Prucalopride (Motegrity®)

Selected References:

- Bassotti G, et al. 2019. Prucalopride for the treatment of constipation: a view from 2015 and beyond. Expert Rev Gastroenterol Hepatol. 13(3):257-262.
- Garnock-Jones KP. 2016. Prucalopride: A review in chronic idiopathic constipation. Drugs. 76(1):99-110.
- Motegrity® Prescribing Information. Updated 11/2020. Available online at https://www.accessdata.fda.gov/drugsatfda_docs/label/2020/210166s002lbl.pdf.
- Vijayvargiya P and Camilleri M. 2019. Use of prucalopride in adults with chronic idiopathic constipation. Expert Rev Clin Pharmacol. 12(7):579-589.

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Prucalopride (Motegrity®)

Selected References:

- Apotex Corporation. Guanfacine extended release. Product label. https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=1c492e87-3406-ddb8-aaf2-e609c2ded503. Accessed 15 July 2025.
- Kittel-Schneider S, et al. 2021. Parental ADHD in pregnancy and the postpartum period –A systematic review. Neuroscience and Biobehavioral Rev 124;63-77.

- Lee YR, et al. 2025. Guanfacine Use in the ICU for Management of Sedation Weaning. Clin Drug Investig. 45(4):169-173.
- Ornoy A. 2018. Pharmacological treatment of attention deficit hyperactivity disorder during pregnancy and lactation. Pharm Res 35(3):46.
- Ornoy A, et al. 2021. The Effects of Drugs used for the Treatment of Attention Deficit Hyperactivity Disorder (ADHD) on Pregnancy Outcome and Breast-feeding: A Critical Review. Curr Neuropharmacol. 19(11):1794-1804.
- Philipp E. 1980. Guanfacine in the treatment of hypertension due to pre-eclamptic toxaemia in thirty women. Br J clin Pharmac 10: 137S-140S.
- Scoten O, et al. 2024. Attention-deficit/hyperactivity disorder in pregnancy and the postpartum period. Am J Obstet Gynecol. 231(1):19-35.
- Srinivas C, et al. 2025. Attention-Deficit/Hyperactivity Disorder Medication Use in Pregnancy and Risk of Preterm Birth: A Population-Based Cohort Study. Paediatr Perinat Epidemiol. May 14. doi: 10.1111/ppe.70031. Online ahead of print.

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Prucalopride (Motegrity®)

Selected References:

- Anderson KN, et al. 2020. Maternal Use of Specific Antidepressant Medications During Early Pregnancy and the Risk of Selected Birth Defects. JAMA Psychiatry; 77(12):1246-1255. Dodd S, et al. 1999. Determination of nefazodone and its pharmacologically active metabolites in human blood and breast milk by high-performance liquid chromatography. J Chromatogr B Biomed Sci Appl;730:249-55.
- Dodd S, et al 2000. Nefazodone in the breast milk of nursing mothers: a report of two patients. J Clin Psychopharmacol; 20:717-8.
- Einarson A, et al. 2003. A multicentre prospective controlled study to determine the safety of trazodone and nefazodone use during pregnancy. Can J Psychiatry 48(2):106-110.
- Einarson A, et al. 2009. Incidence of major malformations in infants following antidepressant exposure in pregnancy: results of a large prospective cohort study. Can J Psychiatry 54(4):242 246.
- Food and Drug Administration 2014. https://www.accessdata.fda.gov/drugsatfda_docs/label/2014/076037s011lbl.pdf [Accessed 7/2023].
- Khazaie H, et al. 2013. Insomnia treatment in the third trimester of pregnancy reduces postpartum depression symptoms: a randomized clinical trial. Psychiatry Res. 210(3):901-5.
- Rivett KF & Barcelona PS. 1974. Toxicology of trazodone. Mod Probl Pharmacopsychiatry 9:76-86.
- Verbeeck RK, et al. 1986. Excretion of trazodone in breast milk. Br J Clin Pharmacol. 22(3):367-370.
- Yapp P, et al. 2000. Drowsiness and poor feeding in a breast-fed infant: association with nefazodone and its metabolites. Ann Pharmacother 34(11):1269-1272.
- Yaris F, et al. 2004. Newer antidepressants in pregnancy: prospective outcome of a case series. Reprod Toxicol; 19:235-238.

