

(Magnetic Resonance Imaging (MRI

Selected References

- American College of Obstetricians and Gynecologists (ACOG). 2017. Committee Opinion No. 723. Guidelines for diagnostic imaging during pregnancy and lactation. Obstet Gynecol, 130(4):933-934
- American College of Radiology. 2020. **ACR Manual on MR Safety**. [PDF file]. Retrieved from <https://www.acr.org/-/media/ACR/Files/Radiology-Safety/MR-Safety/Manual-on-MR-Safety.pdf>
- Chartier AL, et al. 2019. The safety of maternal and fetal MRI at 3 T. American Journal of Roentgenology, 213(5):1170-1173
- Lum M, Tsiouris AJ. 2020. MRI safety considerations during pregnancy. Clin Imaging; 62:69-75
- Maralani PJ, et al. 2023. Safety of Magnetic Resonance Imaging in Pregnancy. Radiologie (Heidelb). 63(Suppl 2):34-40
- Mervak BM, et al. 2019. MRI in pregnancy: Indications and practical considerations. Journal of Magnetic Resonance Imaging, JMRI, 49(3):621-631
- Ray JG, et al. 2016. Association between MRI exposure during pregnancy and fetal and childhood outcomes. JAMA, 316(9):952-961

أسئلة؟ اتصل بـ 866.626.6847 اقم بإرسال رسالة نصية 855.999.3525 | البريد الإلكتروني أو الدردشة على MotherToBaby.org.

Disclaimer: MotherToBaby Fact Sheets are meant for general information purposes and should not replace the advice of your health care provider. MotherToBaby is a service of the non-profit Organization of Teratology Information Specialists (OTIS). Copyright by OTIS, 1 مارس، 2024.

(Magnetic Resonance Imaging (MRI

Selected References

- Abdulaziz HM, et al. 2021. Fetal proximal and distal limb anomalies following exposure to mycophenolate mofetil during pregnancy: A case report and review of the literature. Lupus 30(9):1522-1525

- Alsebayel MM, et al. 2018. Congenital esophageal atresia and microtia in a newborn secondary to mycophenolate mofetil exposure during pregnancy: A case report and review of the literature. *Am J Case Rep* 3(19):523-526
- Boyle S, et al. 2021. Pregnancy following heart transplantation: A single centre case series and review of the literature. *Heart Lung Circ* 30:144-53
- Coscia LA, et al. 2015. Update on the teratogenicity of maternal mycophenolate mofetil. *J Pediatr Genet* 4(2):42-55
- Egeberg A, et al 2017 Birth outcomes in children fathered by men treated with immunosuppressant drugs before conception-A Danish population-based cohort study. *J Invest Dermatol* 137(8):1790-1792
- Hoeltzenbein M, et al. 2012. Teratogenicity of mycophenolate confirmed in a prospective study of the European Network of Teratology Information Services. *Am J Med Genet A* 158A(3):588-596
- Huerta A, et al. 2021. Measurement of the passage of mycophenolic acid into breast milk in a patient with lupus nephritis. *Kidney Int* 100(3):711
- Intas Pharmaceuticals. Last updated Jan. 5, 2024. Mycophenolate mofetil drug label information. Available at URL: <https://www.dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=741e079a-646b-47ec-84ac-8e12574c2aaf>
- Jones A, et al. 2013. Outcomes of pregnancies fathered by solid-organ transplant recipients exposed to mycophenolic acid products. *Prog Transplant* 23(2):153-157
- Khan F, et al. 2022. Fetal malformations associated with exposure to mycophenolic acid during the first trimester. *Int J Pediatr Adolesc Med* 9(3):171-173
- Kim M, et al. 2013. Mycophenolate fetal toxicity and risk evaluation and mitigation strategies. *Am J Transplant* 13(6):1383-1389
- King RW, et al. 2017. Pregnancy outcomes related to mycophenolate exposure in female kidney transplant recipients. *Am J Transplant* 17(1):151-160
- Krutsch K, et al. 2023. Transfer of mycophenolic acid into human milk. *J Nephrol* 36:1715-7
- Martin MC, et al. 2014. Esophageal atresia and prenatal exposure to mycophenolate. *Reprod Toxicol* 50:117-121
- Martin- Moreno PL, et al. 2021. Paternal safety of the use of mycophenolic acid in kidney transplant recipients. Results of the EMVARON study. *Clin Transplant* 35(5):e14256
- Midtvedt K, et al. 2017. Exposure to mycophenolate and fatherhood. *Transplantation* 101(7):e214-217
- Perez-Aytes A, et al. 2017. Mycophenolate mofetil embryopathy: A newly recognized teratogenic syndrome. *Eur J Med Genet* 60(1):16-21
- Sifontis NM, et al. 2006. Pregnancy outcomes in solid organ transplant recipients with exposure to mycophenolate mofetil or sirolimus. *Transplantation* 82:1698-1702

