

DAFTAR PUSTAKA

- Akintayo, N. D., Ajayi, B. O., Kajero, O. O., Adeleke, J. O., & Idowu, O. A. (2025). Sedentary Time, Menstrual Cycle Characteristics, and Pain Intensity Among Female Undergraduates with Primary Dysmenorrhea. *Annals of Health Research*, 11(2), 154–163. <https://doi.org/10.30442/ahr.1102-05-281>
- Akunna, G. G., Olabiyi, O., Adenike, O., Enye, L. A., & Ajeleti, S. (2020). Correlation between primary dysmenorrhea characteristics, age at menarche, anthropometric variables, gynecological history, management attitudes, and quality of life among undergraduates in Nigeria. *Tropical Journal of Obstetrics and Gynaecology*, 37(1).
- Al-Husban, N., Odeh, O., Dabit, T., & Masadeh, A. (2022). The Influence of Lifestyle Variables on Primary Dysmenorrhea: A Cross-Sectional Study. *International Journal of Women's Health*, 14, 545–553. <https://doi.org/10.2147/ijwh.S338651>
- Alsaleem, M. A. (2018). Dysmenorrhea, associated symptoms, and management among students at King Khalid University, Saudi Arabia: An exploratory study. *Journal of Family Medicine and Primary Care*, 7(4), 769. https://doi.org/https://doi.org/10.4103/jfmpe.jfmpe_113_18
- Alvionita, N., Simanjourang, C., Buntara, A., & Utari, D. (2024). Faktor Yang Berhubungan Dengan Stres Kerja Pada Pekerja Formal di Jakarta Timur. *Jurnal Ilmu Kedokteran Dan Kesehatan*, 11(12), 2376–2386. <https://doi.org/10.33024/jikk.v11i12.16262>
- Amin, S. M., El-Sayed, M. M., El-Monshed, A. H., Khedr, M. A., & Atta, M. H. R. (2024). The hidden link: dysmenorrhea, emotion regulation, and attitudes toward marriage in female nursing students. *BMC Nursing*, 23(1). <https://doi.org/10.1186/s12912-024-02341-w>
- Ammar, U. R. (2016). Faktor Risiko Dismenore Primer pada Wanita Usia Subur di Kelurahan Plosi Kecamatan Tambaksari Surabaya. *Jurnal Berkala Epidemiologi*, 4(1), 37–49. <https://doi.org/10.20473/jbe.v4i1.37-49>
- Anna Glasier, & Ailsa Gabbie. (2011). *Keluarga Berencana & Kesehatan Reproduksi*. EGC.
- Anusha, D. V. B., Shridevi, K., Manoj, P., & Goparaju, A. (2021). Prevalence and determinants of dysmenorrhea. *MRIMS Journal of Health Sciences*, 9(3), 103–108. https://doi.org/10.4103/mjhs.mjhs_13_21

- Aouad, P., Bui, M., Sarraf, S., Donnelly, T., Chen, Y., Jaaniste, T., Eden, J., & Champion, G. D. (2022). Primary dysmenorrhoea in adolescents and young women: A twin family study of maternal transmission, genetic influence and associations. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, 62(5), 725–731. <https://doi.org/10.1111/AJO.13560>
- Azis, A. A., Kurnia, N., Hartati, & Purnamasari, A. B. (2018). Menstrual Cycle Length in Women Ages 20-30 years in Makassar. *Journal of Physics: Conference Series*, 1028(1). <https://doi.org/10.1088/1742-6596/1028/1/012019>
- Bajalan, Z., Moafi, F., Moradibaglooei, M., & Alimoradi, Z. (2019). Mental health and primary dysmenorrhea: a systematic review. *Journal of Psychosomatic Obstetrics and Gynaecology*, 40(3), 185–194. <https://doi.org/10.1080/0167482X.2018.1470619>
- Bakhsh, H., Algenaimi, E., Aldhuwayhi, R., & AboWadaan, M. (2022). Prevalence of dysmenorrhea among reproductive age group in Saudi Women. *BMC Women's Health*, 22(1). <https://doi.org/10.1186/s12905-022-01654-9>
- Bakro, R. M., Farrukh, M. J., Rajagopal, M., Kristina, S. A., Ramatillah, D. L., Ming, L. C., Sritheran, G., Muhammad, P. & Hadi, A., Kristina, A., Laila Ramatillah, D., Ganesh, M. D., Paneerselvam, S., & Abdul Hadi, M. (2023). Assessment of prevalence, knowledge and health-related practices of dysmenorrhea among Malaysian women in Kuala Lumpur: a cross-sectional survey. *Annals of Medicine*, 55(2), 2281655. <https://doi.org/10.1080/07853890.2023.2281655>
- Barcikowska, Z., Rajkowska-Labon, E., Grzybowska, M. E., Hansdorfer-Korzon, R., & Zorena, K. (2020). Inflammatory Markers in Dysmenorrhea and Therapeutic Options. *International Journal of Environmental Research and Public Health* 2020, Vol. 17, Page 1191, 17(4), 1191. <https://doi.org/10.3390/ijerph17041191>
- Barcikowska, Z., Wójcik-Bilkiewicz, K., Sobierajska-Rek, A., Grzybowska, M. E., Wąż, P., & Zorena, K. (2020). Dysmenorrhea and Associated Factors among Polish Women: A Cross-Sectional Study. *Pain Research and Management*, 2020. <https://doi.org/10.1155/2020/6161536>
- Benson, R. C., & Pernoll, M. L. (2012). *Buku Saku Obstetri & Ginekologi* (9th ed.). EGC.
- Bernardi, M., Lazzeri, L., Perelli, F., Reis, F. M., & Petraglia, F. (2017). Dysmenorrhea and related disorders. *F1000Research*, 6. <https://doi.org/10.12688/f1000research.11682.1>
- Bobak. (2010). *Buku Ajar Keperawatan Maternitas* (4th ed.). EGC.