National Pregnancy Registry for Psychiatric Medications: There is a pregnancy registry for people who take psychiatric medications, such as nefazodone. For more information you can look at their website: https://womensmentalhealth.org/research/pregnancyregistry/

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Prucalopride (Motegrity®)

Selected References:

- Andersen JB, et al. 2022. Pregnancy outcomes following maternal or paternal exposure to teriflunomide in the Danish MS population. Mult Scler Relat Disord. 59:103529.
- Bellinger DC. 2005. Teratogen update: lead and pregnancy. Birth Defects Res A Clin Mol Teratol 73(6):409-20.
- Brent R. 2009. Saving lives and changing family histories: appropriate counseling of pregnant women and men and women of reproductive age, concerning the risk of diagnostic radiation exposures during and before pregnancy. Am J OB/GYN 200(1):4-24.
- Brouwers MM, et al. 2007. Risk factors for hypospadias. Eur J Pediatr. 166(7):671–678.
- Buck Louis GM, et al. 2016. Paternal exposures to environmental chemicals and time-to-pregnancy: overview of results from the LIFE study. Andrology. 4(4):639-647.
- Carter T, et al. 2023. Paternal preconception modifiable risk factors for adverse pregnancy and offspring outcomes: a review of contemporary evidence from observational studies. BMC Public Health. 16;23(1):509.
- Colie CF. 1993. Male mediated teratogenesis. Reprod Toxicol 7:3-9.
- Cordier S. 2008. Evidence for a role of paternal exposures in developmental toxicity. Basic Clin Pharmacol Toxicol 102(2):176-81.
- Duijster JW, et al. 2017. [Zika virus and sexual transmission; when and for how long does one need to use a condom?]. Ned Tijdschr Geneeskd. 161(0):D1622. Dutch.
- Friedman JM. 2003. Implications of research in male mediated developmental toxicity to clinical counselors, regulators, and occupational safety officers. Advances in Male Mediated Developmental Toxicity, edited by Bernard Robaire and Barbara F. Hales. Kluwer Academic/Plenum Publishers.
- Hayama-Terada M, et al. 2023. Paternal occupational exposures and infant congenital heart defects in the Japan Environment and Children's Study. Environ Health Prev Med. 28:12.
- Hills SL, et al. 2016. Transmission of Zika Virus Through Sexual Contact with Travelers to Areas of Ongoing Transmission – Continental United States, 2016. MMWR Morb Mortal Wkly Rep. 65(8):215-6.
- Jones A, et al. 2013. Outcomes of pregnancies fathered by solid-organ transplant recipients exposed to mycophenolic acid products. Prog Transplant. 23(2):153-7.
- Kim T, et al. 2023. Does the father's job matter? Parental occupation and preterm birth in Korea. Epidemiol Health. 45:e2023078.
- Li X, et al. 2010. Parental occupation and risk of small-for-gestational-age births: a nationwide epidemiological study in Sweden. Hum Reprod. 25(4):1044-1050.
- Maciag MC, et al. 2022. Impact of prenatal exposure to smoking on child health. Clin Obstet Gynecol. 1;65(2):388-396.
- Moreira J, et al. 2017. Sexually acquired Zika virus: a systematic review. Clin Microbiol Infect. 23(5):296-305.
- Pacey AA, et al. 2014. Modifiable and non-modifiable risk factors for poor sperm morphology. Hum Reprod.

Aug;29(8):1629-36.

