gov/books/NBK441870/#:~:text=The%20etiology%20may%20include%3A,generalized%20anxiety%20disorder%20\(25%25\)](https://www.ncbi.nlm.nih.gov/books/NBK441870/#:~:text=The%20etiology%20may%20include%3A,generalized%20anxiety%20disorder%20(25%25))

- Narmandakh, A., Roest, A. M., de Jonge, P., & Oldehinkel, A. J. (2021). Psychosocial and biological risk factors of anxiety disorders in adolescents: a TRAILS report. *European Child and Adolescent Psychiatry*, 30(12), 1969–1982. <https://doi.org/10.1007/s00787-020-01669-3>
- Nurdwita Ashari, A., & Sinta Murti, I. (2021). Hubungan Tingkat Stres dengan Kejadian Dispepsia Fungsional pada Mahasiswa Fakultas Kedokteran Universitas Mulawarman. 2(2).
- Núria Daviu, Bruchas, M. R., Moghaddam, B., Sandi, C., & Beyeler, A. (2019). Neurobiological links between stress and anxiety. *Neurobiology of Stress*, 11, 100191–100191. <https://doi.org/10.1016/j.yynstr.2019.100191>
- Nurul Akbar, F., Avilamanda, A., & Hendarto, H. (2023). International Journal of Medical Science and Clinical Research Studies Association between Eating Habits and Types of Food Intake with Functional Dyspepsia Among First-Year Clinical and First-Year Pre-Clinical Students in the Faculty of Medicine State Islamic University Jakarta. <https://doi.org/10.47191/ijmscrs/v3>
- Paudel, D., Uehara, O., Giri, S., Yoshida, K., Morikawa, T., Kitagawa, T., Matsuoka, H., Miura, H., Toyofuku, A., Kuramitsu, Y., Ohta, T., Kobayashi, M., & Abiko, Y. (2022). Effect of Psychological Stress on the Oral-Gut Microbiota and the Potential Oral-Gut-Brain Axis. In *Japanese Dental Science Review* (Vol. 58, pp. 365–375). Elsevier Ltd. <https://doi.org/10.1016/j.jdsr.2022.11.003>
- Philbois, S. V., Facioli, T. P., Gastaldi, A. C., Rodrigues, J. A. L., Tank, J., Fares, T. H., Rodrigues, K. P., & Souza, H. C. D. (2021). Important differences between hypertensive middle-aged women and men in cardiovascular autonomic control—a critical appraisal. *Biology of Sex Differences*, 12(1). <https://doi.org/10.1186/s13293-020-00355-y>
- Prakash K., Thakur A., Malhotra A., S. (2021). Association of Heart Rate Variability, Blood Pressure Variability, and Baroreflex Sensitivity with Gastric Motility at Rest and During Cold Pressor Test. *Gastroenterol Hepatol Bed Bench*
- Rahayu, S., . S., & Eko Pertiwi, W. (2023). Factors Related to the Incident of Dyspepsia Syndrome. *KnE Social Sciences*. <https://doi.org/10.18502/kss.v8i14.13838>
- Ravichandran, K., Dewi, D. A. S., & Aryabiantara, I. W. (2020). The characteristic of anxiety disorder among medical students of

Universitas Udayana, Bali, Indonesia in the 2019 period. Intisari Sains Medis, 11(3), 1264–1270. <https://doi.org/10.15562/ism.v11i3.692>

Riset Kesehatan Dasar (Rskesdas). (2018). Badan Penelitian dan Pengembangan Kesehatan Kementerian RI tahun 2018. Laporan Nasional Rskesdas 2018 - Repositori Badan Kebijakan Pembangunan Kesehatan. [https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/1/Lapo ran%20Rskesdas%202018%20Nasional.pdf](https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/1/Laporan%20Rskesdas%202018%20Nasional.pdf)

Rome IV Criteria - *Rome Foundation*. (2023). Rome Foundation. <https://theromefoundation.org/rome-iv/rome-iv-criteria/>

Rusmanto, A., Nindya Maharani, F., Setiawan, M., Arofah, A. (2022). Analisis Faktor Stress, Keteraturan Pola Makan dan Konsumsi Bahan Pangan Iritatif Terhadap Kejadian Dyspepsia. In CoMPHI Journal: Community Medicine and Public Health of Indonesia Journal (Vol. 3, Issue 2).