- BPS. (2024). *Tingkat Partisipasi Angkatan Kerja Menurut Jenis Kelamin*. <https://www.bps.go.id/id/statistics-table/2/MjIwMCMY/tingkat-partisipasi-angkatan-kerja-menurut-jenis-kelamin.html>
- Brooks, V. L. (2022). Autonomic control during pregnancy. In *Primer on the Autonomic Nervous System, Fourth Edition* (pp. 273–277). Elsevier. <https://doi.org/10.1016/B978-0-323-85492-4.00084-3>
- Brooks, V. L., Fu, Q., Shi, Z., & Heesch, C. M. (2020). Adaptations in autonomic nervous system regulation in normal and hypertensive pregnancy. In *Handbook of Clinical Neurology* (Vol. 171, pp. 57–84). Elsevier B.V. <https://doi.org/10.1016/B978-0-444-64239-4.00003-5>
- Budny-Winska, J., & Pomorski, M. (2021). Uterine niche after cesarean section: a review of diagnostic methods. *Ginekologia Polska*, 92(10), 726–730. <https://doi.org/10.5603/gp.a2021.0195>,
- Bull, J. R., Rowland, S. P., Scherwitzl, E. B., Scherwitzl, R., Danielsson, K. G., & Harper, J. (2019). Real-world menstrual cycle characteristics of more than 600,000 menstrual cycles. *Npj Digital Medicine*, 2(1), 1–8. <https://doi.org/https://doi.org/10.1038/s41746-019-0152-7>
- Burnett, M., & Lemyre, M. (2017). No. 345-Primary Dysmenorrhea Consensus Guideline. *Journal of Obstetrics and Gynaecology Canada*, 39(7), 585–595. <https://doi.org/10.1016/j.jogc.2016.12.023>
- Caetano-Anollés, K. (2013). Ovulation. *Brenner's Encyclopedia of Genetics: Second Edition*, 203. <https://doi.org/10.1016/B978-0-12-374984-0.01110-4>
- Chang, W. P., & Chang, Y. P. (2021). Meta-Analysis Comparing Menstrual Regularity and Dysmenorrhea of Women Working Rotating Shifts and Fixed Day Shifts. *Journal of Women's Health*, 30(5), 722–730. <https://doi.org/10.1089/jwh.2020.8517>
- Chauhan, M., & Kala, J. (2012). Relation between dysmenorrhea and body mass index in adolescents with rural versus urban variation. *Journal of Obstetrics and Gynecology of India*, 62(4), 442–445. <https://doi.org/10.1007/S13224-012-0171-7>,
- Cheng, Y., Chen, S., Cao, D., Cheng, H., Chen, S., Shu, Y., Wang, Y., & Chen, Z. (2025). Stachydrine Ameliorates Uterine Hypercontractility in Primary Dysmenorrhea by Targeting the COX-2/PGF2 α Pathway. *Current Issues in Molecular Biology* 2025, Vol. 47, Page 961, 47(11), 961. <https://doi.org/10.3390/cimb47110961>
- Curtis, K. M., Tepper, N. K., Jatlaoui, T. C., Berry-Bibee, E., Horton, L. G., Zapata, L. B., Simmons, K. B., Pagano, H. P., Jamieson, D. J., & Whiteman, M. K. (2016). U.S. Medical Eligibility Criteria for Contraceptive Use, 2016. *MMWR*.

- Recommendations and Reports*, 65(3), 1–104.
<https://doi.org/10.15585/mmwr.RR6503A1>
- Dawood, M. Y. (2006). Primary dysmenorrhea: Advances in pathogenesis and management. *Obstetrics and Gynecology*, 108(2), 428–441.
<https://doi.org/10.1097/01.aog.0000230214.26638.0C>
- de Las Mercedes Villa Rosero, C. Y., Mazin, S. C., Nogueira, A. A., Vargas-Costales, J. A., Rosa-e-Silva, J. C., Candido-dos-Reis, F. J., & Poli-Neto, O. B. (2022). Prevalence of chronic pelvic pain and primary dysmenorrhea in women of reproductive age in Ecuador. *BMC Women's Health*, 22(1).
<https://doi.org/10.1186/s12905-022-01948-y>
- Debbarma, S., Chhetri, B., Sharma, A., & Debbarma Assistant professor, S. (2025). Assessment of Dysmenorrhea and It's associated factors among females of District Meerut. *International Journal of Life Sciences*, 14(2).
https://doi.org/10.69605/ijlbpr_14.2.2025.136
- Dewi, Y. I., Suci, W. P., & Erika. (2021). Prevalence of dysmenorrhea among female students at the University of Riau-Indonesia. *Enfermería Clínica*, 31, 605–608. <https://doi.org/10.1016/J.enfcli.2021.04.022>
- Dictionary of Cancer Terms - NCI. (n.d.). *Definition of menstruation - NCI*. Retrieved May 4, 2025, from <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/menstruation>
- Djimbula, N., Julia Kristiarini, J., Ananti, Y., Kebidanan, D., & Tinggi Ilmu Kesehatan Guna Bangsa Yogyakarta, S. (2022). Efektivitas Senam Dismenore dan Musik Klasik Terhadap Penurunan Dismenore Pada Remaja. *Jurnal Ilmiah Kesehatan Sandi Husada*, 11(1), 288–296.
<https://doi.org/10.35816/jiskh.v11i1.754>
- Dovom, M. R., Tehrani, F. R., Djalalinia, S., Cheraghi, L., Gandavani, S. B., & Azizi, F. (2016). Menstrual Cycle Irregularity and Metabolic Disorders: A Population-Based Prospective Study. *PLoS ONE*, 11(12).
<https://doi.org/10.1371/JOURNAL.PONE.0168402>,
- Duckitt, K., & Collins, S. (2012). Menorrhagia. *BMJ Clinical Evidence*.
<http://pubmed.ncbi.nlm.nih.gov/22305976/>
- E. Albert Reece and R. L. Barbieri. (2010). *Obstetrics and Gynecology: The Essentials of Clinical Care. Tieme*. <https://doi.org/10.1055/b-002-85473>
- Famararzi, M., & Salmalian, H. (2014). Association of psychologic and nonpsychologic factors with primary dysmenorrhea. *Iranian Red Crescent Medical Journal*, 16(8). <https://doi.org/10.5812/ircmj.16307>

