DAFTAR PUSTAKA

Aditya, R., Santoso, B., & Widjiati, W. (2022). *Anti-Inflammatory and Antioxidant Potential of Syzygium Polyanthum (Wight) Walp. Bioactive Compounds in Polycystic Ovary Syndrome: An in Sillico Study*. *Journal Of Pharmacy and Pharmacognosy Research*, *10*(4), 725–736. Https://Doi.Org/10.56499/Jppres22.1408_10.4.725

Ahmed, A. E. A. M., Elboghdady, A. A., & Ahmed, I. M. M. (2023). *Patient Criteria for Successful Induction of Ovulation by Clomiphene Citrate in Patients with Polycystic Ovary Syndrome. Al-Azhar International Medical Journal*, *4*(11). Https://Doi.Org/10.58675/2682-339X.2098

Ahmed, B., Sultana, R., & Greene, M. W. (2021). *Adipose Tissue and Insulin Resistance in Obese. Biomedicine & Pharmacotherapy*, *137*, 111315. Https://Doi.Org/10.1016/J.Biopha.2021.111315

Al Amin, M., & Juniati, D. (2017). Klasifikasi Kelompok Umur Manusia Berdasarkan Analisis Dimensi Fraktal Box Counting Dari Citra Wajah Dengan Deteksi Tepi Canny. *Jurnal Ilmiah Matematika*, *2*(6).

Anantasika, Botefila, Santoso, B., Hendry, D., Haryadi, D., & Manan, H. (2016). *Konsensus Tata Laksana Sindrom Ovarium Polikistik* (A. Hestiantoro & B. Wiweko, Eds.; 1st Ed.). Himpunan Endokrinologi Reproduksi Dan Fertilitas Indonesia (HIFERI) Perkumpulan Obstetri Dan Ginekologi Indonesia (POGI).

Anisya, V., Dewi Puspitasari, R., Hanriko, R., & Graharti, R. (2019). *Policystic Ovary Syndrom:* Resiko Infertilitas Yang Dapat Dicegah Melalui Penurunan Berat Badan Pada Wanita Obesitas. *Medula*, *9*(2), 257–265. Http://Repository.Lppm.Unila.Ac.Id/21711/1/2639-3345-1-PB.Pdf

Anjasmara, K. D., Hendrawardani, D. A. C., Wijaya, A. T., & Darmiastini, N. K. (2023). Teknik Histerosalpingografi. *TEKNIK*, *50*(1), 292–302. Https://Doi.Org/10.2337/Dc06-1600

Ayudia, E., Ersil, V., Kemala Sari, N., Afriyanti, N., Merwanta Program Studi DIII Farmasi, S., Ranah Minang, Stik., Parak Gadang No, J., Haru, S., & Timur, P. (2022). *Overview Of Off-Label Medicarion Use in Obsteric and Gynecology Patients Abstract*. *Jurnal Farmasetis*, *11*(3).

Bahri Khomami, M., Shorakae, S., Hashemi, S., Harrison, C. L., Piltonen, T. T., Romualdi, D., Tay, C. T., Teede, H. J., Vanky, E., & Mousa, A. (2024). *Systematic Review and Meta-Analysis of Pregnancy Outcomes in Women with Polycystic Ovary Syndrome. Nature Communications*, *15*(1), 5591. Https://Doi.Org/10.1038/S41467-024-49749-1

Bannigida, D. M., Nayak, B. S., & Vijayaraghavan, R. (2020). *Insulin Resistance and Oxidative Marker in Women with PCOS. Archives Of Physiology and Biochemistry*, *126*(2), 183–186. Https://Doi.Org/10.1080/13813455.2018.1499120

Berger, J. J., & Bates, G. W. (2014). *Optimal Management of Subfertility in Polycystic Ovary Syndrome. In International Journal of Women's Health* (Vol. 6, Issue 1, Pp. 613–620). Dove Medical Press Ltd. Https://Doi.Org/10.2147/IJWH.S48527

Bordewijk, E. M., Nahuis, M., Costello, M. F., Van Der Veen, F., Tso, L. O., Mol, B. W. J., & Van Wely, M. (2017*). Metformin During Ovulation Induction with Gonadotrophins Followed by Timed Intercourse or Intrauterine Insemination for Subfertility Associated with Polycystic Ovary Syndrome. Cochrane Database of Systematic Reviews*, *2017*(1). Https://Doi.Org/10.1002/14651858.CD009090.Pub2

Brower, M., Hai, Y., Hai, Y., Jones, M., Guo, X., Chen, Y., Rotter, J., Krauss, R., Legro, R., Azziz, R., & Goodarzi, M. (2018). *Bidirectional Mendelian randomization to explore the causal relationships between body mass index and polycystic ovary syndrome. Human Reproduction*, 34, 127–136. https://doi.org/10.1093/humrep/dey343.