(Magnetic Resonance Imaging (MRI

:Referencias Seleccionadas

- Amgen, Inc. 2023. Otezla product label. https://www.pi.amgen.com/~media/amgen/repositoriesites/pi-amgen-com/otezla/otezla_pi_english.ashx. [[Accessed February 2024]
- Bangsgaard N, et al. 2015 Treating Psoriasis During Pregnancy: safety and efficacy of treatments. Am J Clin Dermatol. 16(5):389-98
- Celgene Corporation. 2015. Otezla product label. Accessed April 2020 https://www.pi.amgen.com/~media/amgen/repositoriesites/pi-amgen-com/otezla/otezla_pi_english.ashx
- Hoffman MB, et al. 2015. Psoriasis during pregnancy: characteristics and important management recommendations. Expert Rev Clin Immunol. 11(6):709-20
- Kaushik SB, et al. 2019. Psoriasis: Which therapy for which patient: Focus on special populations and chronic infections. J Am Acad Dermatol. 80(1):43-53
- Rademaker M, et al. 2018. Psoriasis in those planning a family, pregnant or breast-feeding. The Australasian Psoriasis Collaboration. Australas J Dermatol. 59(2):86-100
- Saavedra MA, et al. 2018. Targeted drugs in spondyloarthritis during pregnancy and lactation. Pharmacol Res. 136:21-28

(Magnetic Resonance Imaging (MRI

:Selected References

- Abdi N, et al. 2020. The effect of aspirin on preeclampsia, intrauterine growth restriction and preterm delivery among healthy pregnancies with a history of preeclampsia. J Chin Med Assoc 83(9):852-857
- Annals. 2014. Summaries for patients: aspirin to prevent preeclampsia-related complications and death: U.S. Preventive Services Task Force recommendation statement. Ann Intern Med 161(11): 128
- Bloor M, Paech M. 2013. Nonsteroidal anti-inflammatory drugs during pregnancy and the initiation of lactation. Anesth Analg 116(5):1063-75
- Datta P, et al. 2017. Transfer of low dose aspirin into human milk. J Hum Lact 33(2):296-299
- Ellfolk M, Hultzs S. 2015. Analgesics, antiphlogistics and anesthetics. In C Schaefer, P Peters, R Miller (Eds.), Drugs During Pregnancy and Lactation: Treatment Options and Risk Assessment. 3rd ed. 653-655. London: Elsevier
- Grab D, et al. 2000. Effects of low-dose aspirin on uterine and fetal blood flow during pregnancy: results of a randomized, placebo-controlled, double-blind trial. Ultrasound Obstet Gynecol 15:19-27
- Hoffman MK, et al. 2024. Neurodevelopment of children whose mothers were randomized to low-dose aspirin during pregnancy. Obstet Gynecol 1:1-8
- Kupka E, et al. 2023. Low-dose aspirin use in pregnancy and the risk of preterm birth: a Swedish register-based cohort study. Am J Obstet Gynecol 228(3):336e1-336e9
- LeFevre ML, U.S. Preventive Services Task Force. 2014. Low-dose aspirin use for the prevention of morbidity and mortality from preeclampsia: U.S. Preventive Services Task Force recommendation statement. Ann Intern Med 161(11):819-26
- Maher JE, et al. 1993. The effect of low-dose aspirin on fetal urine output and amniotic fluid volume. Am J Obstet Gynecol 169:885-8
- Malm H, Borish C. 2015. Analgesics, non-steroidal anti-inflammatory drugs (NSAIDS), muscle relaxants, and antitox medications. In C Schaefer, P Peters, R Miller (Eds.), Drugs During Pregnancy and Lactation: Treatment Options and Risk Assessment, 3rd ed. 27-32. London: Elsevier
- Marret, S. et. al. 2010. Prenatal Low-Dose Aspirin and Neurobehavioral Outcomes of Children Born Very Preterm. Pediatrics 125(1):e29-e34
- Martini A, et al. 2003. Analysis of semen from patients chronically treated with low or moderate doses of aspirin-like drugs. Fertil and Steril 80(1):221-222
- Mone F, McAuliffe FM. 2015. Preconception low-dose aspirin and pregnancy outcomes: results from the EAGeR randomized trial. Ir Med J. Jan;08(1):5
- Naimi A, et al. 2021. The Effect of Preconception-Initiated Low-Dose Aspirin on Human Chorionic Gonadotropin Detected Pregnancy, Pregnancy Loss, and Live Birth. Annals of Internal Medicine May;174(5):595-601
- Ostensen M, et al. 2006. Anti-inflammatory and immunosuppressive drugs and reproduction. Arthritis Res Ther 8(3):1-19
- Schisterman EF, et al. 2015. Preconception low dose aspirin and time to pregnancy: findings from the effects of aspirin in gestation and reproduction randomized trial. J Clin Endocrinol Metab May; 100(5):1785-91
- Spigset O, et al. 2000. Analgesics and breast-feeding: safety considerations. Paediatr Drugs 2(3):223-38