- Ferries-Rowe, E., Corey, E., & Archer, J. S. (2020). Primary Dysmenorrhea: Diagnosis and Therapy. *Obstetrics and Gynecology*, 136(5), 1047–1058. <https://doi.org/10.1097/aog.0000000000004096>,
- Fitrianingsih, A. D. R., & Santanu, A. M. (2021). Primary Dysmenorrhea Risk based on Characteristics, Dietary Habits, and Types of Exercise. *Journal of Information & Knowledge Management*, 12(1), 21–37. <https://doi.org/10.26553/jikm.2021.12.1.21-37>
- Frisch, R. E. (1990). The right weight: Body fat, menarche and ovulation. *Bailliere's Clinical Obstetrics and Gynaecology*, 4(3), 419–439. [https://doi.org/10.1016/S0950-3552\(05\)80302-5](https://doi.org/10.1016/S0950-3552(05)80302-5),
- Fujiwara, T. (2003). Skipping breakfast is associated with dysmenorrhea in young women in Japan. *International Journal of Food Sciences and Nutrition*, 54(6), 505–509. <https://doi.org/10.1080/09637480310001622369>,
- Gilliam, M. L. (2010). Exercise for dysmenorrhoea. *Obstetrics and Gynecology*, 116(1), 186–187. <https://doi.org/10.1097/aog.0b013e3181e5ef4d>
- Gómez-Acebo, I., Dierssen-Sotos, T., Papantoniou, K., García-Unzueta, M. T., Santos-Benito, M. F., & Llorca, J. (2015). Association between exposure to rotating night shift versus day shift using levels of 6-sulfatoxymelatonin and cortisol and other sex hormones in women. *Chronobiology International*, 32(1), 128–135. <https://doi.org/10.3109/07420528.2014.958494>,
- Gungordu, N., & Kurtul, S. (2023). Association between self-reported menstrual disorders and occupational exposures in female healthcare workers: a university hospital experience from Turkey. *The European Research Journal*, 9(4), 800–810. <https://doi.org/10.18621/eurj.1186212>
- Gyorffy, Z., Dweik, D., & Girasek, E. (2014). Reproductive health and burn-out among female physicians: Nationwide, representative study from Hungary. *BMC Women's Health*, 14(1). <https://doi.org/10.1186/1472-6874-14-121>,
- Habibi, N., Huang, M. S. L., Gan, W. Y., Zulida, R., & Safavi, S. M. (2015). Prevalence of Primary Dysmenorrhea and Factors Associated with Its Intensity Among Undergraduate Students: A Cross-Sectional Study. *Pain Management Nursing*, 16(6), 855–861. <https://doi.org/10.1016/j.pmn.2015.07.001>
- Harel, Z. (2012). Dysmenorrhea in adolescents and young adults: an update on pharmacological treatments and management strategies. *Expert Opinion on Pharmacotherapy*, 13(15), 2157–2170. <https://doi.org/10.1517/14656566.2012.725045>
- Harlow, S. D., & Campbell, O. M. R. (2004). Epidemiology of menstrual disorders in developing countries: A systematic review. *BJOG: An International Journal*

of Obstetrics and Gynaecology, 111(1), 6–16. <https://doi.org/10.1111/J.1471-0528.2004.00012.X>,

Harlow, S. D., & Park, M. (1996). A longitudinal study of risk factors for the occurrence, duration and severity of menstrual cramps in a cohort of college women. *BJOG: An International Journal of Obstetrics and Gynaecology*, 103(11), 1134–1142. <https://doi.org/10.1111/J.1471-0528.1996.TB09597.X>,

Hassan Nagy, Karen Carlson, & Moien AB Khan. (2023). *Dismenore* . National Center Biotechnology Information. <https://www.ncbi.nlm.nih.gov/books/NBK560834/>

Helwa, H. A. A., Mitaeb, A. A., Al-Hamshri, S., & Sweileh, W. M. (2018). Prevalence of dysmenorrhea and predictors of its pain intensity among Palestinian female university students. *BMC Women's Health*, 18(18). <https://doi.org/10.1186/s12905-018-0516-1>

Hidayati, Nur, L., & Harsono, M. (2021). Tinjauan literatur mengenai stres dalam organisasi. *Urnal Ilmu Manajemen* , 18(1).

Hinz, B., & Brune, K. (2012). Paracetamol and cyclooxygenase inhibition: Is there a cause for concern? *Annals of the Rheumatic Diseases*, 71(1), 20–25. <https://doi.org/10.1136/ard.2011.200087>

Hirata, M., Kumabe, K., & Inoue, Y. (2002). Relationship between the frequency of menstrual pain and bodyweight in female adolescents. *Nihon Kosshu Eisei Zasshi*, 49(6). <https://pubmed.ncbi.nlm.nih.gov/12138714/>

Hu, F., Wu, C., Jia, Y., Zhen, H., Cheng, H., Zhang, F., Wang, L., & Jiang, M. (2023). Shift work and menstruation: A meta-analysis study. *SSM - Population Health*, 24. <https://doi.org/10.1016/j.ssmph.2023.101542>

Hu, Z., Tang, L., Chen, L., Kaminga, A. C., & Xu, H. (2020). Prevalence and Risk Factors Associated with Primary Dysmenorrhea among Chinese Female University Students: A Cross-sectional Study. *Journal of Pediatric and Adolescent Gynecology*, 33(1), 15–22. <https://doi.org/10.1016/j.jpag.2019.09.004>

Iacovides, S., Avidon, I., & Baker, F. C. (2015). What we know about primary dysmenorrhea today: a critical review. *Human Reproduction Update*, 21(6), 762–778. <https://doi.org/10.1093/humupd/dmv039>

Igbokwe, U. C., & John-Akinola, Y. O. (2021). Knowledge of Menstrual Disorders and Health Seeking Behaviour among Female Undergraduate Students of University of Ibadan, Nigeria. *Annals of Ibadan Postgraduate Medicine*, 19(1), 40. <https://pmc.ncbi.nlm.nih.gov/articles/PMC8935669/>