Campbell, J. M., & Mcpherson, N. O. (2019). *Influence of Increased Paternal BMI on Pregnancy and Child Health Outcomes Independent of Maternal Effects: A Systematic Review and Meta-Analysis. Obesity Research & Clinical Practice*, *13*(6), 511–521. Https://Doi.Org/10.1016/J.Orcp.2019.11.003

Cunha, A., & Póvoa, A. M. (2021). *Infertility Management in Women with Polycystic Ovary Syndrome: A Review. Porto Biomedical Journal*, *6*(1), E116. Https://Doi.Org/10.1097/J.Pbj.0000000000000116

Dahan, M., & Reaven, G. (2019). *Relationship among obesity, insulin resistance, and hyperinsulinemia in the polycystic ovary syndrome. Endocrine*, 64, 685-689. https://doi.org/10.1007/s12020-019-01899-9.

Dai, X., Li, J., Fu, T., Long, X., Li, X., Weng, R., Liu, Y., & Zhang, L. (2023). *Ovulation Induction Using Sequential Letrozole/Gonadotrophin in Infertile Women with PCOS: A Randomized Controlled Trial. Reproductive Biomedicine Online*, *46*(2), 352–361. Https://Doi.Org/10.1016/J.Rbmo.2022.08.002

D'Angelo, G., Ascione, M., Morra, I., Verrazzo, P., Bifulco, G., Giampaolino, P., & Della Corte, L. (2023). *What's New on The Horizon for Polycystic Ovarian Syndrome? Exploring Emerging Drugs in Phase II. Expert Opinion on Emerging Drugs*, *28*(3), 149–152. Https://Doi.Org/10.1080/14728214.2023.2260746

Dennett, C. C., & Simon, J. (2015). *The Role of Polycystic Ovary Syndrome in Reproductive and Metabolic Health: Overview and Approaches for Treatment. Diabetes Spectrum*, *28*(2), 116–120. Https://Doi.Org/10.2337/Diaspect.28.2.116

Dewi, N. L. P. (2020). Pendekatan Terapi *Polycystic Ovary Syndrome* (PCOS). *OPINI*, *47*, 703.

Di Lorenzo, M., Cacciapuoti, N., Lonardo, M. S., Nasti, G., Gautiero, C., Belfiore, A., Guida, B., & Chiurazzi, M. (2023). *Pathophysiology and Nutritional*

Approaches in Polycystic Ovary Syndrome (PCOS): A Comprehensive Review. Current Nutrition Reports, *12*(3), 527–544. Https://Doi.Org/10.1007/S13668-023-00479-8

Dokras, A., & Witchel, S. F. (2014). *Are Young Adult Women with Polycystic Ovary Syndrome Slipping Through the Healthcare Cracks? The Journal of Clinical Endocrinology & Metabolism*, *99*(5), 1583–1585. Https://Doi.Org/10.1210/Jc.2013-4190

Drugbank. (2024, December). *Farmakokinetika Letrozole*. Drugbank. Https://Go.Drugbank.Com/Drugs/DB01006

Efrizon, S., Septianora Zulfa, C., Atifah, Y., Achyar, A., & Ramadhani, S. (2021). *Reproductive System in Humans System*. *Universitas Negeri Padang*, *01*(2021). Https://Doi.Org/10.24036/Prosemnasbio/Vol1/95

Ekawati, R. (2019). *Pengantar Kesehatan Reproduksi*. Wineka Media.

El Hayek, S., Bitar, L., Hamdar, L. H., Mirza, F. G., & Daoud, G. (2016). *Poly Cystic Ovarian Syndrome: An Updated Overview. Frontiers in Physiology*, *7*. Https://Doi.Org/10.3389/Fphys.2016.00124

Ernawati Napitupulu, Isyos Sari Sembiring, Titin Suherni, Elnia Elnia, & Rizky Andriani. (2023). Faktor – Faktor yang Mempengaruhi Terjadinya Infertilitas Primer pada Pasangan Usia Subur di Puskesmas Pegajahan Kec. Pegajahan Kab. Serdang Bedagai Tahun 2023. *Jurnal Ventilator*, *1*(3), 258–272. Https://Doi.Org/10.59680/Ventilator.V1i3.650

Esty Safriana, R., Dewi Sitaresmi, S., Profesi Bidan, P., & Kesehatan, F. (2022). Hubungan Siklus Menstruasi Tidak Teratur dengan Dismenore. *Indonesian Journal of Midwifery Today*, *1 (2)*(2), 13. Https://Doi.Org/10.30587/Ijmt.V2i1.3832

Fichman, V., Costa, R. De S. S. Da, Miglioli, T. C., & Marinheiro, L. P. F. (2020). *Association Of Obesity and Anovulatory Infertility. Einstein (São Paulo)*, *18*. Https://Doi.Org/10.31744/Einstein_Journal/2020AO5150

Finn, R. S., Martin, M., Rugo, H. S., Jones, S., Im, S.-A., Gelmon, K., Harbeck, N., Lipatov, O. N., Walshe, J. M., Moulder, S., Gauthier, E., Lu, D. R., Randolph, S., Diéras, V., & Slamon, D. J. (2016). *Palbociclib And Letrozole in Advanced Breast Cancer. New England Journal of Medicine*, *375*(20), 1925–1936. Https://Doi.Org/10.1056/Nejmoa1607303

Forslund, M., Melin, J., Tay, C. T., Loxton, D., Teede, H., & Joham, A. (2024). *Fertility and Age At Childbirth In Polycystic Ovary Syndrome: Results from A Longitudinal Population-Based Cohort Study. Human Reproduction*, *39*(Supplement_1). Https://Doi.Org/10.1093/Humrep/Deae108.1018

