

DAFTAR PUSTAKA

- Agarwal, A., Sharma, R., Harlev, A., & Esteves, S.C. (2016) 'Effect of varicocele on semen characteristics according to the new 2010 World Health Organization criteria: a systematic review and meta - analysis', pp. 163–170. doi: 10.4103/1008-682X.172638.
- Ahmed, T. A., Ahmed, S.M., Gammal, Z., Shouman, S., & Ahmed, A. (2019) 'Oocyte Aging: The Role of Cellular and Environmental Factors and Impact on Female Fertility'.
- ASRM. (2020) 'Intracytoplasmic sperm injection (ICSI) for non – male factor indications : a committee opinion', *Fertility and Sterility*. American Society for Reproductive Medicine, 114(2), pp. 239–245. doi: 10.1016/j.fertnstert.2020.05.032.
- Atzmon, Y., Karchovsky, E., Michaeli, M., Aslih, N., & Shrem, G. (2017) 'Obesity results with smaller oocyte in in vitro fertilization/ intracytoplasmic sperm injection cycles — a prospective study'. *Journal of Assisted Reproduction and Genetics*, pp. 1145–1151. doi: 10.1007/s10815-017-0975-6.
- Balaban, B. (2011) 'The Istanbul consensus workshop on embryo assessment : proceedings', 26(6), pp. 1270–1283. doi: 10.1093/humrep/der037.
- Barra, F., Lagana, A.S., Scala, C., Garzon, S., Ghezzi, F., & Ferrero, S. (2020) 'Pretreatment with dienogest in women with endometriosis undergoing IVF after a previous failed cycle', *Reproductive BioMedicine Online*. Elsevier Ltd, 41(5), pp. 859–868. doi: 10.1016/j.rbmo.2020.07.022.
- Becker, C. M., Heikinheimo, O., Horne, A., Jansen, F., Kiesel, L., King, K., Kvaskoff, M., Nap, A., Petersen, K., Saridogan, E., Tomassetti, C., & Hanegem, N. (2022) 'ESHRE guideline: endometriosis ', *Human Reproduction Open*, pp. 1-26. doi: doi.org/10.1093/hropen/hoac009.
- Borges, E., Setti, A.S., Braga, D.P.A.F., Figuera, R.C.S., & Laconeli, A. (2016) 'Total motile sperm count has a superior predictive value over the WHO 2010 cut-off values for the outcomes of intracytoplasmic sperm injection cycles'. *Andrology*, 4, 880-886. doi: 10.1111/andr.12199.
- Borges, E., Zanetti, B.F., Setti, A.S., Braga, D.P.A.F., Provenza, R.R., & Laconeneli, A. (2019) 'Sperm DNA fragmentation is correlated with poor embryo development, lower implantation rate and higher miscarriage rate in reproductive cycles of non – male factor infertility', *Fertility and Sterility*. Elsevier Inc., pp. 1–7. doi: 10.1016/j.fertnstert.2019.04.029.
- Broughton, D. E., & Moley, K. H. (2017) 'Obesity and female infertility: potential mediators of obesity's impact', *Fertility and Sterility*. Elsevier Inc., 107(4), pp. 840–847. doi: 10.1016/j.fertnstert.2017.01.017.
- Bundhun, P. K., Janoo, G., Bhurtu, A., Teeluck, A.R., Soogund, A.Z.S., Pursun, M., & Huang, F. (2019) 'Tobacco smoking and semen quality in infertile males: a systematic review and meta-analysis'. *BMC Public Health*, pp. 1–11. doi: /10.1186/s12889-018-6319-3.

- Casillas, F. Betancourt, M., Cuello, C., Docolomb, Y., Lopez, A., Rojaz, L.J., & Marquez, S.R. (2018) 'An efficiency comparison of different in vitro fertilization methods : IVF , ICSI , and PCSI for embryo development to the blastocyst stage from vitrified porcine immature oocytes'. *Porcine Health Management*, pp. 1–12. doi: 10.1186/s40813-018-0093-6.