- International Physical Activity Questionnaire. (2002). *International Physical Activity Questionnaire (August 2002) Short Last 7 Days Self-Administered Format for Use with Young and Middle-Aged Adults (15-69 Years)*. [Www.Ipaq.Ki.Se](http://www.ipaq.ki.se).
- Itani, R., Soubra, L., Karout, S., Rahme, D., Karout, L., & Khojah, H. M. J. (2022). Primary Dysmenorrhea: Pathophysiology, Diagnosis, and Treatment Updates. *Korean J Farm Med*, 43, 101–108. <https://doi.org/10.4082/kjfm.21.0103>
- Itriyeva, K. (2022). The normal menstrual cycle. *Current Problems in Pediatric and Adolescent Health Care*, 52(5). <https://doi.org/10.1016/j.cppeds.2022.101183>
- Jahanfar, S., Mortazavi, J., Lapidow, A., Cu, C., Al Abosy, J., Ciana, H., Morris, K., Steinfeldt, M., Maurer, O., Bohang, J., Anjali Oberoi, R., & Ali, M. (2024). Assessing the impact of hormonal contraceptive use on menstrual health among women of reproductive age—a systematic review. *European Journal of Contraception and Reproductive Health Care*, 29(5), 193–223. <https://doi.org/10.1080/13625187.2024.2373143>
- Jang, H. J., Kim, O., Kim, S., Kim, M. S., Choi, J. A., Kim, B., Dan, H., & Jung, H. (2021). Factors affecting physical and mental fatigue among female hospital nurses: The Korea nurses' health study. *Healthcare (Switzerland)*, 9(2). <https://doi.org/10.3390/healthcare9020201>
- Jena, S., Chandra Sahoo, K., Kumar Patro, B., Tripathy, S. K., & Pandit, R. (2024). Prevalence of dysmenorrhoea and its management strategies among females: a cross-sectional study in the tribal district, Koraput. *International Journal Of Community Medicine And Public Health*, 11(2), 794–801. <https://doi.org/10.18203/2394-6040.ijcmph20240268>
- Jenabi, E., Khazaei, S., & Veisani, Y. (2019). The relationship between smoking and dysmenorrhea: A meta-analysis. *Women and Health*, 59(5), 524–533. <https://doi.org/10.1080/03630242.2018.1508541>,
- Jiang, Z., Wang, J., Guo, X., Feng, L., Yu, M., Zhou, J., Ye, Y., Mei, L., Ju, L., Yu, D., Shi, L., Lu (Alex), C., Yu, W., & Lou, J. (2019). Menstrual disorders and occupational exposures among female nurses: A nationwide cross-sectional study. *International Journal of Nursing Studies*, 95, 49–55. <https://doi.org/10.1016/j.ijnurstu.2019.04.010>
- Johnson, C. Y., Grajewski, B., Lawson, C. C., MacDonald, L. A., Rocheleau, C. M., & Whelan, E. A. (2024). Occupational physical demands and menstrual cycle irregularities in flight attendants and teachers. *Occupational and Environmental Medicine*, 81(1), 3–8. <https://doi.org/10.1136/oemed-2023-109099>

- Ju, H., Jones, M., & Mishra, G. (2014). The prevalence and risk factors of dysmenorrhea. *Epidemiologic Reviews*, 36(1), 104–113. <https://doi.org/10.1093/epirev/mxt009>,
- Ju, H., Jones, M., & Mishra, G. D. (2015). A U-Shaped Relationship between Body Mass Index and Dysmenorrhea: A Longitudinal Study. *PLoS ONE*, 10(7), e0134187. <https://doi.org/10.1371/journal.pone.0134187>
- Jung, H., Dan, H., Cha, C., & Pang, Y. (2024). Dysmenorrhea and Occupational Factors. *Journal of Nursing Management*, 2024(1). <https://doi.org/10.1155/jonm/1968522>
- Jusuf, E. C., Octaviani, D., Husain, M. G., & Jumrah. (2024). The influence of physical activity, body mass index and urinary levels of prostaglandin (PGF2 α) with the incidence of primary dysmenorrhea in adolescents. *Journal of Obstetrics and Gynaecology Research*, 50(5), 909–913. <https://doi.org/10.1111/jog.15914>
- Kale, Y. A. A., Weraman, P., & Hinga, I. A. T. (2022). Risk Factors for Primary Dysmenorrhea in Students of Public Health Faculty, Nusa Cendana University. *Timorese Journal of Public Health*, 4(3), 116–127. <https://doi.org/10.35508/tjph>
- Kannan, P., Cheung, K. K., & Lau, B. W. M. (2019). Does aerobic exercise induced-analgesia occur through hormone and inflammatory cytokine-mediated mechanisms in primary dysmenorrhea? *Medical Hypotheses*, 123, 50–54. <https://doi.org/10.1016/j.mehy.2018.12.011>
- Kapadi, R., & Elander, J. (2020). Pain coping, pain acceptance and analgesic use as predictors of health-related quality of life among women with primary dysmenorrhea. *European Journal of Obstetrics and Gynecology and Reproductive Biology*, 246, 40–44. <https://doi.org/10.1016/j.ejogrb.2019.12.032>
- Karout, S., Soubra, L., Rahme, D., Karout, L., Khojah, H. M. J., & Itani, R. (2021). Prevalence, risk factors, and management practices of primary dysmenorrhea among young females. *BMC Women's Health*, 21(1). <https://doi.org/10.1186/s12905-021-01532-w>
- Kemenkes. (2023). *Survei Kesehatan Indonesia (SKI) 2023*.
- Kemenkes RI. (2019). *Tabel Batas Ambang Indeks Massa Tubuh (IMT), P2PTM Kemenkes RI*. <https://p2ptm.kemkes.go.id/infographicp2ptm/obesitas/tabel-batas-ambang-indeks-massa-tubuh-imt>
- Kemenkes RI. (2020). *Pedoman Pelayanan Kontrasepsi dan Keluarga Berencana*. <https://repository.kemkes.go.id/book/571>