Salsabila, A. (2021). Kecemasan dan Kejadian Dispepsia Fungsional. <http://jurnal.globalhealthsciencegroup.com/index.php/IJNHS>

Saragih, J. I., & Rahmawati, E. (2020). The Accuracy of Indonesian Version of HAM-A. 1545–1549. <https://doi.org/10.5220/0010088015451549>

Shankar, P., Mandhan, N., Zaidi, S. M. H., Choudhry, M. S., & Kumar, A. (2020). Relationship of functional dyspepsia with mental and physical stress. Annals of Psychophysiology, 7, 25–30. <https://doi.org/10.29052/2412-3188.v7.i1.2020.25-30>

Sherwood L. (2018). Fisiologi Manusia dari Sel ke Sistem. Ed 9. Jakarta: EGC

Shklyaev, A. E., Shutova, A. A., Bessonov, A. G., & Maximov, K. V. (2020). Features of manifestations of functional dyspepsia in medical students of different years of study. Eksperimental'naya i Klinicheskaya Gastroenterologiya/Experimental and Clinical Gastroenterology, 9, 24–28. <https://doi.org/10.31146/1682-8658-ecg-181-9-24-28>

Silvia, M., Wilson, Armyanti, I. (2023). Hubungan antara Tingkat Kecemasan dan Dispepsia Pasien Rawat Jalan di Rumah Sakit Universitas Tanjungpura Pontianak, Indonesia (Vol. 50, Issue 2).

Sun, L., Chen, W., Chen, Z., Xiang, Y., Guo, J., Hu, T., Xu, Q., Zhang, H., & Wang, J. (2020). Dual Effect of the Valsalva Maneuver on Autonomic Nervous System Activity, Intraocular Pressure, Schlemm's Canal, and Iridocorneal Angle Morphology. *BMC Ophthalmology*, 20(1). <https://doi.org/10.1186/s12886-019-1275-y>

- Tamimi, L. H., Herardi, R., & Wahyuningsih, S. (2020). Hubungan antara Tingkat Stres Akademik dengan Kejadian Dispepsia pada Siswa Kelas XII IPA di SMA Negeri 81 Kota Jakarta Timur Tahun 2019. *Jurnal Penyakit Dalam Indonesia*, 7(3), 143. <https://doi.org/10.7454/jpdi.v7i3.399>
- Tasalim, R., & Cahyani, A. R. (2021). Stres Akademik dan Penanganannya. Guepedia.
- Theedens, J. Ch. P., Setianingrum, E. L. S., Folamauk, C. L. H., & Lidia, K. (2023). Hubungan Kejadian Depresi dengan Sindroma Dispepsia pada Mahasiswa Prodi Kedokteran Umum FKKH Universitas Nusa Cendana. *Cendana Medical Journal (CMJ)*, 11(1), 200–206. <https://doi.org/10.35508/cmj.v11i1.10710>
- Tshabalala, S. J., Tomita, A., & Ramlall, S. (2019). Depression, anxiety and stress symptoms in patients presenting with dyspepsia at a regional hospital in kwazulu-natal province. *South African Journal of Psychiatry*, 25. <https://doi.org/10.4102/sajpsychiatry.v25i0.1382>
- Tsou, H. K., Shih, K. C., Lin, Y. C., Li, Y. M., & Chen, H. Y. (2022). Altered Heart Rate Variability and Pulse-Wave Velocity After Spinal Cord Injury. *World Journal of Clinical Cases*, 10(27), 9680–9692. <https://doi.org/10.12998/wjcc.v10.i27.9680>
- Tus, J. (2020). Academic Stress, Academic Motivation, and Its Relationship on the Academic Performance of the Senior High School Students. In Asian Journal of Multidisciplinary Studies (Vol. 8, Issue 11).
- Vandergriendt, C. (2018). *An Easy Guide to Neuron Anatomy with Diagrams*. Healthline; Healthline Media. <https://www.healthline.com/health/neurons#types>
- Waxenbaum, J. A., Reddy, V., & Varacallo, M. (2023). *Anatomy, Autonomic Nervous System*. Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK539845/#:~:text=Introduction,%20digestion%20and%20sexual%20arousal>.
- World Health Organization. (2022). Mental disorders. Who.int; World Health Organization: WHO. <https://www.who.int/news-room/fact-sheets/detail/mental-disorders>
- Zhu, Y., Xu, F., Lu, D., Rong, P., Cheng, J., Li, M., Gong, Y., Sun, C., Wei, W., Lin, L., & Chen, J. D. Z. (2021). Transcutaneous Auricular Vagal Nerve Stimulation improves Functional Dyspepsia by enhancing Vagal Efferent Activity. *American Journal of Physiology* -

Gastrointestinal and Liver Physiology, 320(5), G700–G711.
<https://doi.org/10.1152/AJPGI.00426.2020>

Zulfitri, Z., Maghfirah, D., Eljatin, M. R. A., Firdausa, S., & Zahra, Z. (2023). Anxiety level and functional dyspepsia incidence during COVID-19 pandemic. International Journal of Public Health Science, 12(1), 409–416. <https://doi.org/10.11591/ijphs.v12i1.22215>