- Chapuis, A., Gala, A., Hoa, A.F., Mullet, T., Deutsch, S.B., Vintejou, E., Torre, A., & Hamamah, S. (2017) 'Sperm quality and paternal age : effect on blastocyst formation and pregnancy rates', *Basic and Clinical Andrology*. *Basic and Clinical Andrology*, pp. 1–9. doi: 10.1186/s12610-016-0045-4.
- Cimadomo, D., Fabozzi, G., Vaiarelli, A., Ubaldi, N., Ubaldi, F.M. & Rienzi, L. (2018) 'Impact of Maternal Age on Oocyte and Embryo Competence', 9(June). doi: 10.3389/fendo.2018.00327.
- Colaco, S., & Sakkas, D. (2018) 'Paternal factors contributing to embryo quality'. *Journal of Assisted Reproduction and Genetics*, pp. 1953–1968. doi: /10.1007/s10815-018-1304-4.
- Dai, X., Wang, Y., Yang, H., Goa, T., Yu, C., Cao, F., Xia, X., Wu, J., Zhou, X., & Chen, L. (2020) 'OPEN AMH has no role in predicting oocyte quality in women with advanced age undergoing IVF / ICSI cycles', *Scientific Reports*. Nature Publishing Group UK, pp. 1–9. doi: 10.1038/s41598-020-76543-y.
- Dhole, B., & Kumar, A. (2017) 'Spermatogenesis', dalam *Basics of Human Andrology: Text Book*, diedit oleh A. Kumar, M. Sharma, India: Springer Nature, halaman 135.
- Dongye, H., Ji, X., Ma, X., Song, J., & Yan, L. (2021) 'The Impact of Endometriosis on Embryo Quality in in- vitro Fertilization / Intracytoplasmic Sperm Injection : A Systematic Review and', 8(June), pp. 1–8. doi: 10.3389/fmed.2021.669342.
- Dunselman, G.A., Vermeulen, N., Becker, C., Calhaz-Jorge, C., D'Hooghe, T., De Bie, B., Heikinheimo, O., Horne, A.W., Kiesel, L., Nap, A., Prentice, A., Saridogan, E., Soriano, D., & Nelen W. ESHRE guideline: management of women with endometriosis. *Hum Reprod*. 2014 Mar;29(3):400-12. doi: 10.1093/humrep/det457.
- Elbashir, S., Magdi, Y., Rashed, A. Ibrahim, M.A., Edris, Y., & Abdelaziz, A.M. (2018) 'Relationship between sperm progressive motility and DNA integrity in fertile and infertile men', *Middle East Fertility Society Journal*. Middle East Fertility Society, 23(3), pp. 195–198. doi: 10.1016/j.mefs.2017.12.002.
- Esteves, S.C., Roque, M., Bedoschi, G.M., Conforti, A., Humaian, P., & Alviggi, C. (2018) 'Defining Low Prognosis Patients Undergoing Assisted Reproductive Technology : POSEIDON Criteria — The Why', 9(August), pp. 1–10. doi: 10.3389/fendo.2018.00461.
- Fausser, B.C.M. (2004) 'Revised 2003 consensus on diagnostic criteria and long-term health risks related to polycystic ovary syndrome (PCOS)', 19(1), pp. 41–47. doi: 10.1093/humrep/deh098.
- Garcia-Ferreya, J., Carpio, J., Zambrano, M., Mejia, P.F., & Rivera, P.V. (2021) 'Original Article Overweight and obesity significantly reduce pregnancy, implantation, and live birth rates in women undergoing In Vitro Fertilization procedures', 25(3), pp. 394–402. doi: 10.5935/1518-0557.20200105.