- Kent, J., Thornton, M., Fong, A., Hall, E., Fitzgibbons, S., & Sava, J. (2020). Acute provider stress in high stakes medical care: Implications for trauma surgeons. *Journal of Trauma and Acute Care Surgery*, 88(3), 440–445. <https://doi.org/10.1097/TA.0000000000002565>
- Kirsch, E., Rahman, S., Kerolus, K., Hasan, R., Kowalska, D. B., Desai, A., & Bergese, S. D. (2024). Dysmenorrhea, a Narrative Review of Therapeutic Options. *Journal of Pain Research*, 17, 2657–2666. <https://doi.org/10.2147/jpr.S459584>
- Klein, D. A., Paradise, S. L., & Reeder, R. M. (2019). Amenorrhea: A Systematic Approach to Diagnosis and Management. *American Family Physician*, 100(1), 39–48. <https://www.aafp.org/pubs/afp/issues/2019/0701/p39.html>
- Lacroix, A. E., Gondal, H., Shumway, K. R., & Langaker, M. D. (2023). Physiology, Menarche. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK470216/>
- Latthe, P., Mignini, L., Gray, R., Hills, R., & Khan, K. (2006). Factors predisposing women to chronic pelvic pain: Systematic review. *British Medical Journal*, 332(7544), 749–751. <https://doi.org/10.1136/bmj.38748.697465.55>,
- Li, Z., Chen, J., Zhao, Y., Wang, Y., Xu, J., Ji, J., Shen, J., Zhang, W., Chen, Z., Sun, Q., Mao, L., Cheng, S., Yang, B., Zhang, D., Xu, Y., Zhao, Y., Liu, D., Shen, Y., Zhang, W., ... Shi, Y. (2017). Common variants in ZMIZ1 and near NGF confer risk for primary dysmenorrhoea. *Nature Communications* 2017 8:1, 8(1), 14900-. <https://doi.org/10.1038/ncomms14900>
- Lias, F., Hashim, N., Majid, N., Muhamad, N., Wan Ismail, W. M., & Abd Mulud, Z. (2022). Self-Esteem and Quality of Life among Women with the Menstrual Disorder at a Public Hospital. *Malaysian Journal of Medicine and Health Sciences*, 18(s15), 43–50. <https://doi.org/10.47836/mjmhs.18.S15.7>
- Lilik Pratiwi, M. KM. (2024). *Mengenal Menstruasi dan Gangguannya*. CV Jejak.
- Lindh, I., & Milsom, I. (2013). The influence of intrauterine contraception on the prevalence and severity of dysmenorrhea: a longitudinal population study. *Human Reproduction (Oxford, England)*, 28(7), 1953–1960. <https://doi.org/10.1093/humrep/det101>
- Long, W. N. (1990). Abnormal Vaginal Bleeding. *Butterworths, Boston*, Chapter 173. <https://www.ncbi.nlm.nih.gov/books/NBK282/>
- Looker, T., & Gregson, O. (2005). *Managing Stress Mengatasi Stres Secara Mandiri*. BACA.

- Macnab, W. R. (2025). Uterine physiology. *Anaesthesia and Intensive Care Medicine*, 26(4), 213–215. <https://doi.org/10.1016/j.mpaic.2025.01.016>
- Mamilly, L., & Kamboj, M. K. (2021). Gynecologic endocrinology. In *Pediatric and Adolescent Sexuality and Gynecology: Principles for the Primary Care Clinician, Second Edition* (pp. 83–110). Nova Science Publishers, Inc. <https://www.scopus.com/pages/publications/85108672021>
- Mandasari, P., Kebidanan, A., & Prabumulih, R. H. (2021). Hubungan Indeks Massa Tubuh dan Usia Menarche dengan Kejadian Dismenore pada Remaja Putri. *Babul Ilmi Jurnal Ilmiah Multi Science Kesehatan*, 13(2), 130–136. <https://jurnal.stikes-aisyiyah-palembang.ac.id/index.php/Kep/article/view/930>
- Manuaba. (2010). *Ilmu Kebidanan, Penyakit Kandungan & Keluarga Berencana Untuk Pendidikan Bidan* (2nd ed.). EGC. <https://books.google.co.id/books?id=o7rIQ70xKjYC&printsec=frontcover#v=onepage&q&f=false>
- Mariska, V., Awanis, A., & Ayu, W. A. D. K. (2025). Hubungan Indeks Massa Tubuh (IMT) dengan Derajat Dismenore pada Mahasiswa Sekolah Tinggi Ilmu Kesehatan Nasional Surakarta. *Physio Journal*, 5(1), 1–9. <https://doi.org/https://doi.org/10.30787/phy.jou.v5i1.1565>
- Marmi. (2013). *Gizi Dalam Kesehatan Reproduksi*. Pustaka Pelajar.
- Matsumura, K., Tsuno, K., Okamoto, M., Takahashi, A., Kurokawa, A., Watanabe, Y., & Yoshida, H. (2023). The Association between the Severity of Dysmenorrhea and Psychological Distress of Women Working in Central Tokyo—A Preliminary Study. *International Journal of Environmental Research and Public Health*, 20(21). <https://doi.org/10.3390/ijerph20217021>
- Mehrpooya, M., Eshraghi, A., Rabiee, S., Larki-Harchegani, A., & Ataei, S. (2017). Comparison the Effect of Fish-Oil and Calcium Supplementation on Treatment of Primary Dysmenorrhea. *Reviews on Recent Clinical Trials*, 12(3). <https://doi.org/10.2174/1574887112666170328125529>,
- Miraturrofi'ah, M., Studi, P., Kebidanan -Institut, D., & Rajawali, K. (2020). Kejadia Gangguan Menstruasi Berdasarkan Status Gizi pada Remaja. *Jurnal Asuhan Ibu Dan Anak*, 5(2), 31–42. <https://doi.org/10.33867/jaia.V5I2.191>
- Mon Kyaw, T., Devi Puspanathan, R. A., Sharma, A., Sasidharan, S., Thean Yee, S., Qasih binti Azahari, N., & De, S. (2025). Prevalence of dysmenorrhea among adult females aged 18-50 years and its effects on daily activities: a cross-sectional study in Malaysia, 2024. *Actual Gynecology and Obstetrics*, 17, 11–27. www.actualgyn.com