Franik, S., Le, Q.-K., Kremer, J. A., Kiesel, L., & Farquhar, C. (2022). *Aromatase Inhibitors (Letrozole) For Ovulation Induction in Infertile Women with Polycystic Ovary Syndrome. Cochrane Database of Systematic Reviews*, *2022*(9). Https://Doi.Org/10.1002/14651858.CD010287.Pub4

Ghosh, B., Glover, A., & Prosser-Snelling, E. (2021). *Prophylactic Bilateral Salpingo-Oophorectomy. The EBCOG Postgraduate Textbook of Obstetrics & Gynaecology*, 499–499. Https://Doi.Org/10.1017/9781108582322

Glueck, C. J., & Goldenberg, N. (2019). *Characteristics Of Obesity in Polycystic Ovary Syndrome: Etiology, Treatment, And Genetics. Metabolism*, *92*, 108–120. Https://Doi.Org/10.1016/J.Metabol.2018.11.002

Gowri, V., Al-Amri, A., Almamari, T. M. A., Al Khaduri, M., & Jaju, S. (2022). *The Success of Ovulation Induction with Letrozole and Gonadotropins in Obese and Nonobese Women: A Study from A Tertiary Center. International Journal of Reproductive Medicine*, *2022*, 1–4. Https://Doi.Org/10.1155/2022/1931716

Graziottin, A., & Gambini, D. (2015). *Anatomy And Physiology of Genital Organs - Women. In Handbook of Clinical Neurology* (Vol. 130, Pp. 39–60). Elsevier B.V. Https://Doi.Org/10.1016/B978-0-444-63247-0.00004-3

Haase, C. L., Varbo, A., Laursen, P. N., Schnecke, V., & Balen, A. H. (2023). *Association Between Body Mass Index, Weight Loss and the Chance of*

Pregnancy in Women with Polycystic Ovary Syndrome and Overweight or Obesity: A Retrospective Cohort Study in the UK. *Human Reproduction*, *38*(3), 471–481. Https://Doi.Org/10.1093/Humrep/Deac267

Harada, M. (2022). *Pathophysiology of Polycystic Ovary Syndrome Revisited: Current Understanding and Perspectives Regarding Future Research. in Reproductive Medicine and Biology* (Vol. 21, Issue 1). John Wiley and Sons Ltd. Https://Doi.Org/10.1002/Rmb2.12487

Harzif, A. K., Santawi, V. P. A., & Wijaya, S. (2019). *Discrepancy In Perception of Infertility and Attitude Towards Treatment Options: Indonesian Urban and Rural Area. Reproductive Health*, *16*(1), 126. Https://Doi.Org/10.1186/S12978-019-0792-8

Hendarto, H., Wiweko, B., Santoso, B., & Harzif, A. K. (2019). *Konsensus Penanganan Infertilitas* (2nd Ed.). Himpunan Endokrinologi Reproduksi dan Fertilitas Indonesia.

Ibáñez, L., & De Zegher, F. (2023). *Adolescent PCOS: a Postpubertal Central Obesity Syndrome. Trends in Molecular Medicine*, *29*(5), 354–363. Https://Doi.Org/10.1016/J.Molmed.2023.02.006

Idicula-Thomas, S., Gawde, U., Bhaye, S., Pokar, K., & Bader, G. D. (2020). *Meta-Analysis of Gene Expression Profiles of Lean and Obese PCOS to Identify Differentially Regulated Pathways and Risk of Comorbidities*. *Computational and Structural Biotechnology Journal*, *18*, 1735–1745. Https://Doi.Org/10.1016/J.Csbj.2020.06.023

Irene, A., Alkaf, S., Zulissetiana, E. F., Usman, F., & Larasaty, V. (2020). Hubungan Pola Makan dengan Risiko Terjadinya Sindrom Ovarium Polikistik Pada Remaja. *Sriwijaya Journal of Medicine*, *3*(1), 65–72. Https://Doi.Org/10.32539/Sjm.V3i1.141

Jeong, Y.-S., & Jusko, W. J. (2021). *Meta-Assessment of Metformin Absorption and Disposition Pharmacokinetics in Nine Species. Pharmaceuticals*, *14*(6), 545. Https://Doi.Org/10.3390/Ph14060545

Kahyaoğlu, S., Yılmaz, B., & Işık, A. Z. (2017). *Pharmacokinetic, Pharmacodynamic, and Clinical Aspects of Ovulation Induction Agents: A Review of The Literature. in Journal of the Turkish German Gynecology Association* (Vol. 18, Issue 1, Pp. 48–55). AVES Ibrahim Kara. Https://Doi.Org/10.4274/Jtgga.2016.0107

Kar, S., & Maharana, L. (2023). #226: *Comparison Of Letrozole Vs Letrozole Plus Metformin as First Line Ovulation Induction Drug for Infertile PCOS Women. Fertility & Reproduction*, *05*(04), 587–587. Https://Doi.Org/10.1142/S2661318223743266

Karkera, S., Agard, E., & Sankova, L. (2023). *The Clinical Manifestations of Polycystic Ovary Syndrome (PCOS) And the Treatment Options. European Journal of Biology and Medical Science Research*, *11*(1), 57–91. Https://Doi.Org/10.37745/Ejbmsr.2013/Vol11n15791

Kementrian Kesehatan Republik Indonesia. (2020). *Farmakope Indonesia Edisi VI* (VI). Kementrian Kesehatan RI.