- Gardner, D. K. & Balaban, B. (2016) 'Assessment of human embryo development using morphological criteria in an era of time-lapse , algorithms and " OMICS " : is looking good still important?', 22(10), pp. 704–718. doi: 10.1093/molehr/gaw057.
- Hanson, B. M., Kim, J.G., Osman, E.K., Tiegs, A.W., Lathi, R.B., Cheng, P.J., Scott, R.T., & Franasiak, J.M. (2020) 'Impact of paternal age on embryology and pregnancy outcomes in the setting of a euploid single-embryo transfer with ejaculated sperm : retrospective cohort study', *Fertil Steril Rep. Elsevier Inc.*, 1(2), pp. 99–105. doi: 10.1016/j.xfre.2020.06.004.
- Hashimoto, H. Ishikawa, T., Goto, S., Koeguchi, S., Fujisawa, M., & Shiotani, M. (2010) 'The effects of severity of oligozoospermia on intracytoplasmic sperm injection (ICSI) cycle outcome', *Systems biology in reproductive medicine. Taylor & Francis*, 56(1), pp. 91–95. doi: 10.3109/19396360903509169.
- Hestiantoro, A. Wiweko, B., & Harzif, A.K. (2016) 'Konsensus tata laksana sindrom ovarium polikistik'.
- Hendarto, H., Wiweko B., & Harzif, A.K. (2019) 'Konsensus Penanganan Infertilitas', Himpunan Endokrinologi Reproduksi dan Fertilitas Indonesia (HIFERI) – Perkumpulan Obstetri dan Ginekologi Indonesia (POGI).
- Kumar, N. dan Singh, A. K. (2015) 'Trends of male factor infertility, an important cause of infertility: A review of literature', *Journal of human reproductive sciences. Wolters Kluwer--Medknow Publications*, 8(4), pp. 191.
- Leslie, S.W., Siref, L.E., & Soon-Sutton TL., (2022), *Male Infertility*. In: StatPearls [Internet], Juli, pp. 1-51. <<https://www.ncbi.nlm.nih.gov/books/>>
- Liu, K. E. dan Case, A. (2017) 'No. 346-Advanced Reproductive Age and Fertility', . Elsevier Inc, 2017(346), pp. 1–11. doi: 10.1016/j.jogc.2016.12.004.
- Liu, S., Mo, M., Xiao, S., Li, L., Hu, X., Hong, L., Wang, L.R., Huang, C., Zeng, Y., & Diao, L. (2020) 'Pregnancy Outcomes of Women With Polycystic Ovary Syndrome for the First In Vitro Fertilization Treatment: A Retrospective Cohort Study With 7678 Patients', 11(September), pp. 1–10. doi: 10.3389/fendo.2020.575337.
- Louise, M., Christiansen, S.L., Kesmodel, U.S., Agerholm, I.E., Lemmen, J.G., Lundstrom, P., & Ladelund, S. (2017) 'Effect of women's age on embryo morphology, cleavage rate and competence — A multicenter cohort study', pp. 1–12. doi: 10.1371/journal.pone.0172456.
- Loutradi, K. E., Tarlatzis, B.C., Goulis, D.G., Zepiridis, L., Pagou, T., & Bontis, I., 'The effects of sperm quality on embryo development after intracytoplasmic sperm injection', 23(2). doi: 10.1007/s10815-006- 9022-8.
- Luddi, A., Rubino, P., Vigano, P., & Piomboni, P.,. (2015) 'The ICSI procedure from past to future : a systematic review of the more controversial aspects', 0(0), pp. 1–34. doi: 10.1093/humupd/dmv050.
- Mekaru, K., Oishi, S., Akamine, K., Kinjo, T., Heshiki, C., Masamoto, H., & Aoki, Y. (2016) 'The Effect of Insulin Resistance on In-Vitro Fertilization-Embryo Transfer in Women without Polycystic Ovary Syndrome', (March), pp. 157–166. doi: 10.4236/ojog.2016.63020

- Muteshi, C. M., Ohuma, E.O., Child, T., & Becker, C.M. (2018) 'The effect of endometriosis on live birth rate and other reproductive outcomes in ART cycles: a cohort study', pp. 1–7. doi: 10.1093/hropen/hoy016.
