

Dupilumab (Dupixent®)

Selected References:

- Akhtar NH et al. 2022. The use of dupilumab in severe atopic dermatitis during pregnancy: a case report. *Allergy Asthma Clin Immun.* 18(1):9.
- Avallone, G. et al. 2024. Association between maternal dupilumab exposure and pregnancy outcomes in patients with moderate-to-severe atopic dermatitis: A nationwide retrospective cohort study. *J Eur Acad Dermatol Venereol.* 6(1)1-10.
- Bosma AL et al. 2021. Paternal and maternal use of dupilumab in patients with atopic dermatitis: a case series. *Clin Exp Dermatol.* 46(6):1089-1092.
- Dupixent® Prescribing Information. Available online at https://www.regeneron.com/sites/default/files/Dupilumab_FPI.pdf. Accessed on October 16, 2022.
- Chan T. et al, 2020. Taiwanese Dermatological Association consensus for the management of atopic dermatitis: A 2020 update. *J Formos Med Assoc,* 120(1:Pt2):429-442.
- Costley M and Murphy B. 2022. Severe atopic dermatitis treated successfully with dupilumab throughout pregnancy. 2022. *Clin Exp Dermatol* 47(5):960-961.
- Escolà, H. et al. 2023. Dupilumab for atopic dermatitis during pregnancy and breastfeeding: Clinical experience in 13 patients. *J Eur Acad Dermatol Venereol.* 37(9)p.e1156-e1160.
- Gracia-Darder I et al. 2022). Patient with atopic dermatitis, hyper IgE syndrome and ulcerative colitis, treated successfully with dupilumab during pregnancy. *Dermatol Ther.* 35(2) e15247.
- Hong, N. et al. 2024. Atopic dermatitis treated safely with dupilumab during pregnancy and lactation: A case series of four patients. *Australas J Dermatol.* 00:1-4.
- Heilskov S, et al. 2020. Immunosuppressive and Immunomodulating Therapy for Atopic Dermatitis in Pregnancy: An Appraisal of the Literature. *Dermatol Ther (Heidelb)* 10(6): 1215-1228.
- Kage P, et al. 2020. A case of atopic eczema treated safely with dupilumab during pregnancy and lactation. *Journal of the European Academy of Dermatology and Venereology: JEADV,* 34(6), e256-e257.
- Kage P, et al. 2021. Case of atopic eczema treated with dupilumab throughout conception, pregnancy, and lactation. *J Dermatol* 48(10):E484-E485.
- Khamisy-Farah R, et al. 2021. Safety profile of Dupilumab during pregnancy: a data mining and disproportionality analysis of over 37,000 reports from the WHO individual case safety reporting database (VigiBase™) *Eur Rev Med Pharmacol Sci* 25(17):5448-5451.
- Lobo Y, et al. 2021. Atopic Dermatitis Treated Safety with Dupilumab during Pregnancy: A Case Report and Review of the Literature. *Case Rep Dermatol* 13:248-256.
- Metko, D. et al. 2024. A real-world study of dupilumab in patients with atopic dermatitis including patients with malignancy and other medical comorbidities. *JAAD Int.* 15:5-11.
- Mian M, et al. 2020. Dupilumab for the treatment of severe atopic dermatitis in a pregnant patient: A case report. *JAAD Case Reports,* 6(10), 1051-1052.
- Napolitano M, et al. 2021. New emergent therapies for atopic dermatitis: A review of safety profile with respect to female fertility, pregnancy, and breastfeeding. *Dermatol Thera* 34:e14475.
- Riquelme-Mc Loughlin C and Mascaró JM Jr. 2021. Treatment of pemphigoid gestationis with dupilumab. *Clin Exp Dermatol* 46(8):1578-1579.
- Vestergaard C, et al. 2019. European task force on atopic dermatitis position paper: treatment of parental atopic dermatitis during preconception, pregnancy and lactation period. *J Eur Acad Dermatol Venereol* 33(9):1644-1659.