- Mrugacz, G., Grygoruk, C., Sieczyński, P., Grusza, M., Bołkun, I., & Pietrewicz, P. (2013). Etiopathogenesis of dysmenorrhea. *Med Wieku Rozwoj*, 17(1). <https://pubmed.ncbi.nlm.nih.gov/23749700/>
- Muluneh, A. A., Nigussie, S. T., Kahsay, Z. G., Kiber, T. A., & Zemenu, Y. K. (2018). Prevalence and associated factors of dysmenorrhea among secondary and preparatory school students in Debremarkos town, North-West Ethiopia. *BMC Women's Health*, 18. <https://doi.org/10.1186/s12905-018-0552-x>
- Munro, M. G., Critchley, H. O. D., Fraser, I. S., Haththotuwa, R., Kriplani, A., Bahamondes, L., Füchtner, C., Tonye, R., Archer, D., Abbott, J., Abdel-Wahed, A., Berbic, M., Brache, V., Breitkoph, D., Brill, A., Broder, M., Brosens, I., Chwalisz, K., Clark, J., ... Warner, P. (2018). The two FIGO systems for normal and abnormal uterine bleeding symptoms and classification of causes of abnormal uterine bleeding in the reproductive years: 2018 revisions. *International Journal of Gynecology and Obstetrics*, 143(3), 393–408. <https://doi.org/10.1002/ijgo.12666>,
- Nawaz, G., Rogol, A. D., Jenkins, S. M., & Kuehl, D. (2025). Amenorrhea (Nursing). *StatPearls*. <https://pubmed.ncbi.nlm.nih.gov/33760532/>
- NIOSH. (2020). *Module 3. Diseases and Shift Work (Continued), Reproductive Outcomes | NIOSH | CDC*. <https://www.cdc.gov/niosh/work-hour-training-for-nurses/longhours/mod3/21.html>
- Nurfadilla. (2024). *Hubungan Tingkat Stres dengan Kejadian Dismenore pada Mahasiswi Fakultas Kedokteran Universitas Muhammadiyah Makassar Tahun Ajaran 2022/2023*.
- Nurhayati Muchsin, E., Nanda Febriani, F., Karya Husada Kediri, Stik., & Timur, J. (2024). Pelaksanaan Teknik Relaksasi Nafas Dalam Upaya Penurunan Nyeri Saat Dismenorea Pada Remaja Putri. *Khatulistiwa Nursing Journal*, 6(1), 39–47. <https://doi.org/10.53399/knj.v6i1.251>
- Nyirenda, T., Nyagumbo, E., Murewanhema, G., Mukonowenzou, N., Kagodora, S. B., Mapfumo, C., Bhebhe, M., & Mufunda, J. (2023). Prevalence of dysmenorrhea and associated risk factors among university students in Zimbabwe. *Women's Health*, 19, 1. <https://doi.org/10.1177/17455057231189549>
- Osayande, A. S., & Mehulic, S. (2014). Diagnosis and initial management of dysmenorrhea. *Am Fam Physician*, 89(5). <https://pubmed.ncbi.nlm.nih.gov/24695505/>
- Ozder, A., & Salduz, Z. (2020). The prevalence of dysmenorrhea and its effects on female university students' quality of life: what can we do in primary care? *Int J Clin Exp Med*, 13(9), 6496–6505. www.ijcem.com/

- Parazzini, F., Tozzi, L., M Ezzopane, R., Luchini, L., Marchini, M., & Fedele, L. (1994). Cigarette smoking, alcohol consumption, and risk of primary dysmenorrhea. *Epidemiology*, 5(4), 469–472. <https://doi.org/10.1097/00001648-199407000-00016>,
- Pia Teleman. (2023). Menorrhagia: An Abnormal Condition of Heavy Menstrual Bleeding. *Journal of Labor and Childbirth*, 6(5), 130–132. [https://doi.org/10.37532/jlcb.2023.6\(5\).130-132](https://doi.org/10.37532/jlcb.2023.6(5).130-132)
- Pibriyanti, K., Nufus, N. T., & Luthfiya, L. (2021). The Relationship of the Menstrual Cycle, Menstrual Length, Frequency of Menstruation, and Physical Activities with the Incident of Anemia in Adolescents Girls at Islamic Boarding School. *Journal of Nutrition College*, 10(2), 112–119. <https://doi.org/10.14710/jnc.v10I2.29855>
- Pratiwi, T. Y., & Betria, I. (2021). Konflik Peran Ganda dan Stres Kerja pada Karyawan Perempuan. *Jurnal Ilmiah Cano Ekonomos*, 10(2), 1–14. <https://doi.org/10.30606/cano.v10I2.1127>
- Proctor, M. L., & Farquhar, C. M. (2007). Dysmenorrhoea. *BMJ Clinical Evidence*, 2007, 0813. <https://pmc.ncbi.nlm.nih.gov/articles/PMC2943779/>
- Proverawati, A., & Misaroh, S. (2020). *Menarche Mesntruasi Pertama Penuh Makna*. Nuha Medika. <https://bintangpusnas.perpusnas.go.id/konten/BK57259/menarche-menstruasi-pertama-penuh-makna>
- Putri, N. E. (2020). The Relation of Emotional Regulation with Intensity of Menstrual Pain (Dysmenorrha) in Students of SMPN 8 Pontianak. *Jurnal Nasional Ilmu Kesehatan*, 3(2). <https://journal.unhas.ac.id/index.php/jnik/article/view/10538>
- Putu Artawan, I., Ketut Alit Adianta, I., Ayu Manik Damayanti, I., Studi Sarjana Keperawatan, P., Kesehatan, F., Teknologi dan Kesehatan Bali, I., & Studi Sarjana Farmasi Klinik dan Komunitas, P. (2022). Hubungan Nyeri Haid (Dismenore Primer) Dengan Kualitas Tidur Pada Mahasiswi Sarjana Keperawatan Tingkat IV Itokes Bali Tahun 2022. *Jurnal Riset Kesehatan Nasional*, 6(2), 94–99. <https://doi.org/10.37294/jrkn.v6I2.412>
- Qanash, S., Alwafi, H., Barasheed, S., Bashnaini, S., Andergiri, R., Yaghmour, L., Murad, W., Shabrawishi, M., Naser, A. Y., & Alsyyid, B. (2021). Impact of night shifts on sleeping patterns, psychosocial and physical well-being among healthcare professionals: A cross-sectional study in a tertiary hospital in Saudi Arabia. *BMJ Open*, 11(9). <https://doi.org/10.1136/bmjopen-2020-046036>