- Nikbakht, R., Mohammadjafari, R., Rajabalipour, M., & Moghadam, M.T. (2021) 'Evaluation of oocyte quality in Polycystic ovary syndrome patients undergoing ART cycles'. *Fertility Research and Practice*, pp. 1–6. doi:10.1186/s40738-020-00094-z
- Öztekin, Ü., Caniklioglu, M, Sari, S., Selmi, V., Gurel, A., & Isikay, L. (2019) 'Evaluation of Male Infertility Prevalence with Clinical Outcomes in Middle Anatolian Region', 11(7), pp. 3–9. doi: 10.7759/cureus.5122.
- Ozturk, S. (2020) 'Selection of competent oocytes by morphological criteria for assisted reproductive technologies', (July), pp. 1021–1036. doi: 10.1002/mrd.23420.
- Patil, M., Reddy, P., & Chandrashekar, C. (2020) 'Is embryogenesis and ART outcome different in polycystic ovary syndrome?', pp. 79–86. doi: 10.4103/tofj.tofj.
- Piccolomini, M. M., Bonetti, T.C.S., Motta, E.L., Serafini, P.C., & Alegretti, J.R. (2018) 'Original article How general semen quality influences the blastocyst formation rate: Analysis of 4205 IVF cycles', 22(2), pp. 89–94. doi: 10.5935/1518-0557.20180022.
- Raad, G., Azouri, J., Rizk, K., Zeidan, N.S., Azouri, J., Grandjean, V., & Hazzouri, M. (2019) 'Adverse effects of paternal obesity on the motile spermatozoa quality', pp. 1–23.
- Ricci, E., Beitawi, S.A., Cipriani, S., Caniani, M., Chiaffarino, F., Vigano, P., Noli, S., & Parazzini, F. (2016) 'Semen quality and alcohol intake: a systematic review and meta-analysis', *Reproductive BioMedicine Online*. Elsevier Ltd, 34(1), pp. 38–47. doi: 10.1016/j.rbmo.2016.09.012.
- Sansone, A., Dato, C.D., Angelis, C.D., Menafra, D., Pozza, C., Pivonello, R., Isidori, A., & Gianfrilli, D. (2018) 'Smoke, alcohol and drug addiction and male fertility'. *Reproductive Biology and Endocrinology*, pp. 1–11. doi: 10.1186/s12958-018-0320-7.
- Scheffer, J. B., Carvalho, R.F.D., Agular, A.P.D.S., Machado, I.J.M., Franca, J.B., Lozano, D.M., & Fanchin, R. (2021) 'Original article Which ovarian reserve marker relates to embryo quality on day 3 and blastocyst; age, AFC, AMH?', 25(1), pp. 109–114. doi: 10.5935/1518-0557.20200060.
- Sedó, C.A., Bilinski, M., Lorenzi, D., Uriondo, H, Noblia, F., Longobucco, V., LAgar, E.V., & Nodar, F. (2017) 'Original article Effect of sperm DNA fragmentation on embryo development: clinical and biological aspects', 21(4), pp. 343–350. doi: 10.5935/1518-0557.20170061.
- Senapati, S., Sammel, M.D., Morse, C., & Barnhart, T. (2017) 'Impact of Endometriosis on IVF Outcome: An Evaluation of the Society for Assisted Reproductive Technologies Database', 106(1), pp. 164–171. doi: 10.1016/j.fertnstert.2016.03.037.
- Sharma, B., & Kumar, A., (2017), *The Sperm*, dalam *Basics of Human Andrology: Text Book*, diedit oleh A. Kumar, M. Sharma, India: Springer Nature, halaman 171.