(Magnetic Resonance Imaging (MRI

:Selected References

- Alothman R, et al. 2023. Leflunomide exposure through second trimester of pregnancy: A case report. Birth Defects Res 1;115(16):1566-1569
- Arava Prescribing Information. 2021. Available online at <http://products.sanofi.us/arava/arava.html> [https://products.sanofi.us/arava/arava.pdf [accessed Dec 2015February 2024
- Bérard A, et al. 2018. Leflunomide use during pregnancy and the risk of adverse pregnancy outcomes. Ann Rheum Dis, 77(4):500-509
- Brent RL. 2001. Teratogen update: Reproductive risks of leflunomide (Arava); A pyrimidine synthesis inhibitor: Counseling women taking leflunomide before or during pregnancy and men taking leflunomide who are contemplating fathering a child. Teratology, 63:106-112
- Briggs G, et al. 2015. Leflunomide. Drugs in Pregnancy and Lactation, A reference Guide to Fetal and Neonatal Risk, 10th edition (pp 781—784). Philadelphia, PA: Wolters Kluwer Health
- Cassina M, et al. 2012. Pregnancy outcome in women exposed to leflunomide before or during pregnancy. Arthritis Rheum, 64 (7):2085-94
- Chakravarty EF, et al. 2003. The use of disease modifying antirheumatic drugs in women with rheumatoid arthritis of childbearing age: a survey of practice patterns and pregnancy outcomes. J Rheumatol, 30:241-246
- Chambers CD, et al. 2010. Birth outcomes in pregnant women taking leflunomide. Arthritis Rheu, 62(5):1494-1503
- Chambers CD, et al. 2007. Are new agents used to treat rheumatoid arthritis safe to take during pregnancy? Organization of Teratology Information Specialists (OTIS) study. Motherisk Update, 53(3):409-412
- De Santis M, et al. 2005. Paternal and maternal exposure to leflunomide: pregnancy and neonatal outcome. Ann Rheum Dis, 64:1096-1097
- Henson LJ, et al. 2020. Pregnancy outcomes in patients treated with leflunomide, the parent compound of the multiple sclerosis drug teriflunomide. Reprod Toxicol, 95:45-50
- Levy RA, et al. 2016. Critical review of the current recommendations for the treatment of systemic inflammatory rheumatic diseases during pregnancy and lactation. Autoimmun Rev, 15(10):955-963
- Schaefer C, et al. 2015. Immunosuppression, rheumatic diseases, multiple sclerosis, and Wilson's disease: Leflunomide. In: Drugs during pregnancy and lactation: Treatment options and risk assessment, 3rd ed (pp

- .362-363)(pp 658-659). London: Academic Press
- Viktil KK, et al. 2012. Outcomes after anti-rheumatic drug use before and during pregnancy: a cohort study among 150,000 pregnant women and expectant fathers. Scand J Rheumatol, 41(3):196-201
 - Weber-Schoendorfer C, et al. 2017. Leflunomide – A human teratogen? A still not answered question. An evaluation of the German Embryotox pharmacovigilance database. Reprod Toxicol. Aug;71:101-107

أسئلة؟ اتصل بـ 866.626.6847 اقم بإرسال رسالة نصية 855.999.3525 | البريد الإلكتروني أو الدردشة على MotherToBaby.org.

Disclaimer: MotherToBaby Fact Sheets are meant for general information purposes and should not replace the advice of your health care provider. MotherToBaby is a service of the non-profit Organization of Teratology Information Specialists (OTIS). Copyright by OTIS, 1 مارس، 2024.