Kicińska, A. M., Maksym, R. B., Zabielska-Kaczorowska, M. A., Stachowska, A., & Babińska, A. (2023). *Immunological And Metabolic Causes of Infertility in Polycystic Ovary Syndrome. In Biomedicines* (Vol. 11, Issue 6). MDPI. Https://Doi.Org/10.3390/Biomedicines11061567

Kranthi, S., Velisetti, Vankadavath, M. N., Pilladi, S., Indraja, & Molleti, V. R. K. (2024). *Study On Women with Polycystic Ovary Syndrome and Their Health-Related Quality-Of-Life by Confirmatory Analysis. Journal of Pharma Insights and Research*, *2*(5), 145–154. Https://Doi.Org/10.69613/K027h464

Kurniawati, E. Y., Hadisaputro, S., & Suwandono, A. (2023). Profil Klinis Wanita Dengan Sindrom Ovarium Polikistik. *Media Ilmu Kesehatan*, *11*(2). Https://Doi.Org/10.30989/Mik.V11i2.762

Kusumastutia, D. A., & Hartinah, D. (2018). Hubungan Antara Periode Penggunaan Alat Kontrasepsi Suntik 3 Bulan dengan Siklus Menstruasi. *Jurnal Ilmu Keperawatan Dan Kebidanan*, *9*(2), 177.

Kyrou, I., Weickert, M. O., & Randeva, H. S. (2015). *Diagnosis And Management of Polycystic Ovary Syndrome (PCOS)*. Https://Doi.Org/DOI 10.1007/978-1-4471-2789-5_13

Lefebvre, J., Antaki, R., Kadoch, I.-J., Dean, N. L., Sylvestre, C., Bissonnette, F., Benoit, J., Ménard, S., & Lapensée, L. (2015). *450 IU Versus 600 IU Gonadotropin for Controlled Ovarian Stimulation in Poor Responders: A Randomized Controlled Trial. Fertility And Sterility*, *104*(6), 1419–1425. Https://Doi.Org/10.1016/J.Fertnstert.2015.08.014

Legro, R. S., Brzyski, R. G., Diamond, M. P., Coutifaris, C., Schlaff, W. D., Casson, P., Christman, G. M., Huang, H., Yan, Q., Alvero, R., Haisenleder, D. J., Barnhart, K. T., Bates, G. W., Usadi, R., Lucidi, S., Baker, V., Trussell, J. C., Krawetz, S. A., Snyder, P., … Zhang, H. (2014). *Letrozole Versus Clomiphene for Infertility in The Polycystic Ovary Syndrome. New England Journal of Medicine*, *371*(2), 119–129. Https://Doi.Org/10.1056/Nejmoa1313517

Lentscher, J. A., & Decherney, A. H. (2021). *Clinical Presentation and Diagnosis of Polycystic Ovarian Syndrome. Clinical Obstetrics & Gynecology*, *64*(1), 3–11. Https://Doi.Org/10.1097/GRF.0000000000000563

Lexicomp. (2008). *Drug Information Handbook: A Comprehensive Resource for All Clinicians and Healthcare Professionals* (C. F. Lacy, L. L. Armstrong, M. P. Goldman, & L. L. Lance, Eds.; 17th Ed.). Lexicomp.

Li, M., Ruan, X., & Mueck, A. O. (2022). *Management Strategy of Infertility in Polycystic Ovary Syndrome. Global Health Journal*, *6*(2), 70–74. Https://Doi.Org/10.1016/J.Glohj.2022.03.002

Li, S., He, Y., Cao, M., Liu, H., & Liu, J. (2020). *Low-Dose Human Menopausal Gonadotrophin Versus Natural Cycles in Intrauterine Insemination for Subfertile Couples with Regular Menstruation. Journal Of Ovarian Research*, *13*(1). Https://Doi.Org/10.1186/S13048-020-00638-3

Li, Y., Chen, C., Ma, Y., Xiao, J., Luo, G., Li, Y., & Wu, D. (2019). *Multi-System Reproductive Metabolic Disorder: Significance for the Pathogenesis and Therapy Of Polycystic Ovary Syndrome (PCOS). Life Sciences*, *228*, 167–175. Https://Doi.Org/10.1016/J.Lfs.2019.04.046

Liao, B., Qi, X., Yun, C., Qiao, J., & Pang, Y. (2022). *Effects Of Androgen Excess-Related Metabolic Disturbances on Granulosa Cell Function and Follicular Development. Frontiers In Endocrinology*, *13*. Https://Doi.Org/10.3389/Fendo.2022.815968

Lim, J. U., Lee, J. H., Kim, J. S., Hwang, Y. Il, Kim, T.-H., Lim, S. Y., Yoo, K. H., Jung, K.-S., Kim, Y. K., & Rhee, C. K. (2017). *Comparison of World Health Organization and Asia-Pacific Body Mass Index Classifications in COPD Patients. International Journal of Chronic Obstructive Pulmonary Disease*, *Volume 12*, 2465–2475. Https://Doi.Org/10.2147/COPD.S141295

Lipska, K. J. (2017). *Metformin Use in Patients with Historical Contraindications. Annals Of Internal Medicine*, *166*(3), 225. Https://Doi.Org/10.7326/M16-2712

Liu, Z., Geng, Y., Huang, Y., Hu, R., Li, F., Song, Y., & Zhang, M. (2023). *Letrozole Compared with Clomiphene Citrate for Polycystic Ovarian Syndrome*. *Obstetrics & Gynecology*. Https://Doi.Org/10.1097/AOG.0000000000005070

Luh, N. D. P. R. (2020). *Pendekatan Terapi Polycystic Ovary Syndrome (PCOS)*.