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Selected References:

- Ahuja S, Gharde PM. 2023. A narrative review of maternal and perinatal outcomes of dengue in pregnancy. *Cureus* 15(11): e48640.
- Arragain L, et al. 2017. Vertical transmission of dengue virus in the peripartum period and viral kinetics in newborns and breast milk: new data. *J Pediatric Infect Dis Soc.*, 6:324-331.
- Barkham TM, et al. 2006. The performance of RT-PCR compared with a rapid serological assay for acute dengue fever in a diagnostic laboratory. *Trans R Soc Trop Med Hyg* 100:142-148.
- Basurko C, et al. 2018. A prospective matched study on symptomatic dengue in pregnancy. *PloS One* 13:e0202005.
- Basurko C, et al. 2018. Estimating the risk of vertical transmission of dengue: a prospective study. *Am J Trop Med Hyg* 98(6): 1826-1832.
- Brar R, et al. 2021. Maternal and fetal outcomes of dengue fever in pregnancy: a large prospective and descriptive observational study. *Arch Gynecol Obstet* 304:91-100.
- Centers for Disease Control and Prevention. 2024. About a Dengue Vaccine. Retrieved May 2024 from <https://www.cdc.gov/dengue/vaccine/index.html>.
- Centers for Disease Control and Prevention. 2024. Areas with Risk of Dengue. Retrieved May 2024 from <https://www.cdc.gov/dengue/areas-with-risk/index.html>.
- Centers for Disease Control and Prevention. 2024. Dengue. Retrieved May 2024 from <https://www.cdc.gov/dengue/about/index.html>.
- Centers for Disease Control and Prevention. 2024. Clinical Testing Guidance for Dengue. Retrieved May 2024 from <https://www.cdc.gov/dengue/hcp/diagnosis-testing/index.html>.
- Centers for Disease Control and Prevention. 2024. Dengue Vaccination: What Everyone Should Know. Retrieved May 2024 from <https://www.cdc.gov/vaccines/vpd/dengue/public/index.html>.
- Centers for Disease Control and Prevention. 2024. How Dengue Spreads. Retrieved May 2024 from <https://www.cdc.gov/dengue/transmission/index.html>.
- Centers for Disease Control and Prevention. 2024. Preventing Dengue. Retrieved May 2024 from <https://www.cdc.gov/dengue/prevention/index.html>.

- Centers for Disease Control and Prevention. 2024. Preventing Mosquito Bites. Retrieved May 2024 from <https://www.cdc.gov/mosquitoes/prevention/index.html>.
- Centers for Disease Control and Prevention. N.d. Your Infant has Dengue. Retrieved May 2024 <https://www.cdc.gov/dengue/media/pdfs/protect-your-baby.pdf>.
- Centers for Disease Control and Prevention. N.d. <https://www.cdc.gov/dengue/training/cme/ccm/page45893.html#:~:text=Lifelong%20type%2Dspecific%20immunity.,about%20%20to%206%20months>.
- Charlier C, et al. 2017. Arboviruses and pregnancy: maternal, fetal, and neonatal effects. *Lancet Child Adolesc Health* 1:134-146.
- Hcini N, et al. 2024. Arboviruses and pregnancy: are the threats visible or hidden?. *Tropical diseases, travel medicine and vaccines*, 10(1), 4.
- Iannetta M, et al. 2017. Persistent detection of dengue virus in vaginal secretions of a woman returning from Sri Lanka to Italy. *Euro Surveill* 22(34).
- Lalle E, et al. 2018. Prolonged detection of dengue virus RNA in the semen of a man returning from Thailand to Italy. *Euro Surveill* 23(18).
- Lee C, Lee H. 2018. Probable female to male sexual transmission of dengue virus infection. *Infect Dis (Lond)*:1-3.
- Mons J, et al. 2022. Effects of Acute Dengue Infection on Sperm and Virus Clearance in Body Fluids of Men. *Emerging infectious diseases*, 28(6), 1146-1153.
- Nascimento LB, et al. 2017. Symptomatic dengue infection during pregnancy and livebirth outcomes in Brazil, 2007-13: a retrospective observational cohort study. *Lancet Infect Dis* 17:949-956.
- Paixão ES, et al. 2016. Dengue during pregnancy and adverse fetal outcomes: a systematic review and meta-analysis. *Lancet Infect Dis* 16:857-865.
- Paixão ES, et al. 2018. Symptomatic dengue during pregnancy and congenital neurologic malformations. *Emerg Infect Dis* 24:1748-1750.
- Pouliot SH, et al. 2010. Maternal dengue and pregnancy outcomes: a systematic review. *Obstet Gynecol Surv* 65(2):107-118.
- Ribero CF, et al. 2016. Dengue during pregnancy: Association with Low Birth Weight and Prematurity. *Rev Inst Med Trop Sao Paulo* 58:8.
- Sinha R, Datta MR. 2023. Dengue in Early Pregnancy: A Neglected Problem?. *Cureus* 15(5):e38740.
- Sondo KA, et al. 2019. Dengue infection during pregnancy in Burkina Faso: a cross-sectional study. *BMC Infect Dis* 19:997.
- World Health Organization. 2024. Dengue and severe dengue. Retrieved May 2024 from <https://www.who.int/news-room/fact-sheets/detail/dengue-and-severe-dengue>.
- Xiong YQ, et al. 2017. Dengue virus infection during pregnancy increased the risk of adverse fetal outcomes? An updated meta-analysis. *J Clin Virol*. 94:42.