- Pettigrew SM, et al. 2016. Paternal and joint parental occupational pesticide exposure and spina bifida in the National Birth Defects Prevention Study, 1997 to 2002. Birth Defects Res A Clin Mol Teratol. 106(11):963-971.
- Polifka J & Friedman JM. 2003. Developmental toxicity of ribaviran/IFα combination therapy: is the label more dangerous than the drugs? Birth Defects Research (Part A) 67:8-12.
- Sallmé M, et al. 2000. Time to pregnancy among the wives of men occupationally exposed to lead. Epidemiology 11(2): 141-7.
- Savitz DA, et al. 1997. Male pesticide exposure and pregnancy outcome. Am J Epidemiol 146(12):1025-36.
- Savitz DA, et al. 1989. Effect of parents' occupational exposures on risk of stillbirth, preterm delivery, and small-for-gestational-age infants. Am J Epidemiol. 129(6):1201-1218.
- Tielemans E, et al. 1999. Occupationally related exposures and reduced semen quality: a case-control study. Fert Steril 71:690-696.
- Trasler JM & Doerksen T. 1999. Teratogen Update: Paternal exposures-reproductive risks. Teratology 60(3):161-72.
- Uldbjerg CS, et al. 2024. Associations of maternal and paternal preconception and maternal pregnancy urinary phthalate biomarker and bisphenol A concentrations with offspring autistic behaviors: The PEACE study. Environ Res. 263(Pt 3):120253.
- Vine MF, 1996. Smoking and male reproduction: a review. Int J Androl 19(6):323-37.
- Weber-Schoendorfer C, et al. 2014. No evidence for an increased risk of adverse pregnancy outcome after paternal low-dose methotrexate: an observational cohort study. Rheumatology (Oxford). 53(4):757-63.
- Zhao L, et al. 2020. Parental smoking and the risk of congenital heart defects in offspring: An updated meta-analysis of observational studies. Eur J Prev Cardiol 27:1284–93.
- Zhu JL, et al. 2006. Occupational exposure to pesticides and pregnancy outcomes in gardeners and farmers: a study within the Danish National Birth Cohort. J Occup Environ Med 48(4):347-52.

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Prucalopride (Motegrity®)

Selected References:

- Ahlborg G et al. 1995. Reproductive effects of chemical exposures in health profession. J Occup Environ Med. 37: 957-961.
- Allweiler SI, et al. 2013. Inhalation anesthetics and the reproductive risks associated with occupational exposure among women working in veterinary anesthesia. Vet Anaesth Analg. 40(3):285-289.
- Bartram DJ, et al. 2009. Psychological working conditions and work-related stressors among UK veterinary surgeons. Occup Med (Lond). 59(5):334-341.
- Byers CG. 2020. Biosecurity Measures in Clinical Practice. Vet Clin North Am Small Anim Pract. 50(6):1277-1287.
- Boivin JF. 1997. Risk of spontaneous abortion in women occupationally exposed to anesthetic gases: a meta-analysis. Occup Environ Med. 54: 541-548.
- California Veterinary Medical Board. 2012. Radiation Safety Relating to Veterinary Medicine and Animal Health Technology in California. https://www.vmb.ca.gov/forms_pubs/radguide.pdf. Accessed 29 July 2025.
- Cohen WR et al. 2000. Environmental and Occupational Hazards. Cherry and Merkatz's Complications of Pregnancy. Philadelphia: Lippincott Williams & Wilkins.
- Duke T. Partial intravenous anesthesia in cats and dogs. Can Vet J. 2013 Mar;54(3):276-282.
- Epp T, et al. 2012. Occupational health hazards in veterinary medicine: zoonoses and other biological hazards. Can Vet J. 53(2):144-150.
- Figà-Talamanca I. 2000. Reproductive problems among women health care workers: epidemiologic evidence and preventive strategies. Epidemiologic Reviews. 22:249-260.
- Fowler HN, et al. 2016. Survey of occupational hazards in Minnesota veterinary practices in 2012. J Am Vet Med Assoc. 248(2):207-218.
- Gilani S, et al. 2014. Is it safe for pregnant health-care professionals to handle cytotoxic drugs? A review of the literature and recommendations. Ecancermedicalscience. 8:418.
- MacDonald LA, et al. 2013. Clinical guidelines for occupational lifting in pregnancy: evidence summary and provisional recommendations. Am J Obstet Gynecol. 209(2): 80-88.
- Meisner J, et al. 2018: Maternal veterinary occupation and adverse birth outcomes in Washington State, 1992-2014: a population-based retrospective cohort study. Occup Environ Med. 75(5):359-368.
- Molter B, et. al. 2019. Current policies and support services for pregnant and parenting veterinary medical students and house officers at United States veterinary medical training institutions. J Vet Med Educ Summer 46(2):145-152.
- National Institute of Health. 2016. NIOSH list of antineoplastic and other hazardous drugs in healthcare settings, 2016. Publication Number 2016-161 (Supersedes 2014-138).
- National Institute for Occupational Safety and Health. 2023. Managing hazardous drug exposures: information for healthcare settings. By Hodson L, et al. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-130.https://doi.org/10.26616/NIOSHPUB2023130. Accessed 29 July 2025.
- Occupational Safety & Health Administration. 2000. Anesthetic Gases: Guidelines for Workplace Exposures. https://www.osha.gov/dts/osta/anestheticgases/index.html. Accessed 29 July 2025.
- Pacheco K. 2007. New Insights into laboratory animal exposures and allergic responses. Cur Opin Allergy Clin Immunol. 7(2):156-161.
- Polovich M. 2004. Safe Handling of Hazardous Drugs. Online J Issues Nurs. 9(3):6.

- Potter J, et al. 2024. A few thoughts on workplace safety. Vet Anaesth Analg. 51(4):315-321.
- Rodrigues AC, et al. 2017. Risk Factors for Nasal Colonization by Methicillin-Resistant Staphylococci in Healthy Humans in Professional Daily Contact with Companion Animals in Portugal. Microb Drug Resist. 24(4):434-446.
- Scheftel JM, et. al. 2017. Review of hazards to female reproductive health in veterinary practice. J Am Vet Med Assoc 250(8):862-872.
- Schuhaber S, et al. 2002. A prospective-controlled study of pregnant veterinary staff exposed to inhaled anesthetics and x-rays. Int J Occup Med Environ Health, (15)4; 363-373.
- Shirangi, A, et al. 2008. Maternal Occupational Exposures and Risk of Spontaneous Abortion in Veterinary Practice. Occup Environ Med. 65(11): 719-725.
- Toppenberg K, et al. 1999. Safety of Radiographic Imaging During Pregnancy. Am Fam Physician. 59(7):1813-1818.
- U.S. Centers for Disease Control. 2023. Hazards to Veterinary Medicine and Animal Care Workers. https://www.cdc.gov/niosh/veterinary/about/hazards.html. Accessed 29 July 2025.
- U.S. Centers for Disease Control. 2024. Veterinary Safety and Health Hazard Prevention and Control. https://www.cdc.gov/niosh/veterinary/prevention/index.html. Accessed 29 July 2025.
- Varughese S, Ahmed R. 2021. Environmental and Occupational Considerations of Anesthesia: A Narrative Review and Update. Anesth Analg. 133(4):826-835.
- Veterinary Infection Control Committee, National Association of State Public Health Veterinarians. 2015. Compendium of Veterinary Standard Precautions for Zoonotic Disease Prevention in Veterinary Personnel. http://www.nasphv.org/Documents/VeterinaryStandardPrecautions.pdf. Accessed 29 July 2025.
- Wilkes MS, et al. 2019. One health-one education: Medical and veterinary inter-professional training. J Vet Med Educ 46(1):14-20.

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