Luh Yosi Andarini, N., Ahmad Shammakh, A., Yumna, N., Ayu Made Mahayani,. (2024). Hubungan Indeks Massa Tubuh (IMT), Siklus Menstruasi Dan Infertilitas Dengan Kejadian *Polycystic Ovary Syndrome* (PCOS) di Rumah Sakit Umum Dharma Yadnya Denpasar. *Jurnal Ilmiah Wahana Pendidikan*, *2024*(19), 689–699. Https://Doi.Org/10.5281/Zenodo.14434279

Ma, Ning., Zhou, J., & Lu, W. (2023*). The Normal Body Mass Index (BMI) of Women with Polycystic Ovary Syndrome (PCOS) was Associated with IVF/ICSI Assisted Conception* Outcomes. *Clinical and Experimental Obstetrics & Gynecology*. https://doi.org/10.31083/j.ceog5011228.

Madziyire, M. G., Magwali, T. L., Chikwasha, V., & Mhlanga, T. (2021). *The Causes of Infertility in Women Presenting to Gynaecology Clinics in Harare, Zimbabwe; A Cross Sectional Study. Fertility Research and Practice*, *7*(1), 1. Https://Doi.Org/10.1186/S40738-020-00093-0

Mareta, R., Amran, R., Larasati, V. (2018). Hubungan *Polycystic Ovary Syndrome (PCOS)* dengan Infertilitas Di Praktik Swasta Dokter Obstetriginekologi Palembang. Studi Pendidikan Dokter, P., Kedokteran, F., Sriwijaya, U., Fertilitas Endokrinologi Reproduksi, B., Obstetri Dan Ginekologi RSUP Dr. mohammad Hoesin Palembang.

Masaeli, A., Nayeri, H., & Mirzaei, M. (2021). *A Detailed Cutaneous Manifestations Evaluation in Patients with Polycystic Ovary Syndrome. Sciences, 7*, 1–6. Https://Doi.Org/10.22037/Amls.V7.30828

Mbi Feh, M. K., Patel, P., & Wadhwa, R. (2024). *Clomiphene*. In *Statpearls*. Http://Www.Ncbi.Nlm.Nih.Gov/Pubmed/25681838

Mccartney, C. R., & Marshall, J. C. (2016). *Polycystic Ovary Syndrome. New England Journal of Medicine*, *375*(1), 54–64. Https://Doi.Org/10.1056/Nejmcp1514916

Menteri Kesehatan Republik Indonesia. (2019). *Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/Menkes/638/2019 tentang Penetapan*

Rumah Sakit Anak dan Bunda Harapan Kita sebagai Rumah Sakit Khusus Tipe A dan Pusat Kesehatan Ibu dan Anak Nasional. Kementerian Kesehatan RI.

Merck Serono Australia Pty Ltd. (2017). *Polycystic Ovary Syndrome (PCOS): The Symptoms Explained, Your Treatment Options, And Coping Emotionally with Infertility. Pathways To Parenthood Booklet Series.* Merck Serono.

Micromedex. (2024a). *Gonadotropin*. Micromedex. Https://Www.Micromedexsolutions.Com/Micromedex2/Librarian/CS/39C169/ND_PR/Evidencexpert/ND_P/Evidencexpert/DUPLICATIONSHIELDSYNC/E5F580/ND_PG/Evidencexpert/ND_B/Evidencexpert/ND_Appproduct/Evidencexpert/ND_T/Evidencexpert/Pfactionid/Evidencexpert.Intermediatetodocumentlink?Docid=261025&Contentsetid=100&Title=Chorionic+Gonadotropin&Servicestitle=Chorionic+Gonadotropin&Topicid=Null#

Micromedex. (2024b). *Letrozole*. Micromedex. Https://Www.Micromedexsolutions.Com/Micromedex2/Librarian/CS/3FD80B/ND_PR/Evidencexpert/ND_P/Evidencexpert/DUPLICATIONSHIELDSYNC/F562D8/ND_PG/Evidencexpert/ND_B/Evidencexpert/ND_Appproduct/Evidencexpert/ND_T/Evidencexpert/Pfactionid/Evidencexpert.Dointegratedsearch?Searchterm=Letrozole&Usersearchterm=Letrozole&Searchfilter=Filternone&Navitem=Searchall#

MIMS. (2020). *MIMS: Petunjuk Konsultasi* (R. D. Pascual & Evaria, Eds.; 20th Ed.). PT Medidata Indonesia.