- Qin, L. L., Hu, Z., Kaminga, A. C., Luo, B. A., Xu, H. L., Feng, X. L., & Liu, J. H. (2020). Association between cigarette smoking and the risk of dysmenorrhea: A meta-analysis of observational studies. *PLoS ONE*, 15(4). <https://doi.org/10.1371/journal.pone.0231201>.
- Rafique, N., & Al-Sheikh, M. H. (2018). Prevalence of menstrual problems and their association with psychological stress in young female students studying health sciences. *Saudi Medical Journal*, 39(1), 67–73. <https://doi.org/10.15537/smj.2018.1.21438>,
- Ramadhan, R., Putra, W. K. Y., Utari, D. M., & Anwar, K. (2023). Sugary Food and Beverages Consumption, Family History, and Primary Dysmenorrhea in Undergraduate Students, Faculty of Public Health, Universitas Indonesia. *Indonesian Journal of Public Health Nutrition*, 4(1). <https://doi.org/10.7454/jphn.v4i1.7388>
- Riaz, Y., & Parekh, U. (2025). *Oligomenorrhea*. StatPearls. <https://pubmed.ncbi.nlm.nih.gov/32809410/>
- Rifati, W., & Sudiarti, T. (2020). A Family History as Dominant Factors Associated with Dysmenorrhea Among Adolescents. In: *Journal of Health and Medical Sciences*. *Journal of Health and Medical Sciences*, 3(1), 90–97. <https://doi.org/10.31014/aor.1994.03.01.102>
- Rizki, P., Badri, A., Febriani, R., Saraswati, N. A., Artanto, A., Febrianti, Y., Apriyani, S., & Najwa, A. N. (2024). Dysmenorrhea and Seborrheic Dermatitis due to Occupational Stress Among Female Bank Workers. *The Indonesian Journal of Occupational Safety and Health*, 13(1), 2540–7872. <https://doi.org/10.20473/ijosh.v13i1.2024.1-9>
- Rizki Purwaningtyas, D., Fitriani, A., & Darmawansyah Alnur, R. (2025). The relationship between body composition and physical fitness with primary dysmenorrhea among adolescents in urban areas. *BIO Web of Conferences*, 153. <https://doi.org/10.1051/bioconf/202515301003>
- Roro Sekar Arum, V., Yuniastuti, A., Woro Kasmini, O., & Diponegoro, J. (2019). The Relationship of Nutritional Status, Physical Activity, Stress, and Menarche to Menstrual Disorder (Oligomenorrhea). *Public Health Perspective Journal*, 4(1), 37–47. <https://journal.unnes.ac.id/nju/phpj/article/view/18410>
- Ryan, S. A. (2017). The Treatment of Dysmenorrhea. *Pediatric Clinics of North America*, 64(2), 331–342. <https://doi.org/10.1016/j.pcl.2016.11.004>
- Salmah, S. (2021). *Pengantar Ilmu Kesehatan Masyarakat*. Trans Info Media.

- Saragih, P. B. (2023). Hubungan Aktivitas Fisik dan Durasi Kerja Terhadap Gangguan Siklus Menstruasi pada Wanita Usia Subur yang Bekerja. *Midwifery: Jurnal Kebidanan Dan Sains*, 1(1). <https://ejournal.ypayb.or.id/index.php/midwifery/article/view/2>
- Sari, T. M., Suprida, Amalia, R., & Yunola, S. (2023). Faktor-Faktor yang Berhubungan dengan Dismenore pada Remaja Putri. *Jurnal 'Aisyiyah Medika*, 8(2). <https://doi.org/10.36729/jam.v8i2.1103>
- Serya, H., El-Kurdy, R., Serria, E., & El-Gilany, A. H. (2025). Dysmenorrhea among working women and its effect on their work productivity and activity impairment. *Journal of the Egyptian Public Health Association*, 100(1). <https://doi.org/10.1186/s42506-025-00199-7>
- Sharghi, M., Mansurkhani, S. M., Ashtary-Larky, D., Kooti, W., Niksefat, M., Firoozbakht, M., Behzadifar, M., Azami, M., Servatyari, K., & Jouybari, L. (2019). An update and systematic review on the treatment of primary dysmenorrhea. *JBRA Assisted Reproduction*, 23(1), 51. <https://doi.org/10.5935/1518-0557.20180083>
- Shetty, D. P., Patil, N. J., G., S., Belle, V. S., K., A., & Gosh, M. (2025). Effectiveness of Yoga-A Mind-Body Intervention for Pain and Stress Associated with Primary Dysmenorrhea: A Narrative Review. *Adv Mind Body Med*. <https://pubmed.ncbi.nlm.nih.gov/40700532/>
- Sihombing, F. D. M., Gunawan, D., & Putri, M. P. (2022). Pengaruh Pemberian Kompres Hangat Terhadap Penurunan Derajat Dismenore Pada Siswi Mas Ushuluddin Kota Singkawang. *Zona Kedokteran: Program Studi Pendidikan Dokter Universitas Batam*, 12(2), 97–106. <https://doi.org/10.37776/zked.v12i2.1019>
- Sinaga, E., Saribanon, N., Sa'adah Suprihatin Nailus, Salamah, U., Murti, Y. A., Trisnamiati, A., & Lorita, S. (2017). *Manajemen Kesehatan Menstruasi*. Universitas Nasional, IWWASH, Global One.
- Singh, G., Viramgami, A., Makwana, B., Mishra, S., Padhariya, T., Dave, V., & Soundararajan, S. (2025). Effort-reward imbalance, subjective sleep quality, and inflammation in female nurses at a tertiary hospital: a pilot study. *Scientific Reports*, 15(1). <https://doi.org/10.1038/s41598-025-17717-4>
- Situmorang, H., Sutanto, R. L., Tjoa, K., Rivaldo, R., & Adrian, M. (2024). Prevalence and risk factors of primary dysmenorrhoea among medical students: a cross-sectional survey in Indonesia. *BMJ Open*, 14(10), e086052. <https://doi.org/10.1136/bmjopen-2024-086052>