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Selected References:

- Beex-Oosterhuis MM, et al. 2021. Clozapine Treatment During Pregnancy and the Postpartum Period: A Systematic Literature Review. *J Clin Psychiatry*. 83(1):21r13952.
- Bolu A, Akgün A, Öznur T, Çelik C. 2018. Low-dose clozapine-induced retrograde ejaculation. *Psychiatry Clin Neurosci*; 72(7):541-542.
- Borisch C, et al. 2012. Severe neutropenia in a newborn after clozapine therapy during pregnancy. *Reprod Toxicol*; 34:158.
- Clozapine Package Insert: https://www.accessdata.fda.gov/drugsatfda_docs/label/2014/019758s073lbl.pdf
- Damkier P and Videbach P. 2018. The Safety of Second-Generation Antipsychotics During Pregnancy: A Clinically Focused Review. *CNS Drugs*; 32:351-366.
- Dev VJ, Krupp P. 1995. Adverse event profile and safety of clozapine. *Rev Contemp Pharmacother.*;6:197-208.
- Haddad PM, Wieck A, Haddad PM, Wieck A. 2004. Antipsychotic-induced hyperprolactinaemia: mechanisms, clinical features and management. *Drugs*; 64(20):2291-314.
- Imaz ML, Oriolo G, Torra M, et al. 2018. Clozapine use during pregnancy and lactation: A case-series report. *Front Pharmacol.*;9:264.
- Larsen ER, Damkier P, Pedersen LH, et al. 2015. Use of psychotropic drugs during pregnancy and breast-feeding. *Acta Psychiatr Scand Suppl.*;132 Suppl 445:1-28.
- Mehta TM, Van Lieshout RJ. 2017. A review of the safety of clozapine during pregnancy and lactation. *Arch Womens Ment Health*;20(1):1-9.
- Shao P, Ou J, Peng M, Zhao J, Chen J, Wu R. 2015. Effects of clozapine and other atypical antipsychotics on infants development who were exposed to as fetus: a post-hoc analysis. *PLoS One* 10(4):e0123373.
- Thanigaivel R, et al. 2022 A systematic review of maternal and infant outcomes after clozapine continuation in pregnancy. *Int J Psychiatry Clin Pract.*26(2):178-182.
- Uguz F. 2021. A new safety scoring system for the use of psychotropic drugs during lactation. *Am J Ther.*28:e118-e126.
- Uguz F. 2016. Second-generation antipsychotics during the lactation period: A comparative systematic review on infant safety. *J Clin Psychopharmacol.*;36:244-52.
- Uygur OF, Uygur H. 2019. Neurodevelopmental and growth follow-up of the baby exposed to antipsychotics during pregnancy and lactation: A case report. *Psychiat Clin Psychopharmacol.*;29:744-7.
- Uguz F. 2020. The use of clozapine during pregnancy and lactation: A case report. *Psychiat Clin Psychopharmacol.*;30:193-5.

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Selected References:

- Aronne LJ. 1998. Obesity. *Womens Health Issues* 82(1):161- 181.
- Chang JJ, Lathi RB, Kim SH. 2020. A retrospective study examining phentermine on preconception weight loss and pregnancy outcomes. *Endocrine Practice*;26(9):990-996. <https://doi.org/10.4158/EP-2019-0609>
- Food and Drug Administration. 2012. Prescribing information for ADIPEX-P®. Retrieved April 2024 from https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/085128s065lbl.pdf
- Food and Drug Administration. 2013. Prescribing information for SUPRENZA Retrieved April 2024 from https://www.accessdata.fda.gov/drugsatfda_docs/label/2013/202088s005lbl.pdf.
- Food and Drug Administration. 2023. Prescribing information for Qsymia®. Retrieved April 2024 from <https://qsymia.com/patient/include/media/pdf/prescribing-information.pdf>.
- Hale TW. 2008. *Medications and Mothers' Milk*, 13th ed. Amarillo, TX: Hale Publishing.
- Johnson KA, et al. 1998. Pregnancy outcome of women exposed to Fen/Phen [abstract]. Organization of Teratology Information Specialists Annual Meeting, June 1998.
- Jones KL, et al. 2002. Pregnancy outcomes after first trimester exposure to phentermine/fenfluramine. *Teratology* 65:125-130.
- No authors listed. 2013. Topiramate + phentermine. An excessively dangerous appetite-suppressant combination. *Prescrire Int* 22(136):61-4.
- Robert E, et al. 1995. Neural tube defects and maternal weight reduction in early pregnancy. *Reprod Toxicol* 9(1):57-59.
- Silverstone, T. 1982. *Drugs and Appetite*. New York: Academic Press.
- Stein AD, et al. 1995. Third-trimester pregnancy weight gain and intrauterine growth: The Dutch Famine Birth Cohort Study. *Hum Biol* 67(1):135-150.
- Winick M. 1989. *Nutrition, Pregnancy, and Early Infancy*. Baltimore: Williams & Wilkins.