Murtiana, Y., Sulistyono, R., & Widyastuti, N. S. (2021). Peningkatan aktivitas belajar dan hasil belajar pembelajaran tematik menggunakan model Problem Based Learning pada kelas IV SD Negeri Margomulyo 1. *Jurnal Pendidikan Guru Sekolah Dasar*, *9*(4), 1526–1535.

Musa, S., & Osman, S. (2020). *Risk Profile of Qatari Women Treated for Infertility in A Tertiary Hospital: A Case-Control Study. Fertility Research and Practice*, *6*(1), 12. Https://Doi.Org/10.1186/S40738-020-00080-5

Nabieva, N., Fehm, T., Häberle, L., De Waal, J., Rezai, M., Baier, B., Baake, G., Kolberg, H.-C., Guggenberger, M., Warm, M., Harbeck, N., Wuerstlein, R., Deuker, J.-U., Dall, P., Richter, B., Wachsmann, G., Brucker, C., Siebers, J. W., Popovic, M., … Fasching, P. A. (2018). *Influence Of Side-Effects on Early Therapy Persistence with Letrozole in Post-Menopausal Patients with Early Breast Cancer: Results of the Prospective Evaluate-TM Study. European Journal of Cancer*, *96*, 82–90. Https://Doi.Org/10.1016/J.Ejca.2018.03.020

National Center for Biotechnology Information. (2024a). *Gnrh-I*. Pubchem. Https://Pubchem.Ncbi.Nlm.Nih.Gov/Compound/Gnrh-I

National Center for Biotechnology Information. (2024b). *Letrozole*. Pubchem. Https://Pubchem.Ncbi.Nlm.Nih.Gov/Compound/Letrozole

National Center for Biotechnology Information. (2024c). *Metformin*. Pubchem. Https://Pubchem.Ncbi.Nlm.Nih.Gov/Compound/Metformin

Naumova, I., Castelo-Branco, C., & Casals, G. (2021). *Psychological Issues and Sexual Function in Women with Different Infertility Causes: Focus on Polycystic Ovary Syndrome. Reproductive Sciences*, *28*(10), 2830–2838. Https://Doi.Org/10.1007/S43032-021-00546-X

Notaro, A. L. G., & Neto, F. T. L. (2022). *The Use of Metformin in Women with Polycystic Ovary Syndrome: An Updated Review. Journal Of Assisted Reproduction and Genetics*, *39*(3), 573–579. Https://Doi.Org/10.1007/S10815-022-02429-9

Oktavia, R., Lanita, U., Astuti Siregar, S., Ode Reskiaddin, L., & Mawarti Perdana, S. (2024). *Effectiveness Of Health Education About Polycystic Ovary Syndrome (PCOS) Through Social Media on Knowledge and Attitudes Young Women at* Madrasah Aliyah Laboratorium Jambi. *Jurnal Kesmas Jambi*, *8*(2).

Penzias, A., Bendikson, K., Butts, S., Coutifaris, C., Falcone, T., Fossum, G., Gitlin, S., Gracia, C., Hansen, K., La Barbera, A., Mersereau, J., Odem, R., Paulson, R., Pfeifer, S., Pisarska, M., Rebar, R., Reindollar, R., Rosen, M., Sandlow, J.,

& Vernon, M. (2017). *Role Of Metformin for Ovulation Induction in Infertile Patients with Polycystic Ovary Syndrome (PCOS): A Guideline. Fertility and Sterility*, *108*(3), 426–441. Https://Doi.Org/10.1016/J.Fertnstert.2017.06.026

Rahman, H., & Anggi, T. (2019). Kajian Interaksi Obat Metformin pada Pasien Diabetes Mellitus. *Jurnal Farmasetis* , *8*(2), 55–58.

Ranathunga, I., Athukorala, T. G., Sumanatilleke, M. R., & Somasundaram, N. P. (2022). *Evaluation Of Socio-Demographic and Clinical Characteristics of PCOS Patients Attending a Tertiary Care Institute in Colombo. BMC Endocrine Disorders*, *22*(1), 289. Https://Doi.Org/10.1186/S12902-022-01206-0

Richard S. Legro, MD. (2018). *Polycystic Ovary Syndrome. Obstetrics & Gynecology, 131*(6), E157–E171. Https://Doi.Org/10.1097/AOG.0000000000002656

Rusly, D. K., Rahmayanti, Y., & Fazira, U. (2022). Hubungan Siklus Menstruasi Dengan Faktor Hirsutisme Dan Pcos Pada Mahasiswi Fakultas Kedokteran. In *Jurnal Ilmu Kedokteran Dan Kesehatan* (Vol. 9, Issue 2). Http://Ejurnalmalahayati.Ac.Id/Index.Php/Kesehatan

Sadeghi, H. M., Adeli, I., Calina, D., Docea, A. O., Mousavi, T., Daniali, M., Nikfar, S., Tsatsakis, A., & Abdollahi, M. (2022). *Polycystic Ovary Syndrome: A Comprehensive Review of Pathogenesis, Management, And Drug Repurposing. In International Journal of Molecular Sciences* (Vol. 23, Issue 2). MDPI. Https://Doi.Org/10.3390/Ijms23020583

Sari, D. A., Kurniawati, E. Y., & Ashari, M. A. (2023). Skrining Dan Determinan Kejadian Sindrom Ovarium Poilikistik (SOPK) Pada Remaja. *Jurnal Ilmu Kebidanan*, *9*(2), 102–106. Https://Doi.Org/10.48092/Jik.V9i2.211