- Sivaprakash, S., & Elantheraiyan, P. (2025). A Study on work stress Among Healthcare employees. *IJFMR - International Journal For Multidisciplinary Research*, 7(2). <https://doi.org/10.36948/IJFMR.2025.V07I02.42308>
- Song, Y., Ni, J., Yuan, J., Zhang, Z., Wang, D., & Xiong, Z. (2025). Effects of low-frequency and high-frequency electroacupuncture pretreatment on the COX-2/mPGES-1/PGE2 pathway in a rat model of cold-coagulation dysmenorrhea. *Frontiers in Immunology*, 16. <https://doi.org/10.3389/fimmu.2025.1563626>
- Suzanne, S., & Brenda, B. (2001). *Buku Ajar Keperawatan Medikal Bedah Brunner dan Suddarth* (8th ed., Vol. 2). EGC.
- Syed, A., & Rao, S. B. (2020). Prevalence of premenstrual syndrome and dysmenorrhea among medical students and its impact on their college absenteeism. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology*, 9(4), 1377. <https://doi.org/10.18203/2320-1770.ijrcog20201042>
- Sznajder, K. K., Harlow, S. D., Burgard, S. A., Wang, Y., Han, C., & Liu, J. (2014). Gynecologic pain related to occupational stress among female factory workers in Tianjin, China. *International Journal of Occupational and Environmental Health*, 20(1), 33–45. <https://doi.org/10.1179/2049396713Y.0000000053>
- Teherán, A. A., Piñeros, L. G., Pulido, F., & Mejía Guatibonza, M. C. (2018). WaLIDD score, a new tool to diagnose dysmenorrhea and predict medical leave in university students. *International Journal of Women's Health*, 10, 35. <https://doi.org/10.2147/ijwh.s143510>
- The American Institute of Stress. (2025). *Workplace Stress Scale™*. <https://www.stress.org/self-assessments/workplace-stress-scale/>
- Thiyagarajan, D. K., Basit, H., & Jeanmonod, R. (2024). Physiology, Menstrual Cycle. *StatPearls*. <https://www.ncbi.nlm.nih.gov/sites/books/NBK500020/>
- Toufexis, D., Rivarola, M. A., Lara, H., & Viau, V. (2014). Stress and the Reproductive Axis. *Journal of Neuroendocrinology*, 26(9), 573. <https://doi.org/10.1111/jne.12179>
- Triwahyuningsih, R. Y., Rahfiludin, M. Z., Sulistiyani, S., & Widjanarko, B. (2024). Role of stress and physical activity on primary dysmenorrhea: A cross-sectional study. *Narra J*, 4(1), e685. <https://doi.org/10.52225/narra.v4I1.685>
- Tulus, V. G., Naharia, M., & Kapahang, G. L. (2023). Analisis Faktor-Faktor Penyebab Stres Kerja Karyawan Bagian Sumber Daya Manusia PT. Bank Rakyat Indonesia Kantor Cabang Manado. *Psikopedia*, 4(2), 141–146. <https://doi.org/10.53682/pj.v4I2.7446>

- Van Uden, B. C. D., Timmermans, A., Van Den Boogaard, E., Motazedi, E., & Vrijkotte, T. G. M. (2024). Determinants of dysmenorrhoea among female adolescents: results from a community-based cohort study in Amsterdam. *Reproductive Bio Medicine Online*, 48(4). <https://doi.org/10.1016/j>
- Villasari, A. (2021). *Fisiologi Menstruasi*. Strada Press.
- Vlachou, E., Owens, D. A., Lavdaniti, M., Kalemikerakis, J., Evagelou, E., Margari, N., Fasoi, G., Evangelidou, E., Govina, O., & Tsartsalis, A. N. (2019). Prevalence, Wellbeing, and Symptoms of Dysmenorrhea among University Nursing Students in Greece. *Diseases (Basel, Switzerland)*, 7(1), 5. <https://doi.org/10.3390/diseases7010005>
- Vodouhe, M. V., Imorou, R. S., Atade, R., Salifou, K., Vignonzan, U., Hounkponou, N. F. M., N'tcha, K., & Obossou, A. A. A. (2020). Prevalence and Factors Associated with Dysmenorrhea in Parakou, Benin. *Open Journal of Obstetrics and Gynecology*, 10(08), 1000–1010. <https://doi.org/10.4236/ojog.2020.1080095>
- Wang, L., Yan, Y., Qiu, H., Xu, D., Zhu, J., Liu, J., & Li, H. (2022). Prevalence and Risk Factors of Primary Dysmenorrhea in Students: A Meta-Analysis. *Value in Health*, 25(8), 1336–1343. <https://doi.org/10.1016/j.jval.2022.01.025>
- Wildayani, D., Lestari, W., Ningsih, W. L., & Sujendri, S. (2023). The Relationship Between Physical Activity Level and Dysmenorrhoea in Young Women. *Medical Journal of Malaysia*. <https://pubmed.ncbi.nlm.nih.gov/37518919/>
- Wiratni, I. G. A., Thanaya, S. A. P., Tianing, N. W., & Kamayoga, I. D. G. A. (2024). The relationship between sedentary lifestyle and intensity of primary dysmenorrhea in adolescent. *Physical Therapy Journal of Indonesia*, 5(2), 178–181. <https://doi.org/10.51559/ptji.v5i2.218>
- Xholli, A., Simoncini, G., Vujosevic, S., Trombetta, G., Chiodini, A., Ferraro, M. F., & Cagnacci, A. (2021). Menstrual pain and elasticity of uterine cervix. *Journal of Clinical Medicine*, 10(5), 1–8. <https://doi.org/10.3390/jcm10051110>
- Xu, M., Yin, X., & Gong, Y. (2023). Lifestyle Factors in the Association of Shift Work and Depression and Anxiety. *JAMA Network Open*, 6(8). <https://doi.org/10.1001/jamanetworkopen.2023.28798>
- Yahaya, Y., Ismail, A. H., & Shamsuddin, N. H. (2022). Primary dysmenorrhoea among reproductive-age women at Kuala Selangor health clinic: Prevalence and factors associated - PubMed. *Med J Malaysia*, 77(5). <https://pubmed.ncbi.nlm.nih.gov/36169068/>

- Yanez, N., Bautista-Roa, S. J., Ruiz-Sternberg, J. E., & Ruiz-Sternberg, Ñ. M. (2010). Prevalence and factors associated with dysmenorrhea in health science students. *Revista Ciencias de La Salud*, 8(3), 37. <https://openurl.ebsco.com/contentitem/gcd:104609170?sid=ebsco:plink:crawler&id=ebsco:gcd:104609170>
- Zeru, A. B., & Muluneh, M. A. (2020). Thyme Tea and Primary Dysmenorrhea Among Young Female Students. *Adolescent Health, Medicine and Therapeutics*, 11, 147–155. <https://doi.org/10.2147/ahmt.s280800>