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Selected References:

- Atmaca M, Kuloglu M, Tezcan E, Canatan H, Gecici, O. 2002. Quetiapine is not associated with increase in prolactin secretion in contrast to haloperidol. *Arch Med Res* 33:562-5.
- Beumont PJ, Gelder MG, Friesen HG, et al. 1974. The effects of phenothiazine on endocrine function: I Patients with inappropriate lactation and amenorrhoea. *Br J Psychiatry*. 124:413-9.
- Crawford AM, Beasley CM Jr, Tollefson GD. 1997. The acute and long-term effect of olanzapine compared with placebo and haloperidol on serum prolactin concentrations. *Schizophr Res*. 26:41-54.
- Diav-Citrin O, Shechtman S, Ornoy S, et al. 2005. Safety of haloperidol and penfluridol in pregnancy: a multicenter, prospective, controlled study. *Journal of Clinical Psychiatry* 66:317-322.
- Dieulangard P et al. 1966. Sur un cas d'ectro-phocomelie peutetre d'origine medicamenteuse. *Bull Fed Gynecol Obstet* 18:85-7.
- Fiore L, Scapagnini U, Canonico PL. 1987. Effect of dihydroergocryptine and dihydroergocristine on cyclic AMP accumulation and prolactin release in vitro: Evidence for a dopaminomimetic action. *Horm Res*. 25:171-7.
- Kallen et al. 2013 The use of central nervous system active drugs during pregnancy. *Pharmaceuticals* 6(10):1221-1286.
- Kopelman AE et al. 1975. Limb malformations following maternal use of haloperidol. *J Am Med Assoc* 231:62-4.
- Langer G, Puhlinger W. 1980. Haloperidol and droperidol treatment in schizophrenics. Clinical application of the «prolactin-model». *Acta Psychiatr Belg*. 80:574-83.
- Maguire GA. 2002. Prolactin elevation with antipsychotic medications: mechanisms of action and clinical consequences. *J Clin Psychiatry*. 63(suppl 4):56-62.
- Straub L, Hernández-Díaz S, Bateman BT, et al. 2022. Association of Antipsychotic Drug Exposure in Pregnancy With Risk of Neurodevelopmental Disorders: A National Birth Cohort Study. *JAMA Intern Med*. 182(5):522-533.
- Turkington RW. 1972. Prolactin secretion in patients treated with various drugs: Phenothiazines, tricyclic antidepressants, reserpine, and methyldopa. *Arch Intern Med*. 130:349-54.
- Turkington RW. 1972. Serum prolactin levels in patients with gynecomastia. *J Clin Endocrinol Metab*. 34:62-6.
- Uguz F. 2016. Breastfed infants exposed to combined antipsychotics: Two case reports. *Am J Ther*. 23:e1962-e1964

- Uguz F. 2019. Adverse events in a breastfed infant exposed to risperidone and haloperidol. Breastfeed Med. 14:683-4.
- Uguz F. 2021. A new safety scoring system for the use of psychotropic drugs during lactation. Am J Ther. 28:e118-e126
- Van Waes A, Van de Velde E. 1969. Safety evaluation of haloperidol in the treatment of hyperemesis gravidarum. J Clin Pharmacol 9:224-7.
- Whalley LJ, Blain PG, Prime JK. 1981. Haloperidol secreted in breast milk. Br Med J (Clin Res Ed). 282:1746-7.
- Yoshida K, Smith B, Craggs M, et al. 1997. Investigation of pharmacokinetics and possible adverse effects in infants exposed to tricyclic antidepressants in breast-milk. J Affect Disord. 43:225-37.
- Yoshida K, Smith B, Craggs M, et al. 1998. Neuroleptic drugs in breast-milk: A study of pharmacokinetics and of possible adverse effects in breast-fed infants. Psychol Med. 28:81-91.

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