Sharpe, A., Morley, L. C., Tang, T., Norman, R. J., & Balen, A. H. (2019). *Metformin For Ovulation Induction (Excluding Gonadotrophins) In Women*

with Polycystic Ovary Syndrome. Cochrane Database of Systematic Reviews, *2019*(12). Https://Doi.Org/10.1002/14651858.CD013505

Sidra, S., Tariq, M. H., Farrukh, M. J., & Mohsin, M. (2019). *Evaluation of Clinical Manifestations, Health Risks, And Quality of Life Among Women with Polycystic Ovary Syndrome. Plos One*, *14*(10), E0223329. Https://Doi.Org/10.1371/Journal.Pone.0223329

Sirait, I., & Futriani, E. S. (2024). Hubungan Faktor Usia Dan Gangguan Ovulasi Dengan Kejadian Infertilitas Pada Wanita Usia Subur di Poli Klinik Kandungan Rumah Sakit EMC Pulomas. *Malahayati Nursing Journal*, *6*(5), 1824–1836. Https://Doi.Org/10.33024/Mnj.V6i5.11223

Sirmans, S. M., & Pate, K. A. (2015). *Epidemiology, Diagnosis, And Management of Polycystic Ovary Syndrome. Clinical Epidemiology*, *6*(1), 1–13. Https://Doi.Org/10.2147/Clep.S37559

Susilawati, D. (2019). Hubungan Obesitas Dan Siklus Menstruasi Dengan Kejadian Infertilitas Pada Pasangan Usia Subur di Klinik Dr.Hj. Putri Sri Lasmini SpOG (K) Periode Januari-Juli Tahun 2017. *Jurnal Kesehatan Mercusuar*, *2*(1), 8. Https://Doi.Org/10.36984/Jkm.V2i1.20

Syah, I., Loho, M., Wagey, F., Skripsi, K., Kedokteran, F., Sam, U., Manado, R., Obstetri, B., Fakultas, G., Universitas, K., & Manado, S. R. (2015). Luaran Pemberian Klomifen Sitrat Berupa Angka Keberhasilan Kehamilan Pada Wanita Sindrom Ovarium Polikistik. In *Jurnal E-Clinic (Ecl)* (Vol. 3, Issue 1).

Syamsuryadin, Suharjana, Laksmi, A. R., Dewangga, M. W., Sirada, A., Hutomono, S., & Santoso, N. P. B. (2022). *Correlation Between Body Mass Index and Cardiovascular Fitness of Volleyball Athletes at Athletes Training Center During the Covid-19 Pandemic. Journal Of Medicinal and Chemical Sciences*, *5*(4), 631–636. Https://Doi.Org/10.26655/JMCHEMSCI.2022.4.19

Talukdar, H., & Sahu, S. K. (2016). *A Morphological Study on Fallopian Tube. International Journal of Anatomy and Research*, *4*(4.2), 3066–3071. Https://Doi.Org/10.16965/Ijar.2016.403

Tannus, S., Burke, Y. Z., & Kol, S. (2015). *Treatment Strategies for the Infertile Polycystic Ovary Syndrome Patient. Women's Health*, *11*(6), 901–912. Https://Doi.Org/10.2217/Whe.15.40

Tarigan, R. A., & Ramadhanti, S. (2019). *Effect of Bmi (Body Mass Index) on the Occurrence of Secondary Infertility in Female Nurses in Batam Hospital*. *Journal Of Midwifery*, *7*(2), 36–42.

*The American Society for Reproductive Medicine. (*2021). *Age And Fertility: A Guide for Patient*. The American Society for Reproductive Medicine.

Turner, F., Powell, S. G., Al-Lamee, H., Gadhvi, A., Palmer, E., Drakeley, A., Sprung, V. S., Hapangama, D., & Tempest, N. (2024). *Impact Of BMI on Fertility in an Otherwise Healthy Population: A Systematic Review and Meta-Analysis. BMJ Open*, *14*(10), E082123. Https://Doi.Org/10.1136/Bmjopen-2023-082123

Van Hooff, M. H. A., Caanen, M. R., Peters, H. E., Laven, J. S. E., & Lambalk, C. B. (2025). *Adolescent Menstrual Cycle Pattern, Body Mass Index, Endocrine and Ovarian Ultrasound Characteristics of PCOS and Future Fertility, Cardiovascular-, and Metabolic Health: A 25-Year Longitudinal Follow-Up Study. Human Reproduction*, *40*(1), 138–147. Https://Doi.Org/10.1093/Humrep/Deae262

Vollenhoven, B., & Hunt, S. (2018). *Ovarian Ageing and The Impact on Female Fertility. Research, 7,* 1835. Https://Doi.Org/10.12688/F1000research.16509.1

Von Hofe, J., & Bates, G. W. (2015). *Ovulation Induction. Obstetrics And Gynecology Clinics of North America*, *42*(1), 27–37. Https://Doi.Org/10.1016/J.Ogc.2014.09.007

Vyrides, A. A., El Mahdi, E., & Giannakou, K. (2022). *Ovulation Induction Techniques in Women with Polycystic Ovary Syndrome. Frontiers In Medicine*, *9*, 982230. Https://Doi.Org/10.3389/Fmed.2022.982230

Wahyu Herawati, L., Syam Sidiq Himawan, N., Studi Sarjana Farmasi, P., & Muhammadiyah Wonosobo, S. (2021). Penggunaan Metformin Terhadap Kejadian Efek Samping Mual Muntah Pada Pasien Diabetes Melitus. *Jurnal Pendidikan Tambusai*, *5*(3), 11328–11332.