- Siristatidis, C., Sergentanis, T. N., & Vogiatzi, P. (2015) 'In Vitro Maturation in Women with vs. without Polycystic Ovarian Syndrome: A Systematic Review and Meta-Analysis', pp. 1–19. doi: 10.1371/journal.pone.0134696.
- Sopiyudin D., (2016) 'Besarnya sampel dalam penelitian kedokteran dan Kesehatan', Jakarta: Epidemiologi Indonesia.
- Sopiyudin D., 2018, 'Regresi linear disertai praktik dengan SPSS', Ciracas: Epidemiologi Indonesia.
- Sugono, B. (2008) 'Kamus Bahasa Indonesia', Jakarta: Pusat Bahasa Departemen Pendidikan Nasional
- Tambo, T. O. M. & Fedoresak, P. (2017) 'Endometriosis-associated infertility: aspects of pathophysiological mechanisms and treatment options', 96, pp. 659–667. doi: 10.1111/aogs.13082.
- Tang, Q., Pan, F., Wu, X., Nichols, C.E., Wang, X., Xia, Y., & Wu, W. (2019) 'Semen quality and cigarette smoking in a cohort of healthy fertile men'. doi: 10.1097/EE9.000000000000055.
- Velu, A. & Prasad, G. (2017) 'Epidemiologic aspects of male infertility', 6(8), pp.3362–3365. doi: 10.18203/2320-1770.ijrcog20173446.
- World Health Organization (2004) Appropriate body-mass index for Asian populations and its implications for policy and intervention strategies. *Lancet*. 2004 Jan 10;363(9403):157-63. doi: 10.1016/S0140-6736(03)15268-3.
- World Health Organization. (2010). WHO laboratory manual for the examination and processing of human semen, 5th ed. World Health Organization.
- Wu, Y. Kang, X., Zheng, H., Liu, H., & Liu, J. (2015) 'Effect of Paternal Age on Reproductive Outcomes of In Vitro Fertilization', *PLOS One*, pp. 1–9. doi: 10.1371/journal.pone.0135734.
- Zhang, B., Meng, Y., Jiang, X., Liu, C., Zhang, H., Cui, L., & Chen, Z. (2019) 'IVF outcomes of women with discrepancies between age and serum anti-Müllerian hormone levels'. *Reproductive Biology and Endocrinology*, 3, pp. 1–9. doi: 10.1186/s12958-019-0498-3
- Zhang, J., Liu, H., Mao, X., Fan, Q.C.Y., Xiao, Y., Wang, Y., & Kuang, Y. (2019) 'Effect of body mass index on pregnancy outcomes in a freeze-all policy: an analysis of 22043 first autologous frozen-thawed embryo transfer cycles in China'. *BMC Medicine*, pp. 1–9. doi: 10.1186/s12916-019-1354-1
- Zhang, Y., Ma, T., Su, Z., Ye, M., Tian H., Li, J., & Liu, J. (2017) 'Varicoceles affect semen quality of infertile men in Southern China'. *Medicine*, pp.1-6. doi: 10.1097/MD.00000000000007707
- Zheng, D., Zeng L., Yang, R., Lian, Y., Zhu, Y., Liang, X., Wang, H., Cao., & Qiao, J. (2019) 'Intracytoplasmic sperm injection (ICSI) versus conventional in vitro fertilisation (IVF) in couples with non-severe male infertility (NSMI-ICSI): protocol for a multicentre randomised controlled trial', *BMJ*, pp. 1–9. doi: 10.1136/bmjopen-2019-030366.
- Zhong, C., Gao, L., Shu, L., Hou, Z., Cai, L., Huang, J., Liu, J., & Mao, Y. (2021) 'Analysis of IVF / ICSI Outcomes in Endometriosis Patients With Recurrent Implantation Failure : Influence on Cumulative Live Birth Rate', 12(July), pp. 1–8. doi: 10.3389/fendo.2021.640288.