Wahyudi, D., Idris, J., & Abidin, Z. (2023). Tren Dan Isu Penelitian Uji-T Dan Chi Kuadrat dalam Bidang Pendidikan. *Journal Of Mathematics Education*, *4*(2), 182–196.

Wahyuni, M., Decroli, E., & Lasmini, P. S. (2015). Hubungan Resistensi Insulin dengan Gambaran Klinis Sindrom Ovarium Polikistik. *Jurnal Kesehatan Andalas*, *4*(3). Https://Doi.Org/10.25077/Jka.V4i3.385

Weiss, N. S., Kostova, E. B., Mol, B. W. J., & Van Wely, M. (2025). *Gonadotropins For Ovulation Induction in Women with Polycystic Ovary Syndrome. Cochrane Database of Systematic Reviews*, *2025*(4). Https://Doi.Org/10.1002/14651858.CD010290.Pub4

Wen, X., Wang, L., & Lv, S. (2024). *Follicular Development and Endometrial Receptivity of Different Androgen Phenotypes in Women with Polycystic Ovary Syndrome. Frontiers in Endocrinology*, *15*. Https://Doi.Org/10.3389/Fendo.2024.1400880

White, D. M., Hardy, K., Lovelock, S., & Franks, S. (2018). *Low-Dose Gonadotropin Induction of Ovulation in Anovulatory Women: Still Needed in the Age of IVF. Reproduction, 156*(1), F1–F10. Https://Doi.Org/10.1530/REP-17-0697

Witchel, S. F., Oberfield, S. E., & Peña, A. S. (2019). *Polycystic Ovary Syndrome: Pathophysiology, Presentation, And Treatment with Emphasis on Adolescent*

Girls. Journal of the Endocrine Society, *3*(8), 1545–1573. Https://Doi.Org/10.1210/Js.2019-00078

Witchel, S. F., Teede, H. J., & Peña, A. S. (2020). *Curtailing PCOS. Pediatric Research*, *87*(2), 353–361. Https://Doi.Org/10.1038/S41390-019-0615-1

Xu, Y., & Qiao, J. (2022). *Association Of Insulin Resistance and Elevated Androgen Levels with Polycystic Ovarian Syndrome (PCOS): A Review of Literature. Journal Of Healthcare Engineering*, *2022*, 1–13. Https://Doi.Org/10.1155/2022/9240569

Yang, J., & Chen, C. (2024). *Hormonal Changes In PCOS. Journal Of Endocrinology, 261*(1). Https://Doi.Org/10.1530/JOE-23-0342

Yildiz, B. O., Chang, W., & Azziz, R. (2003). *Polycystic Ovary Syndrome and Ovulation Induction. Minerva Ginecologica*, *55*(5), 425–439.

Yong, W., Wang, J., Leng, Y., Li, L., & Wang, H. (2023). *Role Of Obesity in Female Reproduction. International Journal of Medical Sciences*, *20*(3), 366–375. Https://Doi.Org/10.7150/Ijms.80189

Yulviana, R., Karlinah, N., & Maita, L. (2020). *Buku Ajar Biologi Reproduksi*. STIK Hang Tuah.

Zahra, A. T., Saleh, M. I., Hafy, Z., Effendi, Y., Maritska, Z., & Liberty, I. A. (2023). *Decreased Sex Hormone-Binding Globulin (SHBG) Serum Level in Polycystic Ovarian Syndrome Patients* (PCOS). *Biomedika*, 13–17. Https://Doi.Org/10.23917/Biomedika.V15i1.1744

Zeng, R., Chen, H., Zeng, X., & Qin, L. (2022). *The Essential Role of Body Weight in Adjusting Gn Dosage to Prevent High Ovarian Response for Women with PCOS During IVF: A Retrospective Study. Frontiers In Endocrinology*, *13*. Https://Doi.Org/10.3389/Fendo.2022.922044

Zeng, X., Xie, Y., Liu, Y., Long, S., & Mo, Z. (2020). *Polycystic Ovarian Syndrome: Correlation Between Hyperandrogenism, Insulin Resistance and Obesity.*

Clinica Chimica Acta, 502, 214–221. Https://Doi.Org/10.1016/J.Cca.2019.11.003

Zhou, H., Zhang, D., Luo, Z., Yang, A., Cui, N., Hao, G., & Wang, W. (2020). *Association Between Body Mass Index and Reproductive Outcome in Women With Polycystic Ovary Syndrome Receiving* IVF/ICSI-ET. *Biomed Research International*, *2020*(1). Https://Doi.Org/10.1155/2020/6434080

Zhu, X. (2024). P-631 *Extended letrozole regimen versus routine letrozole regimen in women with polycystic ovary syndrome undergoing their first ovulation induction cycle. Human Reproduction*. https://doi.org/10.1093/humrep/